

Concentrated	BCE	YearQ	FarmCode	SamplingDate	NuMfish	DivDate	MortTotal	MortPred	MortEnviron	MortNP	MortO	MortOther	MortSilver	SurvCause	Comments	NuMfishSampled	SampleGill	SampleHeart	SampleKidney	SampleLiver	SampleCaecae	SamplePeritoneal	SampleSpleen	SampleOther	TestBacti	TestHisto	TestViro	TestOther
2020	A-2.3-32	520	2020-02-23	2020-02-23	46024	2020-12-17	11	0	0	2	0	0	9	Clean, 2 day dye.														
2020	A-2.3-42	520	2020-02-24	2020-02-24	429271	2020-12-17	125	0	0	0	0	125	0	No breakdown. Positive by PCR for IHNV. No culture confirmed.														
2020	A-2.3-43	527	2020-02-24	2020-02-24	40040	2020-12-17	1058	0	0	0	0	1058	0	Positive by PCR for IHNV. No culture confirmed.														
2020	A-2.3-47	1291	2020-02-24	2020-02-24	452106	2020-11-07	462	0	0	15	300	112	35	7-14 day dye, system not completed last week/positive by PCR for IHNV. No culture confirmed. How														
2020	A-2.3-50	227	2020-02-24	2020-02-24	602934	2020-11-18	63	0	0	24	19	0	20	BKD/SR57, one septa, 1 day pump (uplift) Test results missing.														
2020	A-2.3-51	604	2020-02-24	2020-02-24	37258	2020-11-01	87	0	0	0	0	87	0															
2020	A-2.4-12	1078	2020-02-24	2020-02-24	621671	2020-11-07	61	0	0	3	47	0	11															
2020	A-3.2-21	304	2020-03-21	2020-03-21	514885	2020-03-31	38	0	0	7	8	1	22	Clean														
2020	A-3.2-22	498	2020-03-22	2020-03-22	62007	2020-03-31	14	0	0	0	0	14	0															
2020	A-3.2-29	553	2020-03-29	2020-03-29	2946040	2020-03-31	989	0	0	0	0	989	0	Serology negative for Listonella anguillarum type 1 and 2. Positive by PCR for IHNV. Positive by Cult														
2020	A-3.3-33	458	2020-03-33	2020-03-33	2020-10-25	9446	52	0	0	0	41	0	11	No fish to sample. Fish treated with Galaxymun Oct.24/202														
2020	A-3.3-44	141	2020-03-44	2020-03-44	1218000	2020-10-17	308	8	0	169	94	0	37															
2020	A-3.3-45	460	2020-03-45	2020-03-45	22000	2020-10-18	3	0	0	0	3	0	3															
2020	A-3.3-49	467	2020-03-49	2020-03-49	386200	2020-10-16	33	0	0	7	12	0	14	low dissolved oxygen on day of visit														
2020	A-3.4-16	1335	2020-03-46	2020-03-46	4654500	2020-10-26	63	0	0	29	0	0	34	Misty clean, 2 BKD														
2020	A-3.4-21	1388	2020-03-47	2020-03-47	18000	2020-11-23	5000	0	0	0	0	5000	0	12 day dye, incomplete, ran out of lotes and light/IHNV on PCR but negative on culture. Site was pre														
2020	A-3.4-23	1350	2020-03-43	2020-03-43	545200	2020-11-24	606	0	0	0	477	0	129	10 day dye, incomplete 12 of 18 pens														
2020	A-3.4-24	631	2020-03-44	2020-03-44	1430200	2020-11-26	184	0	0	62	106	0	16															
2020	A-3.4-26	176	2020-03-26	2020-03-26	140311	2020-11-06	1201	0	0	0	0	1201	0	No breakdown for mortS. wadonis but no lesions of vibriosis														
2020	P-2-18	112	2020-02-18	2020-02-18	414628	2020-11-02	0	0	0	0	0	0	0	1 day pump - no divers														
2020	P-2-20	1554	2020-02-20	2020-02-20	1009016	2020-11-26	121	4	0	14	84	5	14	Listonella isolate was no longer viable and therefore unable to perform sensitivities														
2020	P-2-24	456	2020-02-24	2020-02-24	5400	2020-11-08	75	0	0	42	0	33	0															
2020	P-2-26	116	2020-02-26	2020-02-26	14500	2020-10-04	613	0	0	0	0	613	0															
2020	P-3-21	247	2020-03-21	2020-03-21	37978	2020-10-29	20	0	0	0	0	20	0	11040 Black cod on this site.														
2020	P-3-27	769	2020-03-27	2020-03-27	519788	2020-11-25	19788	0	0	37	165	183	15															
2020	A-2.3-11	114	2020-02-11	2020-02-11	201592	2020-03-01	3779	0	0	0	0	3779	0	No other breakdown														
2020	A-2.3-17	520	2020-02-17	2020-02-17	418096	2020-03-01	21	0	56	2	40	0	46															
2020	A-2.3-18	56	2020-02-18	2020-02-18	405628	2020-03-01	45	1	0	18	20	0	6															
2020	A-2.3-21	441	2020-02-21	2020-02-21	386704	2020-03-01	59	23	0	0	0	59	23															
2020	A-2.3-23	1078	2020-02-23	2020-02-23	643822	2020-03-01	43	6	223	9	159	22	11															
2020	A-2.3-27	1237	2020-02-27	2020-02-27	546630	2020-03-01	97	0	0	0	87	0	10															
2020	A-2.3-28	111	2020-02-28	2020-02-28	40194	2020-03-01	147	43	0	29	72	0	0															
2020	A-3.2-2	304	2020-03-02	2020-03-02	509899	2020-03-31	61	20	25	0	0	0	9	Positive PCR for VHS. Negative on culture, no sensitivity for bact. Organism not viable.														
2020	A-3.3-15	143	2020-03-15	2020-03-15	696320	2020-02-09	440	0	0	319	45	0	75															
2020	A-3.3-16	143	2020-03-16	2020-03-16	767936	2020-03-18	1531	0	0	15249	51	0	16	High mort are a result of transport losses3 pools of virono bait submitted														
2020	A-3.3-17	38	2020-03-17	2020-03-17	60780	2020-02-01	360	0	0	57	0	0	3	Most mort are pair and precocious														
2020	A-3.3-5	819	2020-03-05	2020-03-05	687780	2020-03-04	360	1	0	12	2	45	18															
2020	A-3.4-11	1351	2020-03-11	2020-03-11	566600	2020-03-04	566	167	0	5	388	0	6															
2020	A-3.4-12	684	2020-03-12	2020-03-12	61131	2020-03-01	164	0	0	0	164	0	17	Some Septicemia - possible A salmonicida														
2020	A-3.4-9	631	2020-03-09	2020-03-09	1008000	2020-02-09	2500	0	0	0	2000	0	500															
2020	P-2-5	776	2020-02-05	2020-02-05	227185	2020-01-27	10	7	0	1	0	0	2															
2020	P-2-6	498	2020-02-06	2020-02-06	226893	2020-01-22	76	0	0	0	0	76	0															
2020	P-3-12	547	2020-03-12	2020-03-12	440170	2020-03-01	427	112	0	53	9	0	253															
2020	P-3-14	733	2020-03-14	2020-03-14	200808	2020-03-01	0	0	0	30	64	0	6	2 viral pools														
2020	P-3-15	1580	2020-03-15	2020-03-15	548992	2020-03-01	395	13	0	279	24	66	13	2 pools for viro														
2020	P-3-9	57	2020-03-09	2020-03-09	41301	2020-02-17	130	0	0	0	0	0	0															
2020	A-2.3-28	314	2020-02-28	2020-02-28	195000	2020-03-06	0	0	0	0	0	0	0	1 day pump. Septicemia.														
2020	A-2.3-32	56	2020-02-32	2020-02-32	408743	2020-03-01	60	9	0	0	47	0	0															
2020	A-2.3-34	1507	2020-02-34	2020-02-34	510116	2020-03-21	965	0	0	102	134	0	107	Results may be listed as 2-3-6														
2020	A-2.3-43	1472	2020-02-43	2020-02-43	265400	2020-03-04	26	0	0	1	13	0	12	No fish to sample. Add pump to 2nd site to sample.														
2020	A-2.3-45	527	2020-02-45	2020-02-45	225000	2020-03-04	352	0	0	0	0	352	0	1 week dye + pump (1 day), no mort breakdown.														
2020	A-2.3-47	1078	2020-02-47	2020-02-47	640783	2020-03-23	963	386	0	0	0	0	0															
2020	A-2.4-13	1662	2020-02-13	2020-02-13	1036000	2020-03-04	159	0	0	29	43	0	87	Limited pop in fish sampled.														
2020	A-2.4-14	1079	2020-02-14	2020-02-14	768816	2020-03-05	529	13	0	35	263	0	18	farm treating for furunculosis														
2020	A-2.4-15	1239	2020-02-15	2020-02-15	41196	2020-03-02	79	79	0	59	12	0	0															
2020	A-3.2-24	100	2020-03-24	2020-03-24	545141	2020-03-26	110	73	0	8	123	0	17	Water treated for furunculosis however most fish examined had signs of resolving pop. Likely population														
2020	A-3.2-43	136	2020-03-43	2020-03-43	490053	2020-03-02	114	0	0	23	24	0	67	Post vaccination peritonitis in a few fish														
2020	A-3.3-33	136	2020-03-33	2020-03-33	694086	2020-05-14	649	0	0	74	61	450	64	Sea lice counts done May 7/03.														
2020	A-3.3-43	443	2020-03-43	2020-03-43	87696	2020-04-17	612	0	0	337	0	0	0															
2020	A-3.3-49	466	2020-03-49	2020-03-49	215000	2020-04-16	31	0	0	17	17	0	0	No fish to sample.														
2020	A-3.4-17	1336	2020-03-47	2020-03-47	285666	2020-04-26	695	2	0	20	171	494	18	Treating for furunculosis														
2020	A-3.4-23	1351	2020-03-23	2020-03-23	190336	2020-04-16	554																					

20063	A.3-4-68	1335	20063	A.3-4-68	2006-08-08	239110	2006-08-04	35	1	0	4	12	0	18	Small site. Fish had been treated for mouth rot with Romet in June. Algae not reported, but no infest	3	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE
20063	A.3-4-69	1280	20063	A.3-4-69	2006-08-08	614710	2006-08-08	429	0	0	87	253	0	100	Small site. Slight mouth rot and bkd noted in fish sampled. Trichirsen treatment in July for mouth rot.	8	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE
20063	A.3-4-71	1280	20063	A.3-4-71	2006-08-08	538471	2006-08-04	1241	0	0	1100	0	0	141		11	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	
20063	A.3-5-72	1580	20063	A.3-5-72	2006-08-22	380371		28	0	0	0	8	0	20	Fish sampled were on the old side. Therefore, sample quality is somewhat poor. Things did look fairly	6	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20063	P.2-14	244	20063	P.2-14	2006-08-16	210855	2006-08-13	13	0	2	1	4	0	6	No fish of diagnostic quality among the 6 silvers	0	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE
20063	P.2-15	158	20063	P.2-15	2006-08-17	204842	2006-08-14	186	0	0	1	12	0	11	P. salmones confirmed by immunohistochemistry.	6	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE
20063	P.3-17	1697	20063	P.3-17	2006-09-12	165000	2006-09-07	302	0	0	0	24	0	278	Farm categorized 278 "silvers" but there were mostly "old". Placed gills in hiso. Farm recently exper	4	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20063	P.3-18	1698	20063	P.3-18	2006-09-12	367134	2006-09-06	254	0	0	87	139	0	48	14 pens dove out of 20 16 pens not dove due to time constraints. Mortalities higher lately due to plant	5	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.2-3-74	1281	20064	A.2-3-74	2006-12-07	495674	2006-12-06	27	0	0	7	18	0	11	#2 and #3 had heart defects, one day pump	1	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.2-3-75	540	20064	A.2-3-75	2006-11-20	468778	2006-11-13	236	0	0	3	192	41	0	Fish # 2 - 6, 8 - 10 showed granulomas on the liver or spleen as those associated with SRS. Hemorr	10	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.2-3-76	314	20064	A.2-3-76	2006-11-21	508090	2006-11-17	64	3	0	5	38	7	11	Mortalities are pumped daily. Fish #1 had petechial hemorrhaging noted on the pyloric caeca fat and	6	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.2-3-77	527	20064	A.2-3-77	2006-12-07	505235	2006-12-06	58	0	0	1	12	0	37	1 day pump	1	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	
20064	A.2-4-78	1700	20064	A.2-4-78	2006-11-24	711762	2006-11-21	301	15	0	28	223	23	12	all fish sampled appeared slightly emaciated. 1 fish with furunculosis, and 2 with vibriosis, were amor	10	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.2-4-79	404	20064	A.2-4-79	2006-11-14	665181	2006-11-07	235	16	0	80	116	13	10	#7 had a swollen kidney with hemorrhaging on the swim bladder, fish #8 and 10 had a swollen spleen	11	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.2-4-80	1700	20064	A.2-4-80	2006-11-24	439621	2006-11-21	44	10	0	6	97	0	11		16	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	
20064	A.2-8-2	378	20064	A.2-8-2	2006-11-09	453634	2006-11-06	55	4	19	24	3	0	5	This was a three day ring pull. Fish #1 had few echymotic hemorrhaging on the liver, #2,4,5,6 had sli	6	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.3-2-83	1401	20064	A.3-2-83	2006-10-25	534580	2006-10-18	167	0	0	66	72	1	28	100% of the samples had slight to extreme vaccination adhesion, many motts with skin abrasions, th	15	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.3-2-84	1580	20064	A.3-2-84	2006-11-09	585746	2006-11-03	566	0	0	0	430	107	26	414 fish sample had heart deformities. Fish are due to enteries. Finished loading 4-nov, site now rest	14	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.3-2-85	304	20064	A.3-2-85	2006-10-23	579930	2006-10-16	253	0	0	136	78	4	32	one day pump prior to dive. Smalls entered in Feb/06, average weight 800 grams. Low level Chasob	12	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE
20064	A.3-2-86	306	20064	A.3-2-86	2006-10-23	545129	2006-10-16	83	0	0	25	33	0	25	Fish #3 had petechial hemorrhaging in the adipose tissue. Fish #6,8 had mid-ventral belly hemorrha	11	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.3-3-88	820	20064	A.3-3-88	2006-11-01	552251	2006-10-30	16	0	0	0	12	0	0	Fish # 2 and # had slight swollen kidney. #3 had a cyst in ureter which popped. #4 had a heart defect	4	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.3-3-91	1390	20064	A.3-3-91	2006-11-01	323331	2006-10-31	86	0	0	13	62	0	18	#2 had a small fat lesion in the spleen. BKO found in one of 7 samples, an incidental finding given it	10	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	A.3-3-91	465	20064	A.3-3-91	2006-11-01	575752	2006-10-29	32	0	0	2	19	0	11		10	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	
20064	A.3-3-92	728	20064	A.3-3-92	2006-10-26	557585	2006-10-22	158	0	0	80	27	4	67	4 daydive. Some lower DO's experienced day before.	15	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	P.2-20	1598	20064	P.2-20	2006-11-21	199450	2006-10-27	158	0	0	6	97	0	55	45 silvers were classified as follows: 6 BKO, 20 Enteritis (42%), 10 Loma (21%), 3 Marine anemia, 9	16	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	P.2-21	776	20064	P.2-21	2006-11-09	827271	2006-11-06	270	12	0	9	33	163	53	Of "others" + "silvers" subclassified by gross signs, about half are loma and one-quarter are BKO. M	13	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	P.3-22	216	20064	P.3-22	2006-12-01	104634	2006-11-24	589	0	0	0	0	0	589	No classifications done by farm staff, from audit observations the mortality were primarily due to Matu	2	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20064	P.3-24	137	20064	P.3-24	2006-11-07	701570	2006-11-06	631	106	0	47	78	27	374	This was a partial mort ring pull, only 6/16 pens pulled due to regular boat with crane being out of ser	24	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-3-1	1148	20071	A.2-3-1	2007-02-07	520668	2007-01-31	156	2	0	35	99	3	17	#1 and 2 had empty guts, #3 was on feed	3	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-3-2	527	20071	A.2-3-2	2007-02-07	502514	2007-01-31	101	19	0	23	62	0	7	seven day dive, one day pump. #1 and 3 - swollen spleen, hemorrhaging noted on the swim bladder	5	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-3-3	314	20071	A.2-3-3	2007-01-15	465763	2007-01-09	71	12	0	5	28	0	8	7 day dive/1 day pump/samples showed no significant lesions other than coagulated blood in around f	6	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-3-4	314	20071	A.2-3-4	2007-01-14	508425	2007-01-09	202	10	0	26	115	0	51	7 day dive/1 day pump/25/51 silvers showing internal hemorrhaging on the swim bladder, pyloric fat	12	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-4-5	1983	20071	A.2-4-5	2007-02-23	588613	2007-02-20	51	12	0	4	12	8	15	very few carcasses noted of sample quality, the samples chosen were of questionable freshness. #1,1	3	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-4-6	1700	20071	A.2-4-6	2007-01-14	621830	2007-01-09	105	0	0	12	9	0	3	noted a number of alchard carcasses in the dive showing hemorrhaging on the body wall, noted m	10	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-4-7	1700	20071	A.2-4-7	2007-02-26	680298	2007-02-19	302	2	0	96	195	0	9	Granulomas noted on spleen/liver and kidney of older carcasses. Skin lesions (net rash) noted on m	8	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.2-4-8	1237	20071	A.2-4-8	2007-03-07	576383	2007-03-05	28	3	0	1	14	0	10	Sample # 3 - Brain had hematoma (clotted clot around the brain, also nodules in the gill (included in t	6	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-2-10	378	20071	A.3-2-10	2007-03-06	475161	2007-03-05	64	0	0	16	8	28	12	Ring Pull/Samples #1 - moribund/clotted blood in coelom - suspect trauma/3 left eye exophthalmos	9	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-2-11	100	20071	A.3-2-11	2007-03-12	635249	2007-02-12	148	0	0	5	74	0	13	#2 - was lean, #3 showed a white discoloration in the muscle, #4 had echymotic hemorrhaging in the	10	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-2-12	211	20071	A.3-2-12	2007-03-20	750469	2007-03-16	197	12	0	29	19	117	20	Sample # 1,3,4,11 - showed mouth rot, also noted some brain hemorrhaging # 2,8,7,10 - excessive	12	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-2-13	1164	20071	A.3-2-13	2007-03-20	625055	2007-02-15	413	11	32	32	88	217	33	#2 - 4, #6 - suspect mouth rot	8	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-2-14	304	20071	A.3-2-14	2007-01-15	578917	2007-01-08	67	0	0	13	37	0	47	7 day dive/1 day pump/1 missed heart for histo to 1 - 6 - all were slight, moderately old, therefore n	6	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-3-15	141	20071	A.3-3-15	2007-03-14	544772	2007-03-12	22	0	0	0	17	0	5	sample #2 had a massively swollen stomach and pyloric caeca, cut open stomach and found a piece	4	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-3-16	819	20071	A.3-3-16	2007-03-13	597929	2007-03-11	1413	0	0	96	103	511	703	sample # 1,2-8 had hemorrhaging in the pyloric caeca and swim bladder, liver and spleen were friabl	8	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-3-17	1585	20071	A.3-3-17	2007-03-07	455524	2007-02-22	91	1	0	25	65	0	11	#11 - granulomas in the liver and spleen/ hemorrhaging on the swim bladder/ head concussions	7	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-3-18	868	20071	A.3-3-18	2007-03-13	614747	2007-03-10	115	4	0	19	15	17	60	Sample #4 had echymotic hemorrhaging along pyloric caecata	6	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-3-19	728	20071	A.3-3-19	2007-03-07	447521	2007-03-03	99	0	0	24	38	0	37	carcasses examined during the dive showed no significant lesions and appeared to have been on fee	4	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-3-20	1580	20071	A.3-3-20	2007-03-27	573821	2007-03-25	35	0	0	1	1	0	1	100 silvers assessed, 46 showed granulomas as in BKO, 49 showed xenomas in the gills as in Loma,	5	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-4-21	631	20071	A.3-4-21	2007-03-13	647605	2007-03-01	746	50	0	68	613	0	15	carcasses opened during the dive showed granulomas in the spleen or kidney. Samples #1,2,3,6 had	10	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-4-22	1288	20071	A.3-4-22	2007-03-12	599355	2007-03-05	216	36	0	4	162	0	14	#1,2-6 - showed granulomas on the spleen/liver/kidney, some hemorrhaging noted in the muscle, all f	8	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
20071	A.3-4-23	1580	20071	A.3-4-23	2007-03-12	625374	2007-03-09	93	1	0	5	74	0	13	#1,3,5 - granul													

Concatenated	BGF	YearQ	FarmCode	DXNum	HusbandryType	HusbandryDate	HusbandryReason
20071_P-3-3	1697	20071	P-3-3	1	Harvesting		Due to mortality from VEN and Loma
20072_P-3-7	1571	20072	P-3-7	1	Harvesting	2007-01-29	high mortalities due to BKD and Loma. 7 of 16 pens left.

[illegible]

Concatenated	BCF	YearQ	FarmCode	DateSubmitted	ViroWayBill	DateReceived	ViroLabNum	ViroAlNeg	ViroHNV	ViroPNV	ViroSA	ViroVHS	ViroPiscRickett
20024 A.2-3-2	527	20024	A.2-3-2	2002-01-08	2003-01-30	ahc103-00091	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.2-3-4	528	20024	A.2-3-4	2002-1-3-8	2003-12-11	ahc102-04357	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.2-3-43	527	20024	A.2-3-43	2002-10-30	2002-11-06	AHC 02-4191	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.2-3-47	1291	20024	A.2-3-47	2002-12-13	2003-01-30	ahc102-04787	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.2-3-50	227	20024	A.2-3-50	2002-1-21	2003-12-11	ahc102-04490	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.2-4-11	404	20024	A.2-4-11	2002-11-13	2002-11-22	ahc102-04362	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.2-4-12	1078	20024	A.2-4-12	2002-11-13	2002-11-22	ahc102-04359	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-2-21	304	20024	A.3-2-21	2002-1-13	2002-11-22	ahc102-04360	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-2-22	306	20024	A.3-2-22	2003-01-08	2003-01-28	ahc10300093	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-2-29	553	20024	A.3-2-29	2002-10-23	2002-11-12	ahc102-04079	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-3-33	458	20024	A.3-3-33	2002-11-13	2003-01-16	ahc102-04727	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-3-44	141	20024	A.3-3-44	2002-10-23	2002-11-06	ahc102-04080	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-3-48	466	20024	A.3-3-48	2002-10-23	2002-11-06	ahc102-04081	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-3-49	467	20024	A.3-3-49	2002-10-23	2002-11-06	ahc102-04081	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-4-16	1335	20024	A.3-4-16	2002-10-30	2002-11-06	ahc102-04189	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-4-21	1288	20024	A.3-4-21	2002-12-10	2003-01-16	ahc102-04729	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-4-23	1350	20024	A.3-4-23	2002-10-10	2003-01-16	ahc102-04725	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 A.3-4-24	831	20024	A.3-4-24	2002-1-2-10	2003-01-16	ahc102-04728	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 P.2-16	776	20024	P.2-16	2002-10-23	2002-10-23	AHC 02/4078	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 P.2-18	112	20024	P.2-18	2002-12-10	2003-01-16	ahc102-04726	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 P.2-20	1554	20024	P.2-20	2002-12-10	2003-01-16	ahc102-04727	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 P.2-24	456	20024	P.2-24	2002-10-23	2002-10-23	ahc102-04077	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 P.3-21	247	20024	P.3-21	2002-11-13	2002-11-22	ahc102-04361	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20024 P.3-27	769	20024	P.3-27	2002-12-03	2002-12-11	ahc102-04626	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.2-3-11	314	20031	A.2-3-11	2003-01-23	2003-01-23	L-682019560	2003-02-03	ahc10300325	FALSE	TRUE	FALSE	FALSE	FALSE
20031 A.2-3-17	520	20031	A.2-3-17	2003-01-23	2003-02-03	ahc10300357	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.2-3-7	56	20031	A.2-3-7	2003-03-13	L-682019555	2003-04-01	ahc10301117	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.2-4-1	404	20031	A.2-4-1	2003-01-28	L-682019559	2003-02-03	ahc10300389	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.2-4-3	1078	20031	A.2-4-3	2003-01-28	2003-02-10	ahc10300390	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.2-4-7	1237	20031	A.2-4-7	2003-02-18	L-682019557	2003-02-24	ahc10300745	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-2-12	211	20031	A.3-2-12	2003-03-04	L-682019556	2003-03-04	ahc10300968	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-2-2	304	20031	A.3-2-2	2003-03-04	L-682019556	2003-04-01	ahc10300966	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-3-15	142	20031	A.3-3-15	2003-02-18	L-682019557	2003-02-24	ahc10300744	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-3-16	143	20031	A.3-3-16	2003-03-26	L-682019554	2003-03-31	ahc10301309	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-3-2	136	20031	A.3-3-2	2003-05-05	L-673273915	2003-02-19	ahc10300547	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-3-5	818	20031	A.3-3-5	2003-05-05	L-673273915	2003-05-22	ahc10300648	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-4-11	1351	20031	A.3-4-11	2003-02-18	L-682019557	2003-02-24	ahc10300742	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-4-5	884	20031	A.3-4-5	2003-03-13	L-682019555	2003-04-01	ahc10301119	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 A.3-4-8	831	20031	A.3-4-8	2003-03-18	L-682019557	2003-02-24	ahc10300743	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 P.2-5	776	20031	P.2-5	2003-02-05	L-673273915	2003-02-19	ahc10300545	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 P.2-6	1206	20031	P.2-6	2003-05-05	L-673273915	2003-04-01	ahc10300546	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 P.3-12	547	20031	P.3-12	2003-03-04	L-682019556	2003-04-01	ahc10300967	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 P.3-14	733	20031	P.3-14	2003-03-13	L-682019555	2003-04-01	ahc10301118	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 P.3-15	1580	20031	P.3-15	2003-03-13	L-682019555	2003-03-04	ahc10301116	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20031 P.3-9	137	20031	P.3-9	2003-03-04	L-682019556	2003-04-01	ahc10300969	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-3-28	314	20032	A.2-3-28	2003-07-03	2003-07-22	103-2637	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-3-32	56	20032	A.2-3-32	2003-05-01	L-682019548	2003-05-22	10301835	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-3-34	1507	20032	A.2-3-34	2003-07-03	2003-07-03	10302638	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-3-43	1472	20032	A.2-3-43	2003-07-03	2003-07-03	10302638	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-3-45	527	20032	A.2-3-45	2003-07-03	L-682019532	2003-07-24	10302639	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-4-12	1078	20032	A.2-4-12	2003-05-01	2003-05-22	10301839	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-4-13	1862	20032	A.2-4-13	2003-05-01	L-682019548	2003-05-22	10301836	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-4-14	1079	20032	A.2-4-14	2003-05-01	L-682019548	2003-05-22	10301837	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.2-4-18	1238	20032	A.2-4-18	2003-04-17	682019544	2003-05-05	10301853	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.3-2-24	100	20032	A.3-2-24	2003-06-24	L-682019533	2003-07-10	10302523	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.3-2-43	1136	20032	A.3-2-43	2003-06-24	L-682019533	2003-07-10	10302522	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.3-3-33	136	20032	A.3-3-33	2003-05-15	L-682019550	2003-05-29	10302002	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.3-3-47	143	20032	A.3-3-47	2003-04-23	682019545	2003-05-07	10301702	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.3-3-49	466	20032	A.3-3-49	2003-05-01	L-682019548	2003-05-22	10301838	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.3-4-23	1351	20032	A.3-4-23	2003-06-24	L-682019532	2003-07-10	10302524	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 A.3-4-25	1198	20032	A.3-4-25	2003-06-24	L-682019533	2003-07-10	10302525	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.2-14	233	20032	P.2-14	2003-04-23	682019545	2003-05-07	10301701	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.2-19	1206	20032	P.2-19	2003-06-11	2003-06-27	10302363	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.2-22	1158	20032	P.2-22	2003-06-11	L-682019551	2003-06-27	10302364	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.2-23	1554	20032	P.2-23	2003-06-11	L-682019551	2003-06-27	10302365	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.2-25	216	20032	P.2-25	2003-05-01	L-682019546	2003-05-22	10301834	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.2-28	246	20032	P.2-28	2003-05-15	L-682019550	2003-05-30	10302004	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.3-30	769	20032	P.3-30	2003-05-15	L-682019550	2003-05-30	10302005	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20032 P.3-33	1580	20032	P.3-33	2003-05-06	L-682019549	2003-05-22	10301880	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.2-3-21	270	20033	A.2-3-21	2003-07-22	L-684011535	2003-08-05	10302919	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.2-3-27	56	20033	A.2-3-27	2003-08-28	L-684011535	2003-09-06	10303333	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.2-3-45	1507	20033	A.2-3-45	2003-08-28	L-684011535	2003-09-06	10303334	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.2-4-21	404	20033	A.2-4-21	2003-08-17	L-684011537	2003-09-23	10303535	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.2-4-22	1078	20033	A.2-4-22	2003-08-28	L-684011535	2003-09-06	10303332	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.2-4-28	1238	20033	A.2-4-28	2003-07-22	L-684011535	2003-08-05	10303330	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-2-27	304	20033	A.3-2-27	2003-08-06	L-684011528	2003-08-13	10303074	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-2-28	100	20033	A.3-2-28	2003-08-06	L-684011528	2003-08-13	10303074	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-2-31	211	20033	A.3-2-31	2003-08-28	L-684011535	2003-09-06	10303335	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-2-32	1136	20033	A.3-2-32	2003-08-07	L-684011538	2003-08-13	10303073	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-2-35	818	20033	A.3-2-35	2003-09-09	L-684011532	2003-09-15	ahc10303443	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-2-36	869	20033	A.3-2-36	2003-09-09	L-684011532	2019-09-03	ahc10303444	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-3-30	143	20033	A.3-3-30	2003-07-29	2003-08-13	10302974	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-3-37	466	20033	A.3-3-37	2003-07-29	2003-08-13	10302972	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-4-22	1336	20033	A.3-4-22	2003-10-02	L-684011556	2003-10-02	10303734	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-4-26	831	20033	A.3-4-26	2003-10-01	L-684011556	2003-10-17	103-3736	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20033 A.3-4-28	1351	20033	A.3-4-28	2003-09-09	L-684011532	2019-08-03							

20043 P.3-26	1590	20043P.3-26	2004-08-26		2004-09-17	2004-02841	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20043 P.3-27	1591	20043P.3-27	2004-08-26	L-712474900	2004-09-04	2004-02591	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
20043 P.3-28	1626	20043P.3-28	2004-08-26	L-712474900	2004-08-13	2004-02586	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20043 P.3-29	388	20043P.3-29	2004-08-04	L-712474900	2004-08-04	2004-02588	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20043 P.3-31	216	20043P.3-31	2004-09-30		2004-10-15	2004-03228	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.2-3451	520	20044A.2-3-451	2004-10-22		2004-11-01	2004-03486	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.2-362	527	20044A.2-3-62	2004-10-21		2004-11-01	2004-03481	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.2-463	1738	20044A.2-4-63	2005-01-07		2005-02-15	2005-00506	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.2-464	1700	20044A.2-4-64	2004-11-25		2004-12-21	2004-03856	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.2-465	1237	20044A.2-4-65	2004-10-21		2004-11-10	2004-03482	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-267	211	20044A.3-2-67	2004-11-09		2004-12-01	2004-03667	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-268	1401	20044A.3-2-68	2004-11-09		2004-11-29	2004-03674	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-269	78	20044A.3-2-69	2004-12-13		2004-12-21	2004-04057	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-270	871	20044A.3-2-70	2004-11-09		2004-12-01	2004-03670	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-271	396	20044A.3-2-71	2004-11-09		2004-11-30	2004-03672	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-373	467	20044A.3-3-73	2004-12-03		2004-12-21	2004-03948	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-375	465	20044A.3-3-75	2004-12-01		2004-12-21	2004-03949	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-376	141	20044A.3-3-76	2004-12-03		2004-12-21	2004-04056	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-477	1293	20044A.3-4-77	2004-11-17		2004-11-26	2004-03767	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-478	1336	20044A.3-4-78	2004-11-09		2004-12-01	2004-03671	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 A.3-479	1335	20044A.3-4-79	2004-11-09		2004-11-30	2004-03673	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 P.2-33	234	20044P.2-33	2004-10-21		2004-11-01	2004-03485	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 P.2-34	1596	20044P.2-34	2004-12-03		2004-12-21	2004-03947	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 P.3-35	378	20044P.3-35	2004-10-21		2004-11-01	2004-03484	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 P.3-37	138	20044P.3-37	2004-11-25		2004-12-21	2004-03960	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 P.3-38	733	20044P.3-38	2004-11-17		2004-11-26	2004-03768	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 P.3-39	248	20044P.3-39	2004-11-25		2004-12-21	2004-03859	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20044 P.3-40	385	20044P.3-40	2004-11-17		2004-11-26	2004-03766	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.2-31	1507	20051A.2-3-1	2005-03-17		2005-04-27	2005-00911	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.2-32	314	20051A.2-3-2	2005-03-17		2005-04-26	2005-00910	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
20051 A.2-34	525	20051A.2-3-4	2005-03-17		2005-04-26	2005-00909	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.2-45	144	20051A.2-4-5	2005-01-19		2005-02-15	2005-00158	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.2-46	1705	20051A.2-4-6	2005-02-23		2005-03-04	2005-00631	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.2-47	1700	20051A.2-4-7	2005-01-19		2005-02-15	2005-00160	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.2-48	1078	20051A.2-4-8	2005-01-19		2005-02-15	2005-00161	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-210	1581	20051A.3-2-10	2005-02-01		2005-02-15	2005-00302	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-211	211	20051A.3-2-11	2005-02-23		2005-03-04	2005-00629	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-212	306	20051A.3-2-12	2005-02-01		2005-02-15	2005-00300	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-214	790	20051A.3-2-14	2005-03-14		2005-03-29	2005-00842	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-315	820	20051A.3-3-15	2005-02-01		2005-02-15	2005-00301	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-316	869	20051A.3-3-16	2005-02-22		2005-04-26	2005-00960	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-317	467	20051A.3-3-17	2005-02-01		2005-02-15	2005-00299	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-319	466	20051A.3-3-19	2005-02-01		2005-02-15	2005-00305	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-420	892	20051A.3-4-20	2005-02-01		2005-02-15	2005-00303	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 A.3-421	1293	20051A.3-4-21	2005-02-01		2005-02-15	2005-00304	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 P.2-1	234	20051P.2-1	2005-03-17		2005-04-27	2005-00912	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
20051 P.2-2	233	20051P.2-2	2005-03-14		2005-04-07	2005-00840	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 P.2-3	1419	20051P.2-3	2005-03-14		2005-04-07	2005-00839	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 P.3-4	380	20051P.3-4	2005-03-14		2005-04-26	2005-00843	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 P.3-5	1691	20051P.3-5	2005-03-14		2005-03-29	2005-00941	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 P.3-6	733	20051P.3-6	2005-03-24		2005-05-18	2005-00997	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20051 P.3-7	547	20051P.3-7	2005-02-23		2005-03-07	2005-00627	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
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20052 A.2-323	543	20052A.2-3-23	2005-05-04		2005-05-20	2005-01517	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.2-324	1507	20052A.2-3-24	2005-05-04		2005-05-19	2005-01520	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.2-325	520	20052A.2-3-25	2005-05-04		2005-05-19	2005-01519	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.2-326	527	20052A.2-3-26	2005-05-04		2005-05-18	2005-01518	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.2-428	144	20052A.2-4-28	2005-04-18		2005-04-26	2005-01333	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-231	304	20052A.3-2-31	2005-04-12		2005-04-26	2005-01245	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-233	306	20052A.3-2-33	2005-04-11		2005-04-26	2005-01246	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-234	1401	20052A.3-2-34	2005-04-11		2005-04-29	2005-01247	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-235	78	20052A.3-2-35	2005-05-19		2005-07-12	2005-01781	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-236	211	20052A.3-2-36	2005-04-12		2005-04-28	2005-01244	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-337	1300	20052A.3-3-37	2005-06-30		2005-07-18	2005-02274	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-338	136	20052A.3-3-38	2005-04-19		2005-05-20	2005-01334	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-339	143	20052A.3-3-39	2005-04-19		2005-06-01	2005-01335	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-341	820	20052A.3-3-41	2005-04-18		2005-05-01	2005-01337	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-342	141	20052A.3-3-42	2005-04-19		2005-05-01	2005-01336	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-443	819	20052A.3-3-43	2005-05-19		2005-07-14	2005-01782	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-444	1288	20052A.3-4-44	2005-05-19		2005-07-13	2005-01783	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 A.3-445	1293	20052A.3-4-45	2005-05-19		2005-07-13	2005-01783	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 P.2-9	1419	20052P.2-9	2005-06-24		2005-06-08	2005-02275	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 P.3-11	1698	20052P.3-11	2005-05-19		2005-07-18	2005-01786	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 P.3-12	547	20052P.3-12	2005-04-11		2005-05-06	2005-01249	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 P.3-13	378	20052P.3-13	2005-05-04		2005-05-18	2005-01516	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20052 P.3-14	1697	20052P.3-14	2005-05-19		2005-07-15	2005-01785	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.2-3-47	543	20053A.2-3-47	2005-08-30		2005-09-22	2005-03100	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.2-3-48	227	20053A.2-3-48	2005-08-18		2005-09-19	2005-02964	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.2-350	1148	20053A.2-3-50	2005-08-30		2005-09-22	2005-03102	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.2-451	1705	20053A.2-4-51	2005-08-30		2005-09-22	2005-03101	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.2-452	144	20053A.2-4-52	2005-09-08		2005-10-03	2005-03191	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.2-453	1700	20053A.2-4-53	2005-09-26		2005-09-22	2005-03064	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.2-56	306	20053A.3-2-56	2005-08-30		2005-09-26	2005-03103	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-257	769	20053A.3-2-57	2005-09-08		2005-10-03	2005-03193	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-259	78	20053A.3-2-59	2005-08-30		2005-09-22	2005-03098	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-260	1136	20053A.3-2-60	2005-08-18		2005-09-19	2005-02963	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-362	819	20053A.3-3-62	2005-10-12		2005-12-23	2005-03579	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-363	820	20053A.3-3-63	2005-08-18		2005-09-19	2005-02959	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-365	728	20053A.3-3-65	2005-10-12		2005-12-22	2005-03586	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-366	1144	20053A.3-3-66	2005-10-12		2005-12-23	2005-03578	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-467	1293	20053A.3-4-67	2005-08-30		2005-08-28	2005-03105	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-468	1336	20053A.3-4-68	2005-08-30		2005-10-12	2005-03580	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 A.3-469	1288	20053A.3-4-69	2005-08-30		2005-09-26	2005-03104	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20053 P.2-15	1419	20053P.2-15	2005-09-08		2005-10-03	2005-03190	TRUE	FALSE	FALSE	FALSE	FALSE	

20063 P.3-17	1697	20063P.3-17	2006-09-27		2006-12-05	2006-03663	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20063 P.3-18	1698	20063P.3-18	2006-09-27		2006-12-05	2006-03643	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.2-3-74	1981	20064A.2-3-74	2006-12-15		2007-01-12	2006-04662	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.2-3-75	540	20064A.2-3-75	2006-12-04		2007-01-12	2006-04494	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.2-3-76	314	20064A.2-3-76	2006-12-04		2006-01-12	2006-04495	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.2-3-77	527	20064A.2-3-77	2006-12-15		2007-01-12	2006-04661	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.2-4-78	1700	20064A.2-4-78	2006-12-04		2006-01-12	2006-04496	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.2-4-79	404	20064A.2-4-79	2006-11-17		2006-12-27	2006-04363	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.2-4-80	1705	20064A.2-4-80	2006-12-04		2007-01-12	2006-04497	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.3-2-82	378	20064A.3-2-82	2006-11-17		2006-12-27	2006-04368	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.3-2-83	1401	20064A.3-2-83	2006-11-01		2006-12-27	2006-04169	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.3-2-84	1581	20064A.3-2-84	2006-11-17		2006-12-22	2006-04267	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.3-2-85	304	20064A.3-2-85	2006-11-01		2006-12-22	2006-04170	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.3-2-86	306	20064A.3-2-86	2006-11-01		2006-12-22	2006-04171	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.3-3-88	820	20064A.3-3-88	2006-11-09		2006-12-22	2006-04270	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
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20064 A.3-3-91	465	20064A.3-3-91	2006-11-09		2006-12-22	2006-04274	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 A.3-3-92	728	20064A.3-3-92	2006-11-01		2006-12-22	2006-04169	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 P.2-20	1596	20064P.2-20	2006-11-08		2006-12-22	2006-04275	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 P.2-21	776	20064P.2-21	2006-11-17		2007-12-27	2006-04369	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 P.2-22	216	20064P.2-22	2006-12-15		2007-01-12	2006-04660	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20064 P.3-24	137	20064P.3-24	2006-11-17		2006-12-27	2006-04370	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.2-3-1	1148	20071A.2-3-1	2007-02-13		2007-03-15	2007-00545	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.2-3-2	527	20071A.2-3-2	2007-02-13		2007-03-15	2007-00546	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.2-3-3	540	20071A.2-3-3	2007-01-23		2007-03-12	2007-00061	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.2-3-4	314	20071A.2-3-4	2007-01-23		2007-03-12	2007-00260	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.2-4-5	1863	20071A.2-4-5	2007-02-28		2007-04-23	2007-00779	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.2-4-6	1738	20071A.2-4-6	2007-02-28		2007-05-14	2007-00780	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
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20071 A.2-4-8	1237	20071A.2-4-8	2007-03-15		2007-04-25	2007-01061	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-2-10	378	20071A.3-2-10	2007-03-23		2007-04-25	2007-01188	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-2-11	100	20071A.3-2-11	2007-02-16		2007-03-15	2007-00613	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-2-12	211	20071A.3-2-12	2007-03-23		2007-04-25	2007-01190	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-2-13	1164	20071A.3-2-13	2007-03-23		2007-03-15	2007-00707	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-2-14	304	20071A.3-2-14	2007-01-23		2007-03-12	2007-00259	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-3-15	141	20071A.3-3-15	2007-03-23		2007-04-25	2007-01191	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-3-16	819	20071A.3-3-16	2007-03-16		2007-03-16	2007-1062	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-3-17	1625	20071A.3-3-17	2007-03-15		2007-04-26	2007-01062	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-3-18	869	20071A.3-3-18	2007-03-16		2007-03-16	2007-1063	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-3-19	728	20071A.3-3-19	2007-03-15		2007-04-26	2007-01060	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-3-20	820	20071A.3-3-20	2007-04-10		2007-04-27	2007-1415	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-4-21	831	20071A.3-4-21	2007-03-16		2007-04-26	2007-01069	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-4-22	1288	20071A.3-4-22	2007-03-16		2007-04-25	2007-01067	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-4-23	1350	20071A.3-4-23	2007-03-16		2007-04-25	2007-01070	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-4-24	1293	20071A.3-4-24	2007-03-16		2007-04-25	2007-01068	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 A.3-5-25	1580	20071A.3-5-25	2007-02-23		2007-03-15	2007-00709	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 P.2-1	1596	20071P.2-1	2007-02-13		2007-03-15	2007-00544	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 P.3-2	137	20071P.3-2	2007-01-31		2007-04-18	2007-00375	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20071 P.3-3	1697	20071P.3-3	2007-01-17		2007-03-12	2007-00195	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.2-3-28	520	20072A.2-3-28	2007-06-12		2007-06-12	07-1678	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.2-3-27	314	20072A.2-3-27	2007-05-04		2007-09-09	07-1750	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.2-3-28	1537	20072A.2-3-28	2007-05-29		2007-07-13	07-2100	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.2-3-29	1148	20072A.2-3-29	2007-05-04		2007-09-18	07-1751	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
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20072 A.2-4-31	1079	20072A.2-4-31	2007-05-25		2007-07-13	07-2044	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.2-4-32	1863	20072A.2-4-32	2007-05-25		2007-05-25	07-2043	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
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20072 A.2-4-34	144	20072A.2-4-34	2007-06-19		2007-07-13	07-2409	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-2-37	378	20072A.3-2-37	2007-05-18		2018-09-07	07-1972	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-2-38	1581	20072A.3-2-38	2007-05-29		2007-07-13	07-2101	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-2-39	211	20072A.3-2-39	2007-06-27		2007-07-25	07-2541	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-2-40	871	20072A.3-2-40	2007-07-04		2007-07-25	07-2627	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-2-41	100	20072A.3-2-41	2007-06-04		2007-09-19	07-1752	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-3-42	466	20072A.3-3-42	2007-06-27		2007-07-25	07-2543	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-3-43	1625	20072A.3-3-43	2007-04-07		2007-06-11	07-1680	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-3-44	465	20072A.3-3-44	2007-05-18		2007-09-19	07-1973	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-3-45	136	20072A.3-3-45	2007-06-19		2007-07-13	07-2405	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-3-46	820	20072A.3-3-46					TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-3-47	141	20072A.3-3-47	2007-06-27		2007-07-25	07-2542	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-4-48	1360	20072A.3-4-48	2007-05-08		2007-07-13	07-2241	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-4-49	1293	20072A.3-4-49	2007-06-08		2007-07-13	07-2242	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-4-50	831	20072A.3-4-50	2007-06-08		2007-07-13	07-2243	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 A.3-5-52	884	20072A.3-5-52	2007-06-19		2007-07-13	07-2407	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 P.2-6	1419	20072P.2-6	2007-04-18		2007-04-27	07-1560	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 P.3-7	137	20072P.3-7	2007-04-27		2007-06-12	07-1679	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20072 P.3-8	1698	20072P.3-8	2007-04-18		2007-04-27	07-1561	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-3-53	543	20073A.2-3-53	2007-07-31		2007-08-09	07-2964	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-3-54	1507	20073A.2-3-54	2007-08-10		2007-09-25	07-3151	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-3-55	234	20073A.2-3-55	2007-08-10		2007-09-25	07-3156	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-3-56	227	20073A.2-3-56	2007-08-10		2007-09-25	07-3148	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-3-57	314	20073A.2-3-57	2007-08-10		2007-09-25	07-3157	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-4-58	1338	20073A.2-4-58	2007-09-31		2007-09-25	07-3428	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-4-59	1789	20073A.2-4-59	2007-10-03		2007-11-13	07-3810	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-4-60	404	20073A.2-4-60					TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.2-4-61	1700	20073A.2-4-61	2007-07-12		2007-08-07	07-3729	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-2-63	553	20073A.3-2-63	2007-09-26		2007-10-05	07-3730	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-2-64	78	20073A.3-2-64	2007-08-31		2007-09-25	07-320	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-2-65	100	20073A.3-2-65	2007-09-07		2007-09-25	07-3225	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-2-66	211	20073A.3-2-66	2007-09-26		2007-10-05	07-3729	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-2-67	1164	20073A.3-2-67	2007-08-31		2007-09-25	07-3431	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-2-68	1401	20073A.3-2-68	2007-09-07		2007-09-25	07-3526	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-3-69	1300	20073A.3-3-69	2007-09-07		2007-09-25	07-3527	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-3-70	466	20073A.3-3-70	2007-08-31		2007-09-25	07-3429	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-3-72	820	20073A.3-3-72	2007-08-31		2007-09-25	07-3423	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
20073 A.3-3-73	143	20073A.3-3-73	2007-08-31		2007-11-08	07-3426						

Concatenated	BCF	YearQ	FarmCode	Virus / Agent	FishId	PenId	PoolId	ViroHrNV	ViroIPNV	ViroISA	ViroVHS	ViroPiscIRickett	PoolPCR	IndivPCR	PoolCult	IndivCult	Virus1
20024 A.2.3-32	56	20024	A.2.3-32	VHS	20024		1						0				
20024 A.2.3-32	56	20024	A.2.3-32	IPNV	20024		1						0				
20024 A.2.3-32	56	20024	A.2.3-32	ISA	20024		1						0				
20024 A.2.3-32	56	20024	A.2.3-32	VHS	20024		1						0				
20024 A.2.3-32	56	20024	A.2.3-32	Piscinickettsa	20024		1						0				
20024 A.2.3-42	520	20024	A.2.3-42	IPNV	20024		1						0				
20024 A.2.3-42	520	20024	A.2.3-42	VHS	20024		2						0				
20024 A.2.3-42	520	20024	A.2.3-42	Piscinickettsa	20024		2						-1				
20024 A.2.3-42	520	20024	A.2.3-42	IPNV	20024		1						0				
20024 A.2.3-42	520	20024	A.2.3-42	ISA	20024		1						0				
20024 A.2.3-42	520	20024	A.2.3-42	VHS	20024		1						0				
20024 A.2.3-42	520	20024	A.2.3-42	Piscinickettsa	20024		1						-1				
20024 A.2.3-42	520	20024	A.2.3-42	IPNV	20024		2						0				
20024 A.2.3-42	520	20024	A.2.3-42	ISA	20024		2						0				
20024 A.2.3-42	520	20024	A.2.3-42	VHS	20024		2						0				
20024 A.2.3-43	527	20024	A.2.3-43	IPNV	20024		1						0				
20024 A.2.3-43	527	20024	A.2.3-43	ISA	20024		1						0				
20024 A.2.3-43	527	20024	A.2.3-43	VHS	20024		1						0				
20024 A.2.3-43	527	20024	A.2.3-43	Piscinickettsa	20024		1						0				
20024 A.2.3-43	527	20024	A.2.3-43	IPNV	20024		1						-1				
20024 A.2.3-43	527	20024	A.2.3-43	VHS	20024		2						-1				
20024 A.2.3-43	527	20024	A.2.3-43	ISA	20024		2						0				
20024 A.2.3-43	527	20024	A.2.3-43	VHS	20024		2						0				
20024 A.2.3-43	527	20024	A.2.3-43	Piscinickettsa	20024		2						-1				
20024 A.2.3-43	527	20024	A.2.3-43	IPNV	20024		3						0				
20024 A.2.3-43	527	20024	A.2.3-43	ISA	20024		3						0				
20024 A.2.3-43	527	20024	A.2.3-43	Piscinickettsa	20024		3						-1				
20024 A.2.3-43	527	20024	A.2.3-43	VHS	20024		3						0				
20024 A.2.3-47	1291	20024	A.2.3-47	IPNV	20024		4						-1		0		
20024 A.2.3-47	1291	20024	A.2.3-47	Piscinickettsa	20024		4						0		0		
20024 A.2.3-47	1291	20024	A.2.3-47	VHS	20024		4						0		0		
20024 A.2.3-47	1291	20024	A.2.3-47	VHS	20024		2						0		0		
20024 A.2.3-47	1291	20024	A.2.3-47	IPNV	20024												

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20074_P-2-12		1419	20074	P-2-12	IPNV				2						0				
20074_P-2-12		1419	20074	P-2-12	VHS				1						0				
20074_P-2-12		1419	20074	P-2-12	Pisrickettsia				2						-1				
20074_P-2-12		1419	20074	P-2-12	IPNV				1						0				
20074_P-2-12		1419	20074	P-2-12	Pisrickettsia				1						-1				
20074_P-2-12		1419	20074	P-2-12	IPNV				2						0				
20074_P-3-13		1697	20074	P-3-13	IHNV				1						0				
20074_P-3-13		1697	20074	P-3-13	VHS				1						0				
20074_P-3-13		1697	20074	P-3-13	ISA				1						0				
20074_P-3-13		1697	20074	P-3-13	IPNV				1						0				
20074_P-3-13		1697	20074	P-3-13	ISA				2						0				
20074_P-3-13		1697	20074	P-3-13	Pisrickettsia				1						0				
20074_P-3-13		1697	20074	P-3-13	VHS				2						0				
20074_P-3-13		1697	20074	P-3-13	Pisrickettsia				2						0				
20074_P-3-13		1697	20074	P-3-13	IPNV				2						0				
20074_P-3-13		1697	20074	P-3-13	IHNV				2						0				
20074_P-3-16		216	20074	P-3-16	Pisrickettsia				1						0				
20074_P-3-16		216	20074	P-3-16	VHS				1						0				
20074_P-3-16		216	20074	P-3-16	ISA				1						0				
20074_P-3-16		216	20074	P-3-16	IPNV				1						0				
20074_P-3-16		216	20074	P-3-16	IHNV				1						0				

Concatenated	BCF	YearQ	FarmCode	DXNum	DiagType	Action	Diagnosis	TreatType	TreatDrug	TreatStart	TreatEnd	TreatRx	TreatReason
20024 A.2-3-32	29	20024	A.2-3-32	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2002-12-07	2002-12-13	TRUE	
20024 A.2-3-43	527	20024	A.2-3-43	1	Vet	Treatment	rickettsiosis	medicated feed	lm-aqua			TRUE	
20024 A.2-4-11	404	20024	A.2-4-11	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2002-10-24	2002-10-30	TRUE	
20024 A.2-4-12	1078	20024	A.2-4-12	1		Treatment	Sea lice infection	medicated feed	slice	2002-08-25	2002-09-03	TRUE	
20024 A.3-3-33	458	20024	A.3-3-33	1				ip injection		2002-10-24		FALSE	
20024 P.2-18	112	20024	P.2-18	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2002-09-04	2002-09-16	TRUE	
20024 P.2-20	1554	20024	P.2-20	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2002-11-06	2002-11-15	FALSE	
20024 P.3-27	769	20024	P.3-27	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2002-10-03	2002-10-12	TRUE	
20031 A.2-3-11	314	20031	A.2-3-11	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2002-09-07	2003-09-13	TRUE	
20031 A.2-4-1	404	20031	A.2-4-1	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2002-08-25	2002-08-31	TRUE	
20031 A.2-4-3	1078	20031	A.2-4-3	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2003-01-15	2003-01-19	TRUE	
20031 A.2-4-7	1237	20031	A.2-4-7	1	Vet	No Treatment	Sea lice infection	medicated feed	slice	2002-12-10	2002-12-16	FALSE	
20031 A.3-3-15	142	20031	A.3-3-15	1	Farm	No Treatment	Sea lice sampling	anaesthetic	ms222	2003-02-07	2003-02-07	FALSE	
20031 A.3-3-16	143	20031	A.3-3-16	1	Farm		Sea lice sampling	anaesthetic	ms222	2003-03-11	2003-03-11	FALSE	
20031 A.3-3-5	819	20031	A.3-3-5	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2002-12-10	2002-12-17	TRUE	
20031 A.3-4-5	884	20031	A.3-4-5	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2003-02-19	2003-02-19	FALSE	
20031 P.3-12	547	20031	P.3-12	1	Vet	Treatment	BKD	medicated feed	lm-100	2002-12-19	2002-12-28	FALSE	
20031 P.3-14	733	20031	P.3-14	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2002-11-06	2002-11-12	FALSE	
20031 P.3-15	1580	20031	P.3-15	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2002-12-26	2003-01-04	TRUE	
20031 P.3-9	137	20031	P.3-9	1	Vet	Treatment	BKD	medicated feed	lm-100	2003-01-25	2003-02-01	TRUE	
20032 A.2-3-34	1507	20032	A.2-3-34	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2003-05-25	2003-05-30	FALSE	
20032 A.2-3-45	527	20032	A.2-3-45	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-03-08	2003-03-15	TRUE	
20032 A.2-4-12	1078	20032	A.2-4-12	1			weight sample	anaesthetic	lm-aqua	2003-04-24	2003-04-24	FALSE	
20032 A.2-4-13	1962	20032	A.2-4-13	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2003-03-04	2003-03-08	TRUE	
20032 A.2-4-14	1079	20032	A.2-4-14	1		Treatment	furunculosis	medicated feed	aqualor	2003-04-24	2003-05-07	TRUE	
20032 A.2-4-18	1238	20032	A.2-4-18	1			Sea lice sampling	anaesthetic	ms222	2003-03-25	2003-03-25	TRUE	
20032 A.3-2-24	100	20032	A.3-2-24	1	Vet	Treatment	furunculosis	medicated feed	aqualor	2003-05-08	2003-05-17	TRUE	
20032 A.3-2-43	1136	20032	A.3-2-43	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-06-10	2003-06-16	TRUE	
20032 A.3-3-33	136	20032	A.3-3-33	1			Sea lice sampling	anaesthetic	ms222	2003-05-07	2003-05-07	TRUE	
20032 A.3-4-9	461	20032	A.3-4-9	1		Treatment	Sea lice infection	medicated feed	slice	2003-02-05	2003-02-11	TRUE	
20032 A.3-4-17	1336	20032	A.3-4-17	1		Treatment	furunculosis	medicated feed	aqualor	2003-04-20	2003-04-29	TRUE	
20032 P.2-19	1206	20032	P.2-19	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-03-10	2003-03-24	TRUE	
20032 P.2-22	1158	20032	P.2-22	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-05-09	2003-05-15	TRUE	
20032 P.2-23	1554	20032	P.2-23	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-04-28	2003-05-08	TRUE	
20032 P.3-28	248	20032	P.3-28	1		Treatment	BKD	medicated feed	lm-aqua	2003-04-20	2003-05-03	TRUE	
20032 P.3-30	769	20032	P.3-30	1		Treatment	BKD	medicated feed	lm-aqua			FALSE	
20032 P.3-33	1580	20032	P.3-33	1		Treatment	Sea lice infection	medicated feed	slice	2003-05-02	2003-05-09	TRUE	
20033 A.2-3-21	270	20033	A.2-3-21	1		Treatment	septicemia	medicated feed	aqualor	2003-06-17	2003-06-28	FALSE	
20033 A.2-3-45	1507	20033	A.2-3-45	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-08-02	2003-08-08	TRUE	
20033 A.2-4-1	404	20033	A.2-4-1	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-08-27	2003-08-31	TRUE	
20033 A.2-4-22	1078	20033	A.2-4-22	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-08-24	2003-08-30	FALSE	
20033 A.2-4-28	1238	20033	A.2-4-28	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-08-13	2003-08-20	TRUE	
20033 A.3-2-22	34	20033	A.3-2-22	1		Treatment	Sea lice infection	medicated feed	slice	2003-05-29	2003-06-04	FALSE	
20033 A.3-2-28	100	20033	A.3-2-28	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-06-25	2003-07-01	TRUE	
20033 A.3-2-32	1136	20033	A.3-2-32	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-06-10	2003-06-16	TRUE	
20033 A.3-3-25	819	20033	A.3-3-25	1			Sea lice sampling	anaesthetic	ms222	2003-08-02	2003-08-02	TRUE	
20033 A.3-3-26	869	20033	A.3-3-26	1			Sea lice sampling	anaesthetic	ms222	2003-08-09	2003-08-09	TRUE	
20033 A.3-3-36	143	20033	A.3-3-36	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2003-06-23	2003-06-27	TRUE	
20033 A.3-3-37	461	20033	A.3-3-37	1			Sea lice sampling	anaesthetic	ms222	2003-07-14	2003-07-14	TRUE	
20033 A.3-4-22	1336	20033	A.3-4-22	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2003-07-08	2003-07-12	TRUE	
20033 A.3-4-26	831	20033	A.3-4-26	1		Treatment	Sea lice sampling	anaesthetic	ms222	2003-09-25	2003-09-25	TRUE	
20033 A.3-4-28	1351	20033	A.3-4-28	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-07-24	2003-07-31	TRUE	
20033 P.2-28	1158	20033	P.2-28	1	Farm		algal bloom					FALSE	
20033 P.2-29	1554	20033	P.2-29	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-07-07	2003-07-14	TRUE	
20033 P.3-29	137	20033	P.3-29	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-08-10	2003-08-19	TRUE	
20033 P.3-35	1580	20033	P.3-35	1		Treatment	BKD	medicated feed	lm-aqua	2003-06-26	2003-07-05	TRUE	
20033 P.3-37	1626	20033	P.3-37	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-07-22	2003-07-29	TRUE	
20033 P.3-38	380	20033	P.3-38	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-07-25	2003-08-04	TRUE	
20034 A.2-3-50	234	20034	A.2-3-50	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-08-10	2003-08-16	TRUE	
20034 A.2-4-51	1238	20034	A.2-4-51	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2004-08-11		FALSE	
20034 A.2-4-52	1078	20034	A.2-4-52	1			Sea lice sampling	anaesthetic	ms222	2003-12-08	2003-12-08	TRUE	
20034 A.2-4-53	404	20034	A.2-4-53	1			Sea lice sampling	anaesthetic	ms222	2003-11-20	2003-11-20	TRUE	
20034 A.3-2-54	100	20034	A.3-2-54	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-10-27	2003-11-04	TRUE	
20034 A.3-3-56	869	20034	A.3-3-56	1	Farm	No Treatment	Sea lice sampling	anaesthetic	ms222	2003-10-26	2003-10-26	TRUE	
20034 A.3-3-57	461	20034	A.3-3-57	1			Sea lice sampling	anaesthetic	ms222	2003-08-20	2003-08-20	TRUE	
20034 A.3-3-58	136	20034	A.3-3-58	1			Sea lice sampling	anaesthetic	ms222	2003-11-18	2003-11-18	TRUE	
20034 A.3-3-59	819	20034	A.3-3-59	1	Farm	No Treatment	Sea lice sampling	anaesthetic	ms222	2003-10-07	2003-10-07	TRUE	
20034 A.3-3-60	144	20034	A.3-3-60	1			Sea lice sampling	anaesthetic	ms222	2003-11-14	2003-11-14	TRUE	
20034 P.3-51	1626	20034	P.3-51	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2003-11-14	2003-11-24	TRUE	
20041 A.2-4-7	1079	20041	A.2-4-5	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2004-01-09	2004-01-14	TRUE	
20041 A.2-4-7	1700	20041	A.2-4-7	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2004-02-05	2004-02-10	TRUE	
20041 A.2-4-8	1338	20041	A.2-4-8	1	Vet		Sea lice sampling	anaesthetic	ms222	2004-01-15	2004-01-15	TRUE	
20041 A.3-2-10	304	20041	A.3-2-10	1			Sea lice sampling	anaesthetic	ms222	2004-03-22	2004-03-22	TRUE	
20041 A.3-2-11	100	20041	A.3-2-11	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2003-10-27	2003-11-04	TRUE	
20041 A.3-3-12	729	20041	A.3-3-12	1			Sea lice sampling	anaesthetic	ms222	2004-02-11	2004-02-11	TRUE	
20041 A.3-3-13	869	20041	A.3-3-13	1			Sea lice sampling	anaesthetic	ms222	2004-02-15	2004-02-15	TRUE	
20041 A.3-3-14	136	20041	A.3-3-14	1			Sea lice sampling	anaesthetic	ms222	2004-02-01	2004-02-01	TRUE	
20041 A.3-3-15	820	20041	A.3-3-15	1			Sea lice sampling	anaesthetic	ms222	2004-03-03	2004-03-03	TRUE	
20041 A.3-3-16	819	20041	A.3-3-16	1			Sea lice sampling	anaesthetic	ms222	2004-03-04	2004-03-04	TRUE	
20041 A.3-3-17	1144	20041	A.3-3-17	1		Treatment	Sea lice infection	medicated feed	slice	2003-12-17	2003-12-24	TRUE	
20041 A.3-4-18	1338	20041	A.3-4-18	1			Sea lice sampling	anaesthetic	ms222	2004-03-10	2004-03-10	TRUE	
20041 P.2-3	1159	20041	P.2-3	1	Vet	Treatment	BKD	medicated feed		2003-11-30	2003-12-09	TRUE	
20041 P.2-5	112	20041	P.2-5	1	Vet	Treatment	BKD	medicated feed		2004-02-10	2004-02-19	TRUE	
20041 P.3-8	733	20041	P.3-8	1	Vet	Treatment	BKD	medicated feed		2004-01-05	2004-01-19	TRUE	
20042 A.2-3-20	527	20042	A.2-3-20	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2004-04-13	2004-04-17	TRUE	
20042 A.2-4-22	404	20042	A.2-4-22	1			Sea lice sampling	anaesthetic	ms222	2004-05-10	2004-05-10	TRUE	
20042 A.2-4-24	1338	20042	A.2-4-24	1	Vet	Treatment	Sea lice infection	medicated feed	slice	2004-03-27	2004-04-02	TRUE	
20042 A.2-4-25	1238	20042	A.2-4-25	1	Farm		Sea lice sampling	anaesthetic	ms222	2004-04-26	2004-04-26	TRUE	
20042 A.3-2-29	304	20042	A.3-2-29	1			Sea lice sampling	anaesthetic	ms222	2004-03-22	2004-03-22	TRUE	
20042 A.3-2-30	1401	20042	A.3-2-30	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2004-04-16	2004-04-16	FALSE	
20042 A.3-3-31	1144	20042	A.3-3-31	1			Sea lice sampling	anaesthetic	ms222	2004-05-04	2004-05-04	TRUE	
20042 A.3-3-35	820	20042	A.3-3-35	1			Sea lice sampling	anaesthetic	ms222	2004-04-28	2004-04-28	TRUE	
20042 A.3-4-37	1288	20042	A.3-4-37	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	lbrissan	2004-06-12	2004-06-16	TRUE	
20042 A.3-4-38	1338	20042	A.3-4-38	1			Sea lice sampling						

20054 A.2.4.74	1338	20054 A.2.4.74	1		Sea lice sampling	anaesthetic	ms222	2005-11-13	2005-11-13	TRUE		
20054 A.2.4.75	1238	20054 A.2.4.75	1		Sea lice sampling	anaesthetic	ms222	2005-10-06	2005-10-06	TRUE		
20054 A.2.4.76	1376	20054 A.2.4.76	1		Sea lice sampling	anaesthetic	ms222	2005-11-21	2005-11-21	TRUE		
20054 A.2.2.78	304	20054 A.2.2.78	1		weight sampling	anaesthetic	ms222	2005-09-05	2005-09-05	TRUE		
20054 A.3.2.80	1401	20054 A.3.2.80	1		weight sampling	anaesthetic	ms222	2005-10-06	2005-10-06	TRUE		
20054 A.3.2.82	100	20054 A.3.2.82	1		Sea lice sampling	anaesthetic	ms222	2005-12-07	2005-12-07	TRUE		
20054 A.3.2.83	769	20054 A.3.2.83	1	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2005-08-26	2005-09-01	TRUE		
20054 A.3.3.85	465	20054 A.3.3.85	1		Sea lice sampling	anaesthetic	ms222	2005-10-13	2005-10-13	TRUE		
20054 A.3.3.86	819	20054 A.3.3.86	1		medicated feed	aqualor		2005-10-10	2005-10-19	TRUE		
20054 A.3.3.88	869	20054 A.3.3.88	1		BKD	medicated feed	lm-aqua	2005-09-13	2005-09-22	TRUE		
20054 A.3.4.90	831	20054 A.3.4.90	1		Sea lice sampling	anaesthetic	ms222	2005-11-14	2005-11-14	TRUE		
20054 A.3.4.92	1338	20054 A.3.4.92	1		Sea lice sampling	anaesthetic	ms222	2005-10-08	2005-10-08	TRUE		
20054 A.3.4.93	892	20054 A.3.4.93	1		Sea lice sampling	anaesthetic	ms222	2005-11-12	2005-11-12	TRUE		
20061 A.2.3.1	1472	20061 A.2.3.1	1	Farm	weight sampling	anaesthetic	ms222	2006-01-25	2006-01-25	TRUE		
20061 A.2.3.3	221	20061 A.2.3.3	1		Sea lice sampling	anaesthetic	ms222	2006-01-26	2006-01-26	TRUE		
20061 A.2.3.4	520	20061 A.2.3.4	1	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2005-12-10	2005-12-14	TRUE		
20061 A.2.3.5	314	20061 A.2.3.5	1		Sea lice sampling	anaesthetic	ms222	2006-01-25	2006-01-25	TRUE		
20061 A.2.4.6	1079	20061 A.2.4.6	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-01-03	2006-01-08	TRUE	
20061 A.2.4.7	1238	20061 A.2.4.7	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2006-02-22	2006-02-22	FALSE	
20061 A.2.4.8	1338	20061 A.2.4.8	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-01-17	2006-01-17	TRUE		
20061 A.3.2.11	1626	20061 A.3.2.11	1	Treatment	Sea lice infection	medicated feed	silce	2006-01-18	2006-01-24	TRUE		
20061 A.3.2.12	780	20061 A.3.2.12	1		Sea lice sampling	anaesthetic	ms222	2006-01-08	2006-01-08	TRUE		
20061 A.3.2.13	100	20061 A.3.2.13	1		Sea lice sampling	anaesthetic	ms222	2006-12-07	2006-12-07	TRUE		
20061 A.3.2.14	78	20061 A.3.2.14	1		Sea lice sampling	anaesthetic	ms222	2006-02-13	2006-02-13	TRUE		
20061 A.3.3.15	1301	20061 A.3.3.15	1		anaesthetic	ms222	2006-02-03	2006-02-03	TRUE			
20061 A.3.3.16	466	20061 A.3.3.16	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-02-26	2006-03-04	FALSE	
20061 A.3.3.17	465	20061 A.3.3.17	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2006-01-30	2006-01-30	FALSE	
20061 A.3.3.18	141	20061 A.3.3.18	1		Treatment	Sea lice sampling	anaesthetic	ms222	2006-02-02	2006-02-02	FALSE	
20061 A.3.3.19	1144	20061 A.3.3.19	1		Sea lice sampling	anaesthetic	ms222	2006-01-19	2006-01-19	TRUE		
20061 A.3.3.21	467	20061 A.3.3.21	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2006-03-13	2006-03-13	FALSE	
20061 A.3.4.23	1288	20061 A.3.4.23	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2006-03-03	2006-03-12	TRUE	
20061 P.3.3	1697	20061 P.3.3	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2006-01-23	2006-02-01	TRUE	
20062 A.2.3.26	1507	20062 A.2.3.26	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2006-04-19	2006-04-19	TRUE	
20062 A.2.3.27	1291	20062 A.2.3.27	1	No Treatment	Sea lice sampling	anaesthetic	ms222	2006-04-19	2006-04-19	TRUE		
20062 A.2.3.28	1148	20062 A.2.3.28	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-04-07	2006-04-11	FALSE	
20062 A.2.3.30	1472	20062 A.2.3.30	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2006-04-19	2006-04-19	FALSE	
20062 A.2.4.32	1078	20062 A.2.4.32	1	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-03-10	2006-03-15	TRUE		
20062 A.2.4.33	1738	20062 A.2.4.33	1		Sea lice sampling	anaesthetic	ms222	2006-04-29	2006-04-29	TRUE		
20062 A.2.3.25	1626	20062 A.2.3.25	1		Sea lice sampling	anaesthetic	ms222	2006-05-21	2006-05-21	TRUE		
20062 A.2.3.26	211	20062 A.2.3.26	1		Sea lice sampling	anaesthetic	ms222	2006-05-20	2006-05-20	TRUE		
20062 A.2.3.27	780	20062 A.2.3.27	1		Sea lice sampling	anaesthetic	ms222	2006-05-17	2006-05-17	TRUE		
20062 A.2.3.28	100	20062 A.2.3.28	1	Vet	Treatment	Sea lice infection	medicated feed	silce	2006-03-31	2006-04-06	TRUE	
20062 A.2.3.39	869	20062 A.2.3.39	1	Vet	Treatment	Sea lice infection	medicated feed	silce	2006-02-13	2006-02-19	TRUE	
20062 A.3.4.10	467	20062 A.3.4.10	1	Treatment	Sea lice infection	medicated feed	silce	2006-02-06	2006-02-12	TRUE		
20062 A.3.4.1	728	20062 A.3.4.1	1	Treatment	Sea lice infection	medicated feed	silce	2006-03-19	2006-03-28	TRUE		
20062 A.3.3.42	143	20062 A.3.3.42	1		Sea lice sampling	anaesthetic	ms222	2006-04-27	2006-04-27	TRUE		
20062 A.3.3.43	819	20062 A.3.3.43	1	Farm	Treatment	anaesthetic	ms222	2006-03-30		FALSE		
20062 A.3.3.44	1144	20062 A.3.3.44	1	Farm	Treatment	Sea lice sampling	anaesthetic	ms222	2006-04-12	2006-04-12	TRUE	
20062 A.3.4.45	1288	20062 A.3.4.45	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	romet 30	2006-04-04	2006-04-07	TRUE	
20062 A.3.4.46	892	20062 A.3.4.46	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2006-04-06	2006-04-17	TRUE	
20062 A.3.4.47	1198	20062 A.3.4.47	1	Vet	Treatment	mouth myxobacteriosis	ip injection	romet 30	2006-04-10	2006-04-16	TRUE	
20062 A.3.5.49	1580	20062 A.3.5.49	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-05-26	2006-06-01	FALSE	
20062 P.3.12	137	20062 P.3.12	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2006-04-06	2006-04-15	TRUE	
20063 A.2.3.50	527	20063 A.2.3.50	1	Treatment	Sea lice infection	medicated feed	silce	2006-07-27	2006-08-03	TRUE		
20063 A.2.3.51	1148	20063 A.2.3.51	1		weight sampling	anaesthetic	ms222	2006-07-28	2006-07-28	TRUE		
20063 A.2.4.52	1700	20063 A.2.4.52	1		Sea lice sampling	anaesthetic	ms222	2006-07-30	2006-07-30	TRUE		
20063 A.2.4.53	144	20063 A.2.4.53	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-07-21	2006-07-21	TRUE		
20063 A.2.4.54	404	20063 A.2.4.54	1		Sea lice sampling	anaesthetic	ms222	2006-07-25	2006-07-25	TRUE		
20063 A.3.2.57	306	20063 A.3.2.57	1		Sea lice sampling	anaesthetic	ms222	2006-07-18	2006-07-18	TRUE		
20063 A.3.2.58	1401	20063 A.3.2.58	1	Treatment	Sea lice infection	medicated feed	silce	2006-07-16	2006-07-22	TRUE		
20063 A.3.2.60	100	20063 A.3.2.60	1		Sea lice sampling	anaesthetic	ms222	2006-09-06	2006-09-06	TRUE		
20063 A.3.2.61	1136	20063 A.3.2.61	1		Sea lice sampling	anaesthetic	ms222	2006-09-11	2006-09-11	TRUE		
20063 A.3.3.63	465	20063 A.3.3.63	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-07-30	2006-07-30	TRUE		
20063 A.3.3.64	1825	20063 A.3.3.64	1	Vet	Treatment	furunculosis	medicated feed	aqualor	2006-04-29	2006-05-12	TRUE	
20063 A.3.3.65	143	20063 A.3.3.65	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-08-02	2006-08-02	TRUE		
20063 A.3.4.67	863	20063 A.3.4.67	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-08-01	2006-08-07	TRUE	
20063 A.3.4.68	1335	20063 A.3.4.68	1	Vet	Treatment	Sea lice infection	medicated feed	silce	2006-05-25	2006-06-02	TRUE	
20063 A.3.4.69	1288	20063 A.3.4.69	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	romet 30	2006-06-13	2006-06-18	TRUE	
20063 A.3.4.71	1293	20063 A.3.4.71	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-07-03	2006-07-09	TRUE	
20064 A.2.3.74	1281	20064 A.2.3.74	1		weight sample	anaesthetic	ms222	2006-12-07	2006-12-07	TRUE		
20064 A.2.3.75	540	20064 A.2.3.75	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-11-20	2006-11-20	TRUE		
20064 A.2.3.76	314	20064 A.2.3.76	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2006-10-18	2006-10-22	TRUE	
20064 A.2.3.77	527	20064 A.2.3.77	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-12-08	2006-12-08	TRUE		
20064 A.2.4.78	1700	20064 A.2.4.78	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-11-13	2006-11-13	TRUE		
20064 A.2.4.79	404	20064 A.2.4.79	1		Sea lice sampling	anaesthetic	ms222	2006-11-05	2006-11-05	TRUE		
20064 A.2.4.80	1705	20064 A.2.4.80	1	Treatment	Sea lice sampling	anaesthetic	ms222	2006-11-24	2006-11-24	TRUE		
20064 A.3.2.82	378	20064 A.3.2.82	1	Vet	Treatment	Sea lice infection	anaesthetic	silce	2006-11-04	2006-11-10	TRUE	
20064 A.3.2.83	1401	20064 A.3.2.83	1	No Treatment	Sea lice sampling	anaesthetic	ms222	2006-10-24	2006-10-24	TRUE		
20064 A.3.2.85	304	20064 A.3.2.85	1		Sea lice sampling	anaesthetic	ms222	2006-10-17	2006-10-17	TRUE		
20064 A.3.2.86	306	20064 A.3.2.86	1		Sea lice sampling	anaesthetic	ms222	2006-10-04	2006-10-04	TRUE		
20064 A.3.3.88	820	20064 A.3.3.88	1		Sea lice sampling	anaesthetic	ms222	2006-11-01	2006-11-01	TRUE		
20064 A.3.3.90	1301	20064 A.3.3.90	1		anaesthetic	ms222	2006-11-04	2006-11-04	TRUE			
20064 A.3.3.91	465	20064 A.3.3.91	1		Sea lice sampling	anaesthetic	ms222	2006-10-20	2006-10-20	TRUE		
20064 A.3.3.92	728	20064 A.3.3.92	1		weight samples	anaesthetic	ms222	2006-10-21	2006-10-21	TRUE		
20064 P.3.24	137	20064 P.3.24	1	Vet	Treatment	BKD	medicated feed	lm-aqua	2006-09-09	2006-09-20	TRUE	
20071 A.2.3.1	1148	20071 A.2.3.1	1	Treatment	Sea lice sampling	anaesthetic	ms222	2007-02-07	2007-02-07	TRUE		
20071 A.2.3.2	527	20071 A.2.3.2	1	Treatment	Sea lice sampling	anaesthetic	ms222	2007-02-07	2007-02-07	TRUE		
20071 A.2.3.3	540	20071 A.2.3.3	1	Treatment	Sea lice sampling	anaesthetic	ms222	2007-01-04	2007-01-04	TRUE		
20071 A.2.3.3	540	20071 A.2.3.3	2	Vet	Treatment	ricketsiosis feed	lm-aqua	2007-12-06	2007-12-27	TRUE		
20071 A.2.3.4	314	20071 A.2.3.4	1	Treatment	weight sample	anaesthetic	ms222	2007-01-15	2007-01-15	TRUE		
20071 A.2.4.5	1863	20071 A.2.4.5	1	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2007-01-31	2007-02-05	TRUE	
20071 A.2.4.5	1863	20071 A.2.4.5	2	Vet	Treatment	furunculosis	medicated feed	aqualor	2007-02-06	2007-02-19	TRUE	
20071 A.2.4.6	1738	20071 A.2.4.6	1	Treatment	weight sampling	anaesthetic	ms222	2007-02-17	2007-02-17	TRUE		
20071 A.2.4.6	1738	20071 A.2.4.6	2	Vet	Treatment	mouth myxobacteriosis	medicated feed	tribrissen	2007-01-03	2007-01-08	TRUE	
20071 A.2.4.7	1700	20071 A.2.4.7	1	Treatment	Sea lice sampling	anaesthetic	ms222	2007-02-23	2007-02-23	TRUE		
20071 A.2.4.8	1237	20071 A.2.4.8	1	Treatment	weight sampling	anaesthetic	ms222	2007-03-07	2007-03-07	TRUE		
20071 A.3.2.10	378	20071 A.3.2.10	1	Treatment	Sea lice sampling	anaesthetic	ms222	2007-01-22	2007-01-22	TRUE		
20071 A.3.2.12	211	20071 A.3.2.12	1	Vet	Treatment	Sea lice sampling	silce	2007-01-25	2007-01-31	TRUE		
20071 A.3.2.14	304	200										

Concatenated	BCF	YearQ	FarmCode	DateSubmitted	BactiWayBill	DateReceived	BactiLabNum
20024 A.2.3-2	56	20024	A.2.3-2				
20024 A.2.3-2	520	20024	A.2.3-2				
20024 A.2.3-43	527	20024	A.2.3-43				
20024 A.2.3-47	1291	20024	A.2.3-47				
20024 A.2.3-50	227	20024	A.2.3-50				
20024 A.2.4-11	404	20024	A.2.4-11				
20024 A.2.4-12	1078	20024	A.2.4-12	2002-11-13		2002-11-18	ahc102-04364
20024 A.3.2-21	304	20024	A.3.2-21				
20024 A.3.2-22	306	20024	A.3.2-22				
20024 A.3.2-29	553	20024	A.3.2-29	2002-10-30		2002-11-18	ahc102-04194
20024 A.3.3-44	141	20024	A.3.3-44				
20024 A.3.3-48	466	20024	A.3.3-48				
20024 A.3.3-49	467	20024	A.3.3-49	2002-10-30		2002-11-07	ahc102/04195
20024 A.3.4-18	1335	20024	A.3.4-18	2002-10-30		2002-11-07	Ahc102/04193
20024 A.3.4-21	1288	20024	A.3.4-21				
20024 A.3.4-23	1350	20024	A.3.4-23				
20024 A.3.4-28	831	20024	A.3.4-28				
20024 P.2-16	776	20024	P.2-16	2002-10-30		2002-11-12	AHC 102/04192
20024 P.2-18	112	20024	P.2-18	2002-12-10		2002-12-13	ahc102-04723
20024 P.2-20	1554	20024	P.2-20	2002-12-10		2002-12-13	ahc102-04724
20024 P.2-24	456	20024	P.2-24				
20024 P.3-20	216	20024	P.3-20				
20024 P.3-21	247	20024	P.3-21	2002-11-13		2002-11-18	ahc102-04365
20024 P.3-27	769	20024	P.3-27				
20031 A.2.3-11	314	20031	A.2.3-11	2003-01-28	L-682019569	2003-01-31	ahc103/00382
20031 A.2.3-17	520	20031	A.2.3-17	2003-01-28	L-682019569	2003-01-31	ahc103/00387
20031 A.2.3-7	56	20031	A.2.3-7				
20031 A.2.4-1	404	20031	A.2.4-1				
20031 A.2.4-3	1078	20031	A.2.4-3	2003-01-28	L-682019569	2003-02-07	ahc103/00381
20031 A.2.4-7	1237	20031	A.2.4-7				
20031 A.3.2-12	211	20031	A.3.2-12				
20031 A.3.2-2	304	20031	A.3.2-2	2003-02-21		2003-02-25	ahc103/00740
20031 A.3.3-15	142	20031	A.3.3-15	2003-02-17	L-682019557	2003-02-24	103/00739
20031 A.3.3-16	143	20031	A.3.3-16				
20031 A.3.3-2	136	20031	A.3.3-2				
20031 A.3.3-5	819	20031	A.3.3-5				
20031 A.3.4-11	1351	20031	A.3.4-11	2003-02-18	L-682019557	2003-02-25	ahc103/00741
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20031 A.3.4-9	831	20031	A.3.4-9				
20031 P.2-5	776	20031	P.2-5				
20031 P.2-6	1206	20031	P.2-6	2003-02-06	L-673273913	2003-02-07	ahc103/00563
20031 P.3-12	547	20031	P.3-12				
20031 P.3-14	733	20031	P.3-14				
20031 P.3-15	1580	20031	P.3-15				
20031 P.3-9	137	20031	P.3-9				
20032 A.2.3-28	314	20032	A.2.3-28				
20032 A.2.3-32	56	20032	A.2.3-32				
20032 A.2.3-34	1507	20032	A.2.3-34				
20032 A.2.3-45	527	20032	A.2.3-45				
20032 A.2.4-12	1078	20032	A.2.4-12				
20032 A.2.4-13	1852	20032	A.2.4-13	2003-05-06	L-682019549	2003-05-12	103/01884
20032 A.2.4-14	1079	20032	A.2.4-14	2003-05-06	L-682019549	2003-05-12	103/01882
20032 A.2.4-16	1238	20032	A.2.4-16	2003-04-29	L-682019547	2003-05-14	103/01785
20032 A.3.2-24	100	20032	A.3.2-24				
20032 A.3.2-43	1136	20032	A.3.2-43				
20032 A.3.3-33	136	20032	A.3.3-33				
20032 A.3.3-47	143	20032	A.3.3-47	2003-04-29	L-6282019547	2003-05-12	103/01797
20032 A.3.4-17	1336	20032	A.3.4-17	2003-05-06	L-682019549	2003-05-12	103/01886
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20032 A.3.4-25	1198	20032	A.3.4-25				
20032 P.2-14	233	20032	P.2-14	2003-04-29	L-6282019547	2003-05-14	103/01796
20032 P.2-19	1206	20032	P.2-19				
20032 P.2-22	1158	20032	P.2-22				
20032 P.2-23	1554	20032	P.2-23				
20032 P.3-23	216	20032	P.3-23	2003-05-06	L-682019549	2003-05-12	103/01881
20032 P.3-28	248	20032	P.3-28				
20032 P.3-30	769	20032	P.3-30	2003-05-15	L-682019550	2003-05-29	103/02003
20032 P.3-33	1590	20032	P.3-33	2003-05-06	L-682019549	2003-05-12	103/01885
20033 A.2.3-21	270	20033	A.2.3-21	2003-07-14	L-694011523	2003-07-18	103/02784
20033 A.2.3-27	56	20033	A.2.3-27				
20033 A.2.3-45	1507	20033	A.2.3-45				
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20033 P.2-22	244	20033	P.2-22	2003-07-09	L-694011522	2003-07-14	103/02710
20033 P.2-28	1158	20033	P.2-28				
20033 P.2-29	1554	20033	P.2-29				
20033 P.3-29	137	20033	P.3-29				
20033 P.3-35	1580	20033	P.3-35				
20033 P.3-37	1626	20033	P.3-37				
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20034 A.2.3-49	270	20034	A.2.3-49	2003-12-23		2004-01-05	2003-04791
20034 A.2.3-50	244	20034	A.2.3-50				
20034 A.2.4-51	1238	20034	A.2.4-51				
20034 A.2.4-52	1078	20034	A.2.4-52	2003-12-15		2003-12-19	2003-04667
20034 A.2.4-53	404	20034	A.2.4-53				
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20034 A.3.2-55	211	20034	A.3.2-55				
20034 A.3.3-56	869	20034	A.3.3-56				
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20034 A.3.4-62	1336	20034	A.3.4-62				
20034 P.2-39	1159	20034	P.2-39				
20034 P.2-40	244	20034	P.2-40	2003-11-12	L-694011552	2003-11-14	2003-04228
20034 P.2-41	233	20034	P.2-41	2003-11-12	L-694011552	2003-11-14	2003-04228
20034 P.2-43	1596	20034	P.2-43				
20034 P.2-44	543	20034	P.2-44				
20034 P.3-45	380	20034	P.3-45				
20034 P.3-47	769	20034	P.3-47				
20034 P.3-49	137	20034	P.3-49	2003-11-26	L-694011555	2003-12-02	2003-04482
20034 P.3-50	138	20034	P.3-50				
20034 P.3-51	1626	20034	P.3-51				
20034 P.3-52	733	20034	P.3-52				
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20041 A.2-2	527	20041	A.2-2				
20041 A.2.4-5	1078	20041	A.2.4-5				
20041 A.2.4-6	1078	20041	A.2.4-6				
20041 A.2.4-7	1700	20041	A.2.4-7				
20041 A.2.4-8	1336	20041	A.2.4-8				
20041 A.3.2-10	304	20041	A.3.2-10				
20041 A.3.2-11	100	20041	A.3.2-11	2004-01-27		2004-01-30	2004-00250
20041 A.3.3-12	728	20041	A.3.3-12	2004-03-10		2004-03-24	2004-00959
20041 A.3.3-13	869	20041	A.3.3-13				
20041 A.3.3-14	136	20041	A.3.3-14	2004-03-17		2004-03-19	2004-01097
20041 A.3.3-15	820	20041	A.3.3-15				
20041 A.3.3-16	819	20041	A.3.3-16	2004-03-10		2004-03-15	2004-01000
20041 A.3.3-17	1144	20041	A.3.3-17				
20041 A.3.4-18	1336	20041	A.3.4-18				
20041 P.2-1	244	20041	P.2-1	2004-02-10		2004-02-12	2004-00540
20041 P.2-2	233	20041	P.2-2				
20041 P.2-3	1159	20041	P.2-3				
20041 P.2-4	1158	20041	P.2-4				
20041 P.2-5	112	20041	P.2-5				
20041 P.3-10	1626	20041	P.3-10				
20041 P.3-11	388	20041	P.3-11	2004-01-16		2004-01-23	2004-00185
20041 P.3-6	769	20041	P.3-6				
20041 P.3-7	216	20041	P.3-7	2004-03-17		2004-03-22	2004-01097
20041 P.3-8	133	20041	P.3-8				
20042 A.2.3-19	1507	20042	A.2.3-19	2004-04-20	L-673725742	2004-04-26	2004-01500
20042 A.2.3-20	527	20042	A.2.3-20	2004-04-20	L-673725742	2004-04-22	2004-01499
20042 A.2.3-21	520	20042	A.2.3-21				
20042 A.2-22	404	20042	A.2-22				
20042 A.2.4-24	1338	20042	A.2.4-24				
20042 A.2.4-25	1238	20042	A.2.4-25				
20042 A.3.2-29	304	20042	A.3.2-29				
20042 A.3.2-30	1401	20042	A.3.2-30				
20042 A.3.3-31	1144	20042	A.3.3-31				
20042 A.3.3-32	143	20042	A.3.3-32				
20042 A.3.3-35	820	20042	A.3.3-35				
20042 A.3.4-37	1288	20042	A.3.4-37				
20042 A.3.4-38	1335	20042	A.3.4-38				
20042 P.2-13	776	20042	P.2-13				
20042 P.2-14	244	20042	P.2-14	2004-06-14	L-702932447	2004-06-14	2004-02094
20042 P.2-15	112	20042	P.2-15				
20042 P.2-16	1159	20042					

[illegible]

20072	A.2.4-33	1738	20072	A.2.4-33					
20072	A.2.4-34	144	20072	A.2.4-34					
20072	A.3.2-37	378	20072	A.3.2-37					
20072	A.3.2-38	1581	20072	A.3.2-38					
20072	A.3.2-39	211	20072	A.3.2-39	2007-06-27		2007-07-25	07-2541	
20072	A.3.2-40	871	20072	A.3.2-40					
20072	A.3.2-41	100	20072	A.3.2-41					
20072	A.3.3-42	466	20072	A.3.3-42					
20072	A.3.3-43	1625	20072	A.3.3-43					
20072	A.3.3-44	465	20072	A.3.3-44					
20072	A.3.3-45	136	20072	A.3.3-45	2007-06-19		2007-07-03	07-2405	
20072	A.3.3-47	141	20072	A.3.3-47					
20072	A.3.4-48	1350	20072	A.3.4-48					
20072	A.3.4-49	1293	20072	A.3.4-49					
20072	A.3.4-50	831	20072	A.3.4-50					
20072	A.3.5-52	884	20072	A.3.5-52					
20072	P.2-6	1419	20072	P.2-6					
20072	P.3-7	137	20072	P.3-7					
20072	P.3-8	1698	20072	P.3-8					
20073	A.2.3-53	543	20073	A.2.3-53	2007-07-31		2007-08-09	07-2964	
20073	A.2.3-54	1507	20073	A.2.3-54	2007-08-17		2007-09-25	07-3151	
20073	A.2.3-55	234	20073	A.2.3-55					
20073	A.2.3-56	227	20073	A.2.3-56					
20073	A.2.3-57	314	20073	A.2.3-57					
20073	A.2.4-58	1338	20073	A.2.4-58					
20073	A.2.4-59	1788	20073	A.2.4-59	2007-10-03		2007-11-13	07-3810	
20073	A.2.4-61	1700	20073	A.2.4-61					
20073	A.3.2-63	553	20073	A.3.2-63					
20073	A.3.2-64	78	20073	A.3.2-64					
20073	A.3.2-65	100	20073	A.3.2-65					
20073	A.3.2-66	211	20073	A.3.2-66					
20073	A.3.2-67	1164	20073	A.3.2-67					
20073	A.3.2-68	1401	20073	A.3.2-68					
20073	A.3.3-69	1300	20073	A.3.3-69					
20073	A.3.3-70	466	20073	A.3.3-70					
20073	A.3.3-72	820	20073	A.3.3-72					
20073	A.3.3-73	143	20073	A.3.3-73	2007-06-31		2007-11-06	07-3426	
20073	A.3.3-74	198	20073	A.3.3-74					
20073	A.3.4-75	1288	20073	A.3.4-75					
20073	A.3.4-76	892	20073	A.3.4-76					
20073	A.3.4-77	1350	20073	A.3.4-77					
20073	P.2-9	244	20073	P.2-9					
20073	P.3-10	1698	20073	P.3-10	2007-07-25		2007-08-09	07-2888	
20074	A.2.3-80	314	20074	A.2.3-80					
20074	A.2.3-81	543	20074	A.2.3-81					
20074	A.2.3-82	1507	20074	A.2.3-82					
20074	A.2.3-83	527	20074	A.2.3-83					
20074	A.2.3-84	227	20074	A.2.3-84	2007-10-10		2007-12-06	07-3911	
20074	A.2.4-85	1705	20074	A.2.4-85	2007-12-14			07-4656	
20074	A.2.4-86	1338	20074	A.2.4-86					
20074	A.2.4-87	1700	20074	A.2.4-87	2007-12-14		2008-01-22	07-4658	
20074	A.2.4-88	404	20074	A.2.4-88					
20074	A.3.2-90	769	20074	A.3.2-90					
20074	A.3.2-91	1164	20074	A.3.2-91					
20074	A.3.2-92	100	20074	A.3.2-92					
20074	A.3.2-93	306	20074	A.3.2-93					
20074	A.3.2-94	1581	20074	A.3.2-94					
20074	A.3.2-95	304	20074	A.3.2-95					
20074	A.3.3-101	465	20074	A.3.3-101					
20074	A.3.3-98	1300	20074	A.3.3-98					
20074	A.3.3-99	728	20074	A.3.3-99					
20074	A.3.4-102	1293	20074	A.3.4-102					
20074	A.3.4-103	892	20074	A.3.4-103					
20074	P.2-12	1419	20074	P.2-12					
20074	P.3-13	1697	20074	P.3-13					
20074	P.3-16	216	20074	P.3-16					

Concatenated	BCF	YearQ	FarmCode	FishId	PenId	Growth
20024 A.2.4-12	1078	20024	A.2.4-12	3	6	TRUE
20024 A.2.4-12	1078	20024	A.2.4-12	1	3	TRUE
20024 A.3.2-29	553	20024	A.3.2-29	1	1	TRUE
20024 A.3.2-29	553	20024	A.3.2-29	2	1	TRUE
20024 A.3.2-29	553	20024	A.3.2-29	6	3	TRUE
20024 A.3.3-49	467	20024	A.3.3-49	1	1	TRUE
20024 A.3.4-16	1335	20024	A.3.4-16	1	1	TRUE
20024 A.3.4-16	1335	20024	A.3.4-16	6	1	TRUE
20024 A.3.4-16	1335	20024	A.3.4-16	7	1	TRUE
20024 P.2-16	776	20024	P.2-16	13	1	TRUE
20024 P.2-16	776	20024	P.2-16	4	1	TRUE
20024 P.2-16	776	20024	P.2-16	5	1	TRUE
20024 P.2-16	776	20024	P.2-16	8	1	TRUE
20024 P.2-18	112	20024	P.2-18	1	1	TRUE
20024 P.2-18	112	20024	P.2-18	6	1	TRUE
20024 P.2-20	1554	20024	P.2-20	1	1	TRUE
20024 P.3-21	2471	20024	P.3-21	1	1	TRUE
20031 A.2.3-11	514	20031	A.2.3-11	1	1	TRUE
20031 A.2.3-17	520	20031	A.2.3-17	1	1	TRUE
20031 A.2.3-17	520	20031	A.2.3-17	5	1	TRUE
20031 A.2.4-3	1078	20031	A.2.4-3	3	1	TRUE
20031 A.3.2-2	304	20031	A.3.2-2	1	1	TRUE
20031 A.3.3-15	142	20031	A.3.3-15	1	1	TRUE
20031 A.3.4-11	1351	20031	A.3.4-11	2	1	TRUE
20031 P.2-6	1206	20031	P.2-6	2	1	TRUE
20031 P.2-6	1206	20031	P.2-6	5	1	TRUE
20032 A.2.4-13	1862	20032	A.2.4-13	1	1	TRUE
20032 A.2.4-14	1079	20032	A.2.4-14	1	1	TRUE
20032 A.2.4-18	1238	20032	A.2.4-18	3	1	TRUE
20032 A.2.4-18	1238	20032	A.2.4-18	4	1	TRUE
20032 A.3.3-47	143	20032	A.3.3-47	1	1	TRUE
20032 A.3.4-17	1336	20032	A.3.4-17	1	1	TRUE
20032 P.2-14	233	20032	P.2-14	8	1	TRUE
20032 P.2-14	233	20032	P.2-14	9	1	TRUE
20032 P.3-23	216	20032	P.3-23	1	1	TRUE
20032 P.3-30	769	20032	P.3-30	3	1	TRUE
20032 P.3-30	769	20032	P.3-30	5	1	TRUE
20032 P.3-30	769	20032	P.3-30	6	1	TRUE
20032 P.3-33	1580	20032	P.3-33	1	1	TRUE
20032 P.3-33	1580	20032	P.3-33	3	1	TRUE
20032 P.3-33	1580	20032	P.3-33	5	1	TRUE
20032 P.3-33	1580	20032	P.3-33	7	1	TRUE
20032 P.3-33	1580	20032	P.3-33	8	1	TRUE
20032 P.3-33	1580	20032	P.3-33	9	1	TRUE
20032 P.3-33	1580	20032	P.3-33	10	1	TRUE
20033 A.2.3-21	270	20033	A.2.3-21	1	1	TRUE
20033 A.2.4-21	404	20033	A.2.4-21	4	1	TRUE
20033 A.3.4-28	1351	20033	A.3.4-28	4	1	TRUE
20033 P.2-22	244	20033	P.2-22	1	1	TRUE
20034 A.2.3-49	270	20034	A.2.3-49	1	1	FALSE
20034 A.2.4-52	1078	20034	A.2.4-52	4	1	FALSE
20034 A.3.4-61	831	20034	A.3.4-61	3	1	FALSE
20034 P.2-40	244	20034	P.2-40	2	1	TRUE
20034 P.2-41	233	20034	P.2-41	5	1	TRUE
20034 P.3-49	137	20034	P.3-49	6	1	TRUE
20041 A.3.2-11	100	20041	A.3.2-11	5	1	TRUE
20041 A.3.2-11	100	20041	A.3.2-11	4	1	TRUE
20041 A.3.3-12	728	20041	A.3.3-12	4	1	TRUE
20041 A.3.3-14	136	20041	A.3.3-14	1	1	TRUE
20041 A.3.3-14	136	20041	A.3.3-14	6	1	TRUE
20041 A.3.3-16	819	20041	A.3.3-16	5	1	TRUE
20041 P.2-1	244	20041	P.2-1	7	1	TRUE
20041 P.3-11	388	20041	P.3-11	4	1	TRUE
20041 P.3-7	216	20041	P.3-7	3	1	FALSE
20042 A.2.3-19	1507	20042	A.2.3-19	3	1	TRUE
20042 A.2.3-20	527	20042	A.2.3-20	6	1	TRUE
20042 A.2.3-20	527	20042	A.2.3-20	8	1	TRUE
20042 P.2-14	244	20042	P.2-14	2	1	FALSE
20042 P.3-17	380	20042	P.3-17	2	1	TRUE
20042 P.3-17	380	20042	P.3-17	5	1	TRUE
20042 P.3-17	380	20042	P.3-17	8	1	TRUE
20042 P.3-18	1697	20042	P.3-18	4	1	FALSE
20042 P.3-22	216	20042	P.3-22	2	1	FALSE
20042 P.3-22	216	20042	P.3-22	4	1	FALSE
20043 A.2.3-40	1507	20043	A.2.3-40	1	1	FALSE
20043 A.2.4-43	1700	20043	A.2.4-43	8	1	FALSE
20043 A.3.3-56	467	20043	A.3.3-56	3	1	FALSE
20043 P.3-29	388	20043	P.3-29	2	1	FALSE
20044 A.2.4-64	1700	20044	A.2.4-64	1	1	FALSE
20044 A.2.4-64	1700	20044	A.2.4-64	2	1	FALSE
20044 A.3.2-67	211	20044	A.3.2-67	1	1	FALSE
20044 A.3.2-69	78	20044	A.3.2-69	5	1	FALSE
20044 A.3.2-70	871	20044	A.3.2-70	1	1	FALSE
20044 A.3.3-75	465	20044	A.3.3-75	1	1	FALSE
20044 A.3.3-75	465	20044	A.3.3-75	2	1	FALSE
20044 A.3.3-75	465	20044	A.3.3-75	3	1	FALSE
20044 A.3.3-75	465	20044	A.3.3-75	9	1	FALSE
20044 P.3-39	248	20044	P.3-39	1	1	FALSE
20044 P.3-39	248	20044	P.3-39	2	1	FALSE
20051 A.2.3-1	1507	20051	A.2.3-1	3	1	FALSE
20051 A.2.3-1	1507	20051	A.2.3-1	10	1	FALSE
20051 A.2.4-5	144	20051	A.2.4-5	2	1	FALSE
20051 A.3.2-11	211	20051	A.3.2-11	4	1	FALSE
20051 A.3.3-15	820	20051	A.3.3-15	6	1	FALSE
20051 A.3.3-15	820	20051	A.3.3-15	7	1	FALSE
20051 A.3.3-15	820	20051	A.3.3-15	1	1	FALSE
20051 P.3-6	733	20051	P.3-6	4	1	FALSE
20051 P.3-8	247	20051	P.3-8	4	1	FALSE
20052 A.2.3-23	543	20052	A.2.3-23	4	1	FALSE
20052 A.2.4-58	144	20052	A.2.4-58	1	1	FALSE
20052 A.3.2-36	211	20052	A.3.2-36	7	1	FALSE
20052 A.3.3-39	143	20052	A.3.3-39	4	1	FALSE
20052 P.2-9	1419	20052	P.2-9	3	1	FALSE
20052 P.2-9	1419	20052	P.2-9	4	1	FALSE
20054 A.2.4-75	1238	20054	A.2.4-75	3	1	FALSE
20054 A.3.2-78	304	20054	A.3.2-78	6	1	FALSE
20054 A.3.4-90	831	20054	A.3.4-90	6	1	FALSE
20054 A.3.4-90	831	20054	A.3.4-90	1	1	FALSE
20054 A.3.4-90	831	20054	A.3.4-90	5	1	FALSE
20054 P.3-25	247	20054	P.3-25	4	1	FALSE
20061 A.2.4-6	1078	20061	A.2.4-6	8	1	FALSE
20061 A.3.2-11	1626	20061	A.3.2-11	1	1	FALSE
20061 A.3.3-19	1144	20061	A.3.3-19	3	1	FALSE
20061 A.3.3-20	728	20061	A.3.3-20	6	1	FALSE
20061 A.3.3-20	728	20061	A.3.3-20	7	1	FALSE
20061 A.3.3-20	728	20061	A.3.3-20	2	1	FALSE
20061 A.3.3-20	728	20061	A.3.3-20	8	1	FALSE
20061 A.3.4-23	1288	20061	A.3.4-23	5	1	FALSE
20061 P.3-5	137	20061	P.3-5	1	1	FALSE
20061 P.3-5	137	20061	P.3-5	2	1	FALSE
20062 A.2.3-26	1507	20062	A.2.3-26	1	1	FALSE
20062 A.2.3-27	1291	20062	A.2.3-27	1	1	FALSE
20062 A.3.2-37	790	20062	A.3.2-37	5	1	FALSE
20062 A.3.2-38	100	20062	A.3.2-38	4	1	FALSE
20062 P.3-13	216	20062	P.3-13	5	1	FALSE
20063 A.3.3-64	1825	20063	A.3.3-64	4	1	FALSE
20063 A.3.3-64	1825	20063	A.3.3-64	5	1	FALSE
20064 A.2.3-76	314	20064	A.2.3-76	3	1	FALSE
20064 A.2.3-76	314	20064	A.2.3-76	1	1	FALSE
20064 A.2.4-78	1700	20064	A.2.4-78	2	1	FALSE
20064 A.2.4-78	1700	20064	A.2.4-78	5	1	FALSE
20064 A.2.4-78	1700	20064	A.2.4-78	9	1	FALSE
20064 A.2.4-78	1700	20064	A.2.4-78	7	1	FALSE
20064 A.2.4-78	1700	20064	A.2.4-78	8	1	FALSE
20064 A.3.2-83	1401	20064	A.3.2-83	15	1	FALSE
20064 A.3.2-84	1581	20064	A.3.2-84	10	1	FALSE
20064 A.3.2-84	1581	20064	A.3.2-84	14	1	FALSE
20064 A.3.2-84	1581	20064	A.3.2-84	9	1	FALSE
20064 A.3.2-84	1581	20064	A.3.2-84	2	1	FALSE
20064 A.3.2-84	1581	20064	A.3.2-84	5	1	FALSE
20064 A.3.3-88	820	20064	A.3.3-88	1	1	FALSE
20064 A.3.3-91	465	20064	A.3.3-91	10	1	FALSE
20064 A.3.3-91	465	20064	A.3.3-91	9	1	FALSE
20064 A.3.3-92	728	20064	A.3.3-92	1	1	FALSE
20064 P.2-20	1586	20064	P.2-20	14	1	FALSE
20071 A.2.4-5	1863	20071	A.2.4-5	3	1	FALSE
20071 A.3.2-12	211	20071	A.3.2-12	3	1	FALSE
20071 A.3.4-24	1293	20071	A.3.4-24	3	1	FALSE
20071 P.3-3	1697	20071	P.3-3	5	1	FALSE
20072 A.2.3-28	1537	20072	A.2.3-28	4	1	FALSE
20072 A.2.3-28	1537	20072	A.2.3-28	1	1	FALSE
20072 A.2.3-28	1537	20072	A.2.3-28	2	1	FALSE
20072 A.2.3-28	1537	20072	A.2.3-28	3	1	FALSE
20072 A.2.4-32	1863	20072	A.2.4-32	4	1	FALSE
20072 A.2.4-32	1863	20072	A.2.4-32	1	1	FALSE
20072 A.3.2-39	211	20072	A.3.2-39	14	1	FALSE
20072 A.3.3-45	136	20072	A.3.3-45	6	1	FALSE
20072 A.3.3-45	136	20072	A.3.3-45	4	1	FALSE
20072 A.3.3-45	136	20072	A.3.3-45	2	1	FALSE
20072 A.3.3-45	136	20072	A.3.3-45	7	1	FALSE
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20073 A.2.3-54	1507	20073	A.2.3-54	1	1	FALSE
20073 A.2.3-54	1507	20073	A.2.3-54	2	1	FALSE
20073 A.2.3-54	1507	20073	A.2.3-54	3	1	FALSE
20073 A.2.3-54	1507	20073	A.2.3-54	6	1	FALSE
20073 A.2.4-59	1789	20073	A.2.4-59	3	1	FALSE
20073 A.3.3-73	143	20073	A.3.3-73	1	1	FALSE
20073 P.3-10	1698	20073	P.3-10	6	1	FALSE
20073 P.3-10	1698	20073	P.3-10	7	1	FALSE
20073 P.3-10	1698	20073	P.3-10	10	1	FALSE
20074 A.2.3-84	227	20074	A.2.3-84	5	1	FALSE
20074 A.2.4-87	1700	20074	A.2.4-87	5	1	FALSE
20074 A.2.4-87	1700	20074	A.2.4-87	6	1	FALSE

Concatenated	BCF	YearQ	FarmCode	FishId	BactiFinding	DXNum	Pathogenic	Extra	ERY	FFC	SSS	SXT	TET
20024 A.2-12	1078	20024	A.2-12	0	Listonella anguillarum	1	0	-1	-1	0	-1	-1	-1
20024 A.2-12	1078	20024	A.2-12	0	Pseudomonas putida	1	0	0	0	0	0	0	0
20024 A.3.2-29	553	20024	A.3.2-29	1	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20024 A.3.2-29	553	20024	A.3.2-29	2	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20024 A.3.2-29	553	20024	A.3.2-29	6	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20024 A.3.3-49	467	20024	A.3.3-49	1	Photobacter damela	1	0	-1	-1	0	-1	-1	-1
20024 A.3.3-49	467	20024	A.3.3-49	1	Streptococcus sp.	2	0	-1	-1	-1	-1	-1	-1
20024 A.3.4-16	1335	20024	A.3.4-16	1	Photobacter damela	1	0	-1	-1	0	-1	-1	-1
20024 A.3.4-16	1335	20024	A.3.4-16	6	Photobacter damela	1	0	-1	-1	0	-1	-1	-1
20024 A.3.4-16	1335	20024	A.3.4-16	1	Photobacter damela	1	0	-1	-1	0	-1	-1	-1
20024 P.2-16	776	20024	P.2-16	13	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20024 P.2-16	776	20024	P.2-16	4	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20024 P.2-16	776	20024	P.2-16	5	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20024 P.2-16	776	20024	P.2-16	1	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20024 P.2-18	112	20024	P.2-18	6	Listonella anguillarum	1	-1	0	-1	0	-1	-1	-1
20024 P.2-18	112	20024	P.2-18	1	Chromobacterium sp.	2	0	0	-1	0	-1	-1	-1
20024 P.2-18	112	20024	P.2-18	1	Listonella anguillarum	1	-1	-1	-1	0	-1	-1	-1
20024 P.2-20	1554	20024	P.2-20	1	Listonella anguillarum	1	-1	-1	-1	-1	-1	-1	-1
20024 P.3-21	247	20024	P.3-21	1	Listonella anguillarum	1	-1	-1	-1	-1	-1	-1	-1
20031 A.2.3-11	314	20031	A.2.3-11	1	Brevundimonas vesicularis	1	0	-1	-1	-1	-1	-1	-1
20031 A.2.3-17	520	20031	A.2.3-17	1	Brevundimonas vesicularis	1	-1	-1	-1	-1	-1	-1	-1
20031 A.2.3-17	520	20031	A.2.3-17	5	Brevundimonas vesicularis	1	0	-1	-1	-1	-1	-1	-1
20031 A.2.4-3	1078	20031	A.2.4-3	3	Vibrio vulnificus	1	-1	0	-1	0	-1	-1	-1
20031 A.3.2-2	344	20031	A.3.2-2	1	Listonella anguillarum	1	-1	-1	-1	0	-1	-1	-1
20031 A.3.3-15	142	20031	A.3.3-15	1	Vibrio logei	1	0	-1	-1	0	-1	-1	-1
20031 A.3.4-11	1351	20031	A.3.4-11	2	Photobacter damela	1	0	-1	-1	0	-1	-1	-1
20031 P.2-6	1206	20031	P.2-6	1	Vibrio parahaemolyticus	1	0	-1	-1	0	-1	-1	-1
20031 P.2-6	1206	20031	P.2-6	5	Vibrio parahaemolyticus	1	0	-1	-1	0	-1	-1	-1
20032 A.2.4-13	1862	20032	A.2.4-13	1	Vibrio vulnificus	1	-1	0	-1	0	-1	0	-1
20032 A.2.4-18	1078	20032	A.2.4-14	1	Aeromonas salmonicida	1	-1	-1	-1	-1	-1	-1	-1
20032 A.2.4-18	1238	20032	A.2.4-18	3	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20032 A.2.4-18	1238	20032	A.2.4-18	4	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20032 A.3.3-47	143	20032	A.3.3-47	1	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20032 A.3.4-17	1336	20032	A.3.4-17	1	Aeromonas salmonicida	1	-1	0	-1	0	-1	-1	-1
20032 P.2-14	233	20032	P.2-14	8	Vibrio logei	1	0	-1	-1	-1	-1	-1	-1
20032 P.2-14	233	20032	P.2-14	9	Pseudomonas fluorescens	1	0	0	-1	-1	0	-1	0
20032 P.3-23	216	20032	P.3-23	1	Aeromonas hydrophila	1	0	-1	-1	-1	-1	-1	-1
20032 P.3-30	769	20032	P.3-30	3	Vibrio alginolyticus	1	0	-1	-1	-1	-1	-1	0
20032 P.3-30	769	20032	P.3-30	5	Vibrio alginolyticus	1	-1	-1	-1	-1	-1	-1	0
20032 P.3-30	769	20032	P.3-30	6	Vibrio alginolyticus	1	0	-1	-1	-1	-1	-1	0
20032 P.3-33	1580	20032	P.3-33	1	Carnobacterium alterfundum	1	0	-1	-1	0	0	-1	0
20032 P.3-33	1580	20032	P.3-33	3	Vibrio vulnificus	1	-1	0	-1	0	-1	-1	-1
20032 P.3-33	1580	20032	P.3-33	5	Vibrio vulnificus	1	-1	0	-1	-1	-1	-1	-1
20032 P.3-33	1580	20032	P.3-33	6	Vibrio vulnificus	1	-1	0	-1	0	-1	-1	-1
20032 P.3-33	1580	20032	P.3-33	7	Pasteurella sp.	1	-1	-1	-1	0	-1	-1	-1
20032 P.3-33	1580	20032	P.3-33	8	Vibrio vulnificus	1	-1	0	-1	0	-1	-1	-1
20032 P.3-33	1580	20032	P.3-33	9	Pasteurella sp.	1	-1	-1	-1	0	-1	-1	-1
20032 P.3-33	1580	20032	P.3-33	10	Vibrio vulnificus	1	-1	0	-1	0	-1	-1	-1
20033 A.2.3-21	270	20033	A.2.3-21	1	Aeromonas salmonicida	1	-1	-1	-1	-1	-1	-1	-1
20033 A.2.4-21	404	20033	A.2.4-21	4	Photobacter damela	1	0	-1	-1	-1	-1	-1	-1
20033 A.3.4-28	1351	20033	A.3.4-28	4	Staphylococcus sp.	1	0	-1	-1	0	-1	-1	-1
20033 P.2-22	244	20033	P.2-22	1	Vibrio tubashi	1	0	-1	-1	0	-1	-1	0
20034 A.2.3-49	270	20034	A.2.3-49	1	Aeromonas salmonicida	1	-1	0	-1	-1	-1	-1	-1
20034 A.2.4-52	1078	20034	A.2.4-52	4	Aeromonas salmonicida	1	-1	-1	-1	-1	-1	-1	-1
20034 A.3.4-61	831	20034	A.3.4-61	3	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20034 P.2-40	244	20034	P.2-40	2	Aeromonas species	1	0	-1	-1	0	-1	-1	-1
20034 P.2-41	233	20034	P.2-41	3	Aeromonas species	1	-1	-1	-1	0	-1	-1	-1
20034 P.3-49	137	20034	P.3-49	6	Vibrio proteolyticus	1	0	-1	-1	0	-1	-1	-1
20041 A.3.2-11	100	20041	A.3.2-11	5	Photobacter phosphoreum	1	0	-1	-1	0	-1	-1	-1
20041 A.3.2-11	100	20041	A.3.2-11	4	Photobacter phosphoreum	1	0	-1	-1	0	-1	-1	-1
20041 A.3.3-12	728	20041	A.3.3-12	4	Vibrio logei	1	0	-1	-1	-1	-1	-1	-1
20041 A.3.3-14	136	20041	A.3.3-14	1	Vibrio splendidus	1	0	-1	-1	0	-1	-1	-1
20041 A.3.3-14	136	20041	A.3.3-14	1	Vibrio splendidus	1	0	-1	-1	0	-1	-1	-1
20041 A.3.3-16	819	20041	A.3.3-16	5	Aeromonas salmonicida	1	-1	0	-1	-1	-1	-1	-1
20041 P.2-1	244	20041	P.2-1	7	Aeromonas species	1	0	-1	-1	-1	-1	-1	-1
20041 P.3-11	388	20041	P.3-11	4	Vibrio logei	1	0	-1	-1	-1	-1	-1	-1
20041 P.3-7	216	20041	P.3-7	3	Psychrobacter immobilis	1	0	-1	-1	0	-1	-1	-1
20042 A.2.3-19	1507	20042	A.2.3-19	3	Carnobacterium gallinarum	2	0	-1	-1	-1	0	-1	-1
20042 A.2.3-19	1507	20042	A.2.3-19	1	Carnobacterium piscicola	1	-1	-1	-1	-1	-1	-1	-1
20042 A.2.3-20	527	20042	A.2.3-20	6	Aeromonas salmonicida	1	-1	0	-1	-1	-1	-1	-1
20042 A.2.3-20	527	20042	A.2.3-20	8	Aeromonas salmonicida	1	-1	0	-1	-1	-1	-1	-1
20042 P.2-14	244	20042	P.2-14	2	Pseudomonas sp.	1	-1	0	-1	-1	-1	-1	-1
20042 P.3-17	380	20042	P.3-17	1	Aeromonas salmonicida	1	-1	-1	-1	-1	-1	-1	-1
20042 P.3-17	380	20042	P.3-17	5	Aeromonas salmonicida	1	-1	0	-1	-1	-1	-1	-1
20042 P.3-17	380	20042	P.3-17	8	Aeromonas salmonicida	1	-1	0	-1	-1	-1	-1	-1
20042 P.3-18	1697	20042	P.3-18	1	Psychrobacter sp.	1	-1	-1	-1	-1	-1	-1	-1
20042 P.3-22	216	20042	P.3-22	2	Aeromonas sobria	1	0	-1	-1	0	-1	-1	-1
20042 P.3-22	216	20042	P.3-22	4	Vibrio aestuarianus	1	-1	-1	-1	-1	-1	-1	-1
20043 A.2.3-49	1507	20043	A.2.3-40	1	Vibrio sp.	1	0	-1	-1	0	-1	-1	-1
20043 A.2.4-43	1700	20043	A.2.4-43	8	Vibrio sp.	1	0	-1	-1	0	-1	-1	-1
20043 A.3.3-56	467	20043	A.3.3-56	3	Pseudocalteromonas sp.	1	0	-1	-1	-1	-1	-1	-1
20043 P.3-29	388	20043	P.3-29	1	Psychrobacter sp.	1	-1	-1	-1	0	-1	-1	-1
20044 A.2.4-64	1700	20044	A.2.4-64	1	Aeromonas salmonicida	1	-1	-1	-1	-1	-1	-1	-1
20044 A.2.4-64	1700	20044	A.2.4-64	2	Photobacterium angustum	1	0	-1	-1	-1	0	-1	-1
20044 A.3.2-67	211	20044	A.3.2-67	1	Psychrobacter immobilis	1	0	-1	-1	-1	-1	-1	-1
20044 A.3.2-69	78	20044	A.3.2-69	5	Microbacterium sp.	1	0	-1	-1	-1	-1	-1	-1
20044 A.3.2-70	871	20044	A.3.2-70	1	Vibrio sp.	1	0	-1	-1	0	-1	-1	-1
20044 A.3.2-70	871	20044	A.3.2-70	1	Psychrobacter immobilis	2	0	-1	-1	-1	0	-1	-1
20044 A.3.3-75	465	20044	A.3.3-75	1	Photobacter phosphoreum	1	-1	-1	-1	-1	-1	-1	-1
20044 A.3.3-75	465	20044	A.3.3-75	2	Photobacter phosphoreum	1	-1	-1	-1	0	-1	-1	-1
20044 A.3.3-75	465	20044	A.3.3-75	3	Photobacter phosphoreum	1	-1	-1	-1	0	-1	-1	-1
20044 P.3-37	136	20044	P.3-37	5	Vibrio ordalii	1	-1	-1	-1	-1	-1	-1	-1
20044 P.3-39	248	20044	P.3-39	1	Vibrio ordalii	1	-1	-1	-1	-1	-1	-1	-1
20044 P.3-39	248	20044	P.3-39	2	Pseudomonas fluorescens	2	-1	0	-1	-1	-1	-1	-1
20044 P.3-39	248	20044	P.3-39	1	Vibrio ordalii	1	-1	-1	-1	-1	-1	-1	-1
20051 A.2.3-1	1507	20051	A.2.3-1	3	Yersinia ruckeri	1	-1	0	-1	-1	-1	-1	-1
20051 A.2.3-1	1507	20051	A.2.3-1	10	Vibrio logei	1	0	-1	-1	-1	-1	-1	-1
20051 A.2.4-5	144	20051	A.2.4-5	1	Vibrio sp.	1	-1	-1	-1	-1	-1	-1	-1
20051 A.3.2-11	211	20051	A.3.2-11	4	Vibrio wodanis	1	0	-1	-1	-1	-1	-1	-1
20051 A.3.3-15	820	20051	A.3.3-15	7	Photobacter phosphoreum	1	-1	-1	-1	0	-1	-1	-1
20051 A.3.3-15	820	20051	A.3.3-15	1	Photobacter phosphoreum	1	-1	-1	-1	-1	-1	-1	-1
20051 A.3.3-15	820	20051	A.3.3-15	6	Photobacter phosphoreum	1	-1	-1	-1	-1	-1	-1	-1
20051 P.3-6	733	20051	P.3-6	4	Listonella anguillarum	1	-1	0	-1	-1	0	-1	-1
20051 P.3-8	247	20051	P.3-8	4	Aeromonas salmonicida	1	-1	-1	-1	-1	-1	-1	-1
20052 A.2.3-23	443	20052	A.2.3-23	1	Aeromonas salmonicida	1	-1	-1	-1	-1	-1	-1	-1
20052 A.2.4-28	144	20052	A.2.4-28	1	Photobacter phosphoreum	1	-1	0	-1	0	-1	-1	-1
20052 A.3.2-36	211	20052	A.3.2-36	7	Brochothrix thermosphacta	1	0	-1	-1	0	-1	-1</	

Concatenated	BCF	YearO	FarmCode	DXNum	EnvironCause	Desc	Extra
20024 A.3.3-69	467	20024	A.3.3-49		1 dissolved oxygen		
20041 A.2.3-2	527	20041	A.2.3-2		1 transportation		
20044 A.3.2-69	78	20044	A.3.2-69		1 transportation		
20044 A.3.2-71	306	20044	A.3.2-71		1 transportation		
20052 A.3.3-39	143	20052	A.3.3-39		1 transportation		
20054 A.2.4-76	1705	20054	A.2.4-76		1 mechanical		
20061 A.3.2-13	100	20061	A.3.2-13		1 mechanical		
20061 A.3.5-24	894	20061	A.3.5-24		1 transportation		
20071 A.3.2-13	1164	20071	A.3.2-13		1 transport		
20072 A.3.2-39	211	20072	A.3.2-39		1 mechanical		
20074 A.3.4-103	892	20074	A.3.4-103		1 dissolved oxygen		

Concatenated	BCF	YearQ	FarmCode	DXNum	NPCause	Desc	Extra
20063 A.3.3-63	465	20063	A.3.3-63		1deformities		
20071 A.3.2-14	354	20071	A.3.2-14		1back deformity		
20071 A.3.3-17	1825	20071	A.3.3-17		1starve outs		
20071 A.3.3-19	728	20071	A.3.3-19		2back deformity		
20071 A.3.3-19	728	20071	A.3.3-19		1starve out		
20071 A.3.4-24	1293	20071	A.3.4-24		1starve out		
20072 A.3.2-39	211	20072	A.3.2-39		1poor performers		
20073 A.3.2-45	100	20073	A.3.2-45		1starve outs		
20074 P.3-16	216	20074	P.3-16		1starve outs		

Concatenated	BCF	Year	Q	FarmCode	DXNum	OtherCause	Desc	Extra
20032 A.3-3-30	150	20032	A.3-3-30		1	mouth myxobacteriosis		
20032 P.2-22	1158	20032	P.2-22		1	cull		
20032 P.2-23	1554	20032	P.2-23		1	cull		
20033 A.3-2-28	100	20033	A.3-2-28		1	cull		
20033 A.3-3-32	1136	20033	A.3-3-32		1	cull		
20033 A.3-4-28	1351	20033	A.3-4-28		1			
20033 P.2-29	1554	20033	P.2-29		1	Bloat		
20033 P.3-29	137	20033	P.3-29		1	Bloat		
20034 A.2-3-48	1291	20034	A.2-3-48		1	mouth myxobacteriosis		
20034 A.3-3-58	136	20034	A.3-3-58		1	mouth myxobacteriosis		
20034 P.2-39	1159	20034	P.2-39		1	Bloat		
20034 P.3-45	380	20034	P.3-45		1	Transport		
20034 P.3-46	388	20034	P.3-46		1	transport damage		
20034 P.3-47	769	20034	P.3-47		1	Mature		
20034 P.3-51	1626	20034	P.3-51		1	Bloat		
20041 A.2-4-7	1700	20041	A.2-4-7		1	mouth myxobacteriosis		
20041 A.3-3-12	728	20041	A.3-3-12		1	BKD		
20041 A.3-3-12	728	20041	A.3-3-12		2			
20041 A.3-3-13	869	20041	A.3-3-13		1	BKD		
20041 A.3-3-15	820	20041	A.3-3-15		1	mouth myxobacteriosis		
20041 A.3-3-16	819	20041	A.3-3-16		1	202 BKD, 73 Hem.		
20041 P.2-1	244	20041	P.2-1		1	mature		
20041 P.3-10	1626	20041	P.3-10		1	mature		
20041 P.3-6	769	20041	P.3-6		1	Mature		
20042 A.2-3-20	527	20042	A.2-3-20		1	mouth myxobacteriosis		
20042 A.2-3-21	520	20042	A.2-3-21		1	mouth myxobacteriosis		
20042 A.3-3-32	143	20042	A.3-3-32		1	mouth myxobacteriosis		
20042 P.3-17	380	20042	P.3-17		1	Bloat		
20043 A.3-4-57	892	20043	A.3-4-57		1	mouth myxobacteriosis		
20044 P.2-34	1598	20044	P.2-34		1	Mature		
20044 P.3-37	138	20044	P.3-37		1	Mature		
20044 P.3-38	733	20044	P.3-38		1	bkd		
20044 P.3-40	380	20044	P.3-40		1	Mature		
20051 A.2-4-8	1078	20051	A.2-4-8		1	mouth myxobacteriosis		
20051 A.3-2-14	790	20051	A.3-2-14		1	mouth myxobacteriosis		
20053 A.3-2-60	1136	20053	A.3-2-60		1	mouth myxobacteriosis		
20053 A.3-4-68	1336	20053	A.3-4-68		1	mouth myxobacteriosis		
20061 A.2-4-6	1078	20061	A.2-4-6		1			
20061 A.2-4-6	1078	20061	A.2-4-6		2	mouth myxobacteriosis		
20061 P.3-3	1687	20061	P.3-3		1	mature		
20062 A.2-3-26	1507	20062	A.2-3-26		1	mature		
20062 A.2-4-32	1078	20062	A.2-4-32		1	mouth myxobacteriosis		
20062 A.3-2-38	211	20062	A.3-2-38		1	mature		
20062 A.3-2-38	100	20062	A.3-2-38		1	bkd		
20062 A.3-3-42	143	20062	A.3-3-42		1	mouth myxobacteriosis		
20062 A.3-4-45	1288	20062	A.3-4-45		1	mouth myxobacteriosis		
20063 A.2-4-54	404	20063	A.2-4-54		1	mouth myxobacteriosis		
20064 A.2-3-75	540	20064	A.2-3-75		1	SRS		
20064 A.2-3-76	314	20064	A.2-3-76		2	mouth myxobacteriosis		
20064 A.2-3-76	314	20064	A.2-3-76		1	fungus		
20064 A.2-4-78	1700	20064	A.2-4-78		1	BKD and SRS		
20064 A.2-4-79	404	20064	A.2-4-79		1	BKD		
20064 A.2-4-80	1705	20064	A.2-4-80		1	grilse		
20064 A.3-2-83	1401	20064	A.3-2-83		1	internal swelling		
20064 A.3-2-84	1581	20064	A.3-2-84		1	transport		
20064 A.3-2-85	304	20064	A.3-2-85		1	mouth rot		
20064 A.3-3-92	728	20064	A.3-3-92		1	3 skinfin, 1 vac.		
20064 P.2-21	776	20064	P.2-21		1	BKD, Loma and Marine Anemia		
20064 P.3-24	137	20064	P.3-24		1	Bloat, Mature		
20071 A.2-3-1	1148	20071	A.2-3-1		1	mature		
20071 A.2-4-5	1953	20071	A.2-4-5		1	mouth myxobacteriosis		
20071 A.2-4-6	1738	20071	A.2-4-6		1	mouth myxobacteriosis		
20071 A.3-2-10	378	20071	A.3-2-10		1	mechanical damage		
20071 A.3-2-11	100	20071	A.3-2-11		1	culls		
20071 A.3-2-12	211	20071	A.3-2-12		2	mouth myxobacteriosis		
20071 A.3-2-13	1164	20071	A.3-2-13		4	mouth myxobacteriosis		
20071 A.3-2-14	304	20071	A.3-2-14		2	skin lesion		
20071 A.3-2-14	304	20071	A.3-2-14		1	mature		
20071 A.3-3-16	819	20071	A.3-3-16		1	internal hemorrhaging		
20071 A.3-3-18	869	20071	A.3-3-18		1	skin lesion		
20071 A.3-3-18	869	20071	A.3-3-18		2	hemorrhaging		
20071 P.2-1	1596	20071	P.2-1		1	mature		
20071 P.3-2	137	20071	P.3-2		1	bkd		
20071 P.3-2	137	20071	P.3-2		2	loma		
20071 P.3-3	1687	20071	P.3-3		1	Mature		
20072 A.2-3-27	314	20072	A.2-3-27		1	cull		
20072 A.2-3-29	1148	20072	A.2-3-29		1	Mature		
20072 A.2-4-31	1079	20072	A.2-4-31		1	mouth myxobacteriosis		
20072 A.2-4-32	1863	20072	A.2-4-32		1	16 BKD, 1 Mouth Rot, 1 internal hemorrhaging		
20072 A.3-2-37	378	20072	A.3-2-37		1	Mechanical Damage - head concussions		
20072 A.3-2-38	1581	20072	A.3-2-38		1	Mouth rot, culls		
20072 A.3-2-39	211	20072	A.3-2-39		1	mouth myxobacteriosis		
20072 A.3-2-39	211	20072	A.3-2-39		2			
20072 A.3-2-40	871	20072	A.3-2-40		1	348 mouth rot		
20072 A.3-2-40	871	20072	A.3-2-40		2	3 hemorrhaging		
20072 A.3-2-40	871	20072	A.3-2-40		3	6 skin fin		
20072 A.3-2-41	100	20072	A.3-2-41		1	cull		
20072 A.3-3-42	466	20072	A.3-3-42		1	mouth myxobacteriosis		
20072 A.3-5-52	884	20072	A.3-5-52		1			
20072 P.2-6	1419	20072	P.2-6		1	bkd		
20073 A.2-3-45	234	20073	A.2-3-45		1	mouth myxobacteriosis		
20073 A.2-4-61	1700	20073	A.2-4-61		1	19 BKD		
20073 A.2-4-61	1700	20073	A.2-4-61		2	24 Grilse		
20073 A.3-2-64	78	20073	A.3-2-64		1	mouth rot		
20073 A.3-2-65	100	20073	A.3-2-65		2	mouth myxobacteriosis		
20073 A.3-2-66	211	20073	A.3-2-66		1	0		
20073 A.3-3-69	1300	20073	A.3-3-69		1	mouth myxobacteriosis		
20073 A.3-4-77	1350	20073	A.3-4-77		1	grilse		
20073 P.2-9	244	20073	P.2-9		1	BKD, Loma, Marine Anemia		
20073 P.2-9	244	20073	P.2-9		2	enteritis		
20074 A.2-3-83	527	20074	A.2-3-83		1	mature		
20074 A.2-4-87	1700	20074	A.2-4-87		1	Grilse		
20074 A.2-4-88	404	20074	A.2-4-88		1	Matures		
20074 A.3-2-90	769	20074	A.3-2-90		1	mouth myxobacteriosis		
20074 A.3-2-95	304	20074	A.3-2-95		1	mature		
20074 A.3-4-103	892	20074	A.3-4-103		1	mature		
20074 P.2-12	1419	20074	P.2-12		1	mature		
20074 P.3-16	216	20074	P.3-16		1	matures		

Concatenated	BCF	YearQ	FarmCode	DXNum	PredCause	Desc	Extra
20071 A.2.3-3	540	20071	A.2.3-3		1 sea lions		
20071 A.2.3-4	314	20071	A.2.3-4		1 sea lions		
20071 A.3.4-24	1293	20071	A.3.4-24		2 otter		
20071 A.3.4-24	1293	20071	A.3.4-24		1 sea lion		
20071 P.2-1	1586	20071	P.2-1		1 sea lions		
20071 P.3-2	137	20071	P.3-2		1 sea lions		
20071 P.3-3	1697	20071	P.3-3		1 sea lions		
20072 A.2.3-30	227	20072	A.2.3-30		1 others		
20072 A.3.2-39	211	20072	A.3.2-39		1 seals		
20072 A.3.4-49	1293	20072	A.3.4-49		1 sea lions		
20072 P.2-6	1419	20072	P.2-6		1 sea lions		
20073 A.2.4-59	1789	20073	A.2.4-59		1 seals		
20073 A.3.3-72	820	20073	A.3.3-72		1 birds		
20073 A.3.4-75	1288	20073	A.3.4-75		1 seals		
20074 P.3-16	216	20074	P.3-16		1 seal		

Concatenated	BCF	YearQ	FarmCode	DXNum	SilverCause	Desc	Extra
20033 P-2-28	1159	20033	P-2-28		100% BKD		
20041 P-2-4	1158	20041	P-2-4		1BKD		
20072 A-3-4-48	1350	20072	A-3-4-48		1BKD		
20072 P-3-8	1698	20072	P-3-8		1#1 BKD, #2, jaundice, splenomegaly		
20074 P-2-12	1419	20074	P-2-12		145 BKD13 enteritis/9 tonsil MA		

Concatenated	BGF	YearQ	FarmCode	DXNum	HistoNumFish	HistoMorph	Desc	Extra	Extra2
20024 A.2.3-32	56	20024	A.2.3-32	2	2	3	liver	hepatitis	granulomatous
20024 A.2.3-32	56	20024	A.2.3-32	2	2	2	spleen	splenitis	pyogranulomatous
20024 A.2.3-42	520	20024	A.2.3-42	1	1	2	heart	myocarditis	bacterial
20024 A.2.3-42	520	20024	A.2.3-42	2	2	4	kidney	nephritis	interstitial
20024 A.2.3-42	520	20024	A.2.3-42	3	3	2	heart	endocarditis	parasitic/bacterial
20024 A.2.3-43	527	20024	A.2.3-43	1	11	1	kidney	nephritis	hemorrhagic
20024 A.2.3-43	527	20024	A.2.3-43	2	10	10	spleen	splenitis	bacterial
20024 A.2.3-43	527	20024	A.2.3-43	3	11	1	kidney	nephritis	interstitial
20024 A.2.3-47	1291	20024	A.2.3-47	1	1	1	heart	myocarditis	bacterial
20024 A.2.3-47	1291	20024	A.2.3-47	6	1	1	liver	hepatitis	hemorrhagic
20024 A.2.3-47	1291	20024	A.2.3-47	5	1	1	liver	hepatitis	granulomatous
20024 A.2.3-47	1291	20024	A.2.3-47	4	2	2	kidney	nephritis	hemorrhagic
20024 A.2.3-47	1291	20024	A.2.3-47	2	1	1	heart	epicarditis	pyogranulomatous
20024 A.2.3-47	1291	20024	A.2.3-47	3	3	3	kidney	nephritis	interstitial
20024 A.2.4-11	404	20024	A.2.4-11	1	4	4	Spleen	congestion and hyperemia	lymphoid depletion
20024 A.2.4-11	404	20024	A.2.4-11	2	4	4	liver	telangeiectasia/peliosis	lymphoid depletion
20024 A.3.2-21	304	20024	A.3.2-21	3	5	5	Spleen	congestion and hyperemia	non specific
20024 A.3.2-21	304	20024	A.3.2-21	1	1	1	heart	myocarditis	pyogranulomatous
20024 A.3.2-21	304	20024	A.3.2-21	2	1	1	heart	epicarditis	pyogranulomatous
20024 A.3.2-22	506	20024	A.3.2-22	1	0	0	spleen	peritonius steatitis	post vaccination
20024 A.3.2-29	553	20024	A.3.2-29	1	6	6	heart	myocarditis	pyogranulomatous
20024 A.3.2-29	553	20024	A.3.2-29	2	7	7	spleen	splenitis	pyogranulomatous
20024 A.3.2-29	553	20024	A.3.2-29	3	8	8	liver	hepatitis	pyogranulomatous
20024 A.3.2-29	553	20024	A.3.2-29	4	10	10	spleen	hyperemia	hemorrhage
20024 A.3.3-44	141	20024	A.3.3-44	1	1	1	peritoneum	peritonitis	non specific
20024 A.3.3-48	466	20024	A.3.3-48	2	1	1	inflammation		
20024 A.3.3-49	467	20024	A.3.3-49	1	1	1	spleen hyperemia		
20024 A.3.4-16	1335	20024	A.3.4-16	3	2	2	liver	hepatitis	granulomatous
20024 A.3.4-16	1335	20024	A.3.4-16	4	2	2	heart	myocardial hypertrophy	environmental/nutritional
20024 A.3.4-16	1335	20024	A.3.4-16	2	2	2	heart	myocarditis	pyogranulomatous
20024 A.3.4-16	1335	20024	A.3.4-16	1	2	2	kidney	nephritis	granulomatous
20024 A.3.4-16	1335	20024	A.3.4-16	5	2	2	liver	hepatocellular degeneration	hypoxia
20024 A.3.4-21	1288	20024	A.3.4-21	11	2	2	kidney	nephritis	interstitial
20024 A.3.4-21	1288	20024	A.3.4-21	5	5	5	Spleen	congestion and hyperemia	lymphoid depletion
20024 A.3.4-21	1288	20024	A.3.4-21	3	1	1	spleen	hyperemia	hemorrhage
20024 A.3.4-21	1288	20024	A.3.4-21	4	2	2	liver	hepatitis	pyogranulomatous
20024 A.3.4-24	831	20024	A.3.4-24	1	1	1	heart	myocardial hypertrophy	environmental/nutritional
20024 A.3.4-24	831	20024	A.3.4-24	2	1	1	heart	endocarditis	parasitic/bacterial
20024 A.3.4-24	831	20024	A.3.4-24	3	2	2	liver	hepatitis	hemorrhagic
20024 A.3.4-24	831	20024	A.3.4-24	4	1	1	spleen	hyperemia	hemorrhage
20024 P.2-16	776	20024	P.2-16	4	0	0	heart endocardial	endocarditis	parasitic
20024 P.2-16	776	20024	P.2-16	5	0	0	liver	hepatitis	hemorrhagic
20024 P.2-16	776	20024	P.2-16	2	0	0	gill vasculature	xenoma	parasitic
20024 P.2-16	776	20024	P.2-16	1	0	0	gills	branchitis	parasitic
20024 P.2-16	776	20024	P.2-16	3	0	0	spleen vasculature	vasculitis	parasitic
20024 P.2-18	112	20024	P.2-18	12	2	2	spleen	splenitis	pyogranulomatous
20024 P.2-18	112	20024	P.2-18	2	1	1	Spleen	congestion and hyperemia	lymphoid depletion
20024 P.2-18	112	20024	P.2-18	3	2	2	kidney	nephritis	granulomatous
20024 P.2-18	112	20024	P.2-18	4	1	1	liver	hepatitis	hemorrhagic
20024 P.2-18	112	20024	P.2-18	5	2	2	liver	hepatitis	granulomatous
20024 P.2-24	456	20024	P.2-24	2	1	1	heart	myocarditis	
20024 P.2-24	456	20024	P.2-24	1	1	1	gill vasculature	xenoma	parasitic
20024 P.3-20	247	20024	P.3-20	1	1	1	liver	hepatitis	granulomatous
20024 P.3-21	247	20024	P.3-21	2	2	2	kidney	granuloma	granuloma
20024 P.3-21	247	20024	P.3-21	2	2	2	spleen	granuloma	granuloma
20024 P.3-27	769	20024	P.3-27	1	8	8	kidney	nephritis	interstitial
20024 P.3-27	769	20024	P.3-27	2	7	7	heart	myocarditis	bacterial
20024 P.3-27	769	20024	P.3-27	3	6	6	liver	hepatitis	granulomatous
20024 P.3-11	314	20031	A.2.3-11	1	7	7	kidney	nephritis	hemorrhagic
20031 A.2.3-11	314	20031	A.2.3-11	2	5	5	splenitis	necrohemorrhagic	
20031 A.2.3-11	314	20031	A.2.3-11	3	2	2	splenitis	fibrinohemorrhagic	
20031 A.2.3-17	520	20031	A.2.3-17	11	2	2	heart	myocardial hypertrophy	environmental/nutritional/genetic
20031 A.2.3-17	520	20031	A.2.3-17	3	1	1	kidney	nephritis	interstitial
20031 A.2.3-17	520	20031	A.2.3-17	2	4	4	heart	myocarditis	pyogranulomatous
20031 A.2.4-1	404	20031	A.2.4-1	1	1	1	heart	myocarditis	bacterial
20031 A.2.4-1	404	20031	A.2.4-1	2	1	1	kidney	nephritis	hemorrhagic
20031 A.2.4-1	404	20031	A.2.4-1	3	1	1	kidney	nephritis	interstitial
20031 A.2.4-1	404	20031	A.2.4-1	4	1	1	spleen	splenitis	pyogranulomatous
20031 A.2.4-1	404	20031	A.2.4-1	5	1	1	spleen	splenitis	bacterial
20031 A.2.4-3	1078	20031	A.2.4-3	4	5	5	liver	biliary duct hyperplasia	lymphocytic infiltrate
20031 A.2.4-3	1078	20031	A.2.4-3	5	0	0	heart	embolism	septic
20031 A.2.4-3	1078	20031	A.2.4-3	3	2	2	spleen	splenitis	pyogranulomatous
20031 A.2.4-3	1078	20031	A.2.4-3	2	1	1	spleen	peritonius steatitis	post vaccination
20031 A.3.2-12	211	20031	A.3.2-12	2	1	1	Liver	hemorrhage	non specific
20031 A.3.2-12	211	20031	A.3.2-12	3	1	1	spleen	splenitis	pyogranulomatous
20031 A.3.2-12	211	20031	A.3.2-12	1	1	1	Adipose tissue	peritonitis	
20031 A.3.2-2	304	20031	A.3.2-2	1	1	1	heart	myocarditis	pyogranulomatous
20031 A.3.2-2	304	20031	A.3.2-2	2	1	1	heart	epicardial	fibrosis
20031 A.3.2-2	304	20031	A.3.2-2	3	1	1	kidney	nephritis	granulomatous
20031 A.3.2-2	304	20031	A.3.2-2	4	1	1	liver	triaditis	
20031 A.3.3-15	142	20031	A.3.3-15	6	1	1	liver	granulomatous	parasitic
20031 A.3.3-15	142	20031	A.3.3-15	6	1	1	liver	sinusoids	congestion/hyperemia
20031 A.3.3-15	142	20031	A.3.3-15	3	1	1	spleen	hyperemia	hemorrhage
20031 A.3.3-15	142	20031	A.3.3-15	2	5	5	adipose tissue	steatitis	
20031 A.3.3-15	142	20031	A.3.3-15	1	1	1	Adipose tissue	peritonitis	
20031 A.3.3-15	142	20031	A.3.3-15	5	1	1	liver	triaditis	
20031 A.3.3-16	143	20031	A.3.3-16	1	3	3	Adipose tissue	peritonitis	
20031 A.3.3-16	143	20031	A.3.3-16	2	2	2	spleen	hepatocellular degeneration	multifocal
20031 A.3.3-16	143	20031	A.3.3-16	3	1	1	heart	myocardial hypertrophy	environmental/nutritional/genetic
20031 A.3.3-5	819	20031	A.3.3-5	1	2	2	Adipose tissue	peritonitis	
20031 A.3.3-5	819	20031	A.3.3-5	2	1	1	kidney	nephritis	granulomatous
20031 A.3.3-5	819	20031	A.3.3-5	3	4	4	spleen	peritonius steatitis	post vaccination
20031 A.3.4-11	1351	20031	A.3.4-11	1	1	1	heart	epicarditis	pyogranulomatous
20031 A.3.4-11	1351	20031	A.3.4-11	2	1	1	heart	myocarditis	pyogranulomatous
20031 A.3.4-11	1351	20031	A.3.4-11	3	2	2	Spleen	congestion and hyperemia	lymphoid depletion
20031 A.3.4-5	884	20031	A.3.4-5	3	1	1	liver	necrosis	multifocal
20031 A.3.4-5	884	20031	A.3.4-5	4	1	1	liver	hemorrhage	non specific
20031 A.3.4-5	884	20031	A.3.4-5	2	1	1	heart	myocarditis	bacterial
20031 A.3.4-5	884	20031	A.3.4-5	1	2	2	heart	embolism	septic
20031 A.3.4-5	884	20031	A.3.4-5	5	1	1	spleen	hyperplasia	
20031 A.3.4-9	831	20031	A.3.4-9	11	10	10	kidney	nephritis	hemorrhagic
20031 A.3.4-9	831	20031	A.3.4-9	2	1	1	kidney	nephritis	granulomatous
20031 A.3.4-9	831	20031	A.3.4-9	3	1	1	spleen	splenitis	pyogranulomatous
20031 A.3.4-9	831	20031	A.3.4-9	4	0	0	liver	hepatocellular degeneration	hypoxia
20031 P.2-6	1206	20031	P.2-6	1	1	1	heart	myocarditis	
20031 P.2-6	1206	20031	P.2-6	2	3	3	Spleen	congestion and hyperemia	lymphoid depletion
20031 P.2-6	1206	20031	P.2-6	3	1	1	liver	hepatitis	bacterial
20031 P.3-12	547	20031	P.3-12	1	1	1	spleen	splenitis	pyogranulomatous
20031 P.3-12	547	20031	P.3-12	6	6	6	kidney	nephritis	granulomatous
20031 P.3-12	547	20031	P.3-12	5	1	1	heart	endocarditis	parasitic/bacterial
20031 P.3-12	547	20031	P.3-12	4	3	3	heart	myocarditis	bacterial
20031 P.3-12	547	20031	P.3-12	2	1	1	Liver	cholangiohepatitis	
20031 P.3-12	547	20031	P.3-12	3	1	1	liver	hepatitis	
20031 P.3-14	733	20031	P.3-14	1	2	2	kidney	nephritis	granulomatous
20031 P.3-14	733	20031	P.3-14	2	2	2	heart	myocarditis	bacterial
20031 P.3-14	733	20031	P.3-14	3	1	1	heart	epicarditis	pyogranulomatous
20031 P.3-14	733	20031	P.3-14	4	1	1	spleen	splenitis	pyogranulomatous
20031 P.3-14	733	20031	P.3-14	5	1	1	spleen	hyperplasia	
20031 P.3-15	1580	20031	P.3-15	2	1	1	heart	myocarditis	bacterial
20031 P.3-15	1580	20031	P.3-15	3	1	1	kidney	hyperplasia of lymphoid tissue	
20031 P.3-15	1580	20031	P.3-15	1	1	1	adipose tissue	steatitis	
20031 P.3-15	1580	20031	P.3-15	4	1	1	kidney	glomerular nephritis	
20031 P.3-9	137	20031	P.3-9	1	1	1	kidney	nephrocalcinosis	
20031 P.3-9	137	20031	P.3-9	2	1	1	liver	lipidosis	
20032 A.2-3-28	314	20032	A.2.3-28	7	1	1	heart	myocardial hypertrophy	environmental/nutritional/genetic
20032 A.2-3-28	314	20032	A.2.3-28	8	1	1	liver	granulomatous	parasitic
20032 A.2-3-28	314	20032	A.2.3-28	6	2	2	liver	triaditis	
20032 A.2-3-28	314	20032	A.2.3-28	5	2	2	kidney	focal hemorrhage	
20032 A.2-3-28	314	20032	A.2.3-28	4	1	1	heart	myocarditis	
20032 A.2-3-28	314	20032	A.2.3-28	3	1	1	liver	hepatitis	bacterial
20032 A.2-3-28	314	20032	A.2.3-28	2	1	1	heart	myocardial hypertrophy	environmental/nutritional/genetic
20032 A.2-3-28	314	20032	A.2.3-28	11	1	1	kidney	nephritis	interstitial
20032 A.2-3-28	314	20032	A.2.3-28	9	1	1	Spleen	congestion and hyperemia	lymphoid depletion
20032 A.2-3-32	56	20032	A.2.3-32	1	1	1	Adipose tissue	peritonitis	
20032 A.2-3-32	5								

20032 P.2-14	233	20032 P.2-14	2	0	liver	biliary duct hyperplasia	lymphocytic infiltrate	
20032 P.2-19	1206	20032 P.2-19	1	2	spleen	vasculitis	parasitic	loma
20032 P.2-19	1206	20032 P.2-19	2	1	kidney	hypoplasia of lymphoid tissue		
20032 P.2-22	1158	20032 P.2-22	4	3	liver	fibrin deposition		
20032 P.2-22	1158	20032 P.2-22	5	4	spleen	fibrin deposition		
20032 P.2-22	1158	20032 P.2-22	3	1	Liver	hepatitis		
20032 P.2-22	1158	20032 P.2-22	2	3	kidney	hyperplasia of lymphoid tissue		
20032 P.2-22	1158	20032 P.2-22	1	2	kidney	nephritis	granulomatous	
20032 P.2-22	1158	20032 P.2-22	6	1	heart	menomona	parasitic	loma salmonae
20032 P.2-23	1554	20032 P.2-23	1	2	liver	DIC		
20032 P.2-23	1554	20032 P.2-23	2	2	liver	lipidosis		
20032 P.2-23	1554	20032 P.2-23	3	1	kidney	nephritis	granulomatous	
20032 P.2-23	1554	20032 P.2-23	4	1	kidney	hyperplasia of lymphoid tissue		
20032 P.2-23	1554	20032 P.2-23	5	2	liver dic	disseminated intravascular coagulation		
20032 P.2-23	116	20032 P.2-23	1	1	heart	epicarditis	pyogranulomatous	
20032 P.2-23	216	20032 P.2-23	2	5	heart	myocarditis		
20032 P.2-23	216	20032 P.2-23	3	6	kidney	nephritis	interstitial	bacterial
20032 P.2-23	216	20032 P.2-23	4	4	spleen	splenitis	bacterial	
20032 P.2-23	216	20032 P.2-23	5	4	liver	hepatitis	granulomatous	
20032 P.2-28	248	20032 P.2-28	2	2	heart	myocarditis	bacterial	
20032 P.2-28	248	20032 P.2-28	5	1	vasculature	leucocytosis		
20032 P.2-28	248	20032 P.2-28	3	1	liver	hepatitis	bacterial	
20032 P.2-28	248	20032 P.2-28	1	2	kidney	nephritis	interstitial	bacterial
20032 P.2-28	248	20032 P.2-28	4	2	spleen	splenitis	pyogranulomatous	
20032 P.2-30	769	20032 P.2-30	1	6	kidney	splenitis	interstitial	bacterial
20032 P.2-30	769	20032 P.2-30	2	3	heart	myocarditis	bacterial	
20032 P.2-30	769	20032 P.2-30	3	1	heart	epicarditis	pyogranulomatous	
20032 P.2-30	769	20032 P.2-30	4	2	spleen	splenitis	bacterial	
20032 P.2-30	769	20032 P.2-30	5	3	liver	hepatitis	hemorrhagic	
20032 P.2-33	1580	20032 P.2-33	4	1	liver	hepatitis	bacterial	
20032 P.2-33	1580	20032 P.2-33	3	1	spleen	splenitis	pyogranulomatous	
20032 P.2-33	1580	20032 P.2-33	2	3	kidney	nephritis	interstitial	bacterial
20032 P.2-33	1580	20032 P.2-33	1	2	heart	embolism	septic	
20033 A.2-3-21	270	20033 A.2-3-21	2	1	heart	epicardial	fibrosis	
20033 A.2-3-21	270	20033 A.2-3-21	3	2	heart	myocarditis	bacterial	
20033 A.2-3-21	270	20033 A.2-3-21	4	4	vasculature	embolism	septic	bacterial
20033 A.2-3-21	270	20033 A.2-3-21	5	1	Spleen	congestion and hyperemia	lymphoid depletion	non specific
20033 A.2-3-21	270	20033 A.2-3-21	11	1	heart	embolism/thrombosis	septic	
20033 A.2-3-45	1507	20033 A.2-3-45	1	2	spleen	splenitis	pyogranulomatous	
20033 A.2-3-45	1507	20033 A.2-3-45	2	1	liver	hepatitis	hemorrhagic	
20033 A.2-4-21	404	20033 A.2-4-21	1	2	liver	hepatocellular degeneration		
20033 A.2-4-21	404	20033 A.2-4-21	2	1	Spleen	congestion and hyperemia	lymphoid depletion	non specific
20033 A.2-4-21	404	20033 A.2-4-21	3	1	heart	epicarditis	pyogranulomatous	
20033 A.2-4-28	1238	20033 A.2-4-28	1	1	heart	epicarditis	pyogranulomatous	
20033 A.2-4-28	1238	20033 A.2-4-28	2	1	spleen	splenitis	pyogranulomatous	
20033 A.2-2-2	304	20033 A.2-2-2	1	7	gills	branchitis	phytoplankton/algae	
20033 A.2-2-2	304	20033 A.2-2-2	2	2	spleen	hyperemia	hemorrhage	non specific
20033 A.2-2-2	304	20033 A.2-2-2	3	1	liver	necrosis	multifocal	
20033 A.2-3-1	211	20033 A.2-3-1	1	1	spleen	splenitis	pyogranulomatous	
20033 A.2-3-1	211	20033 A.2-3-1	2	1	Spleen	congestion and hyperemia		
20033 A.2-3-1	211	20033 A.2-3-1	3	1	spleen	necrosis	hematopoietic tissue	non specific
20033 A.2-3-1	211	20033 A.2-3-1	4	1	splenitis	fibriohemorrhagic		
20033 A.2-3-1	211	20033 A.2-3-1	5	1	heart	granuloma	septic	
20033 A.2-3-2	1196	20033 A.2-3-2	1	1	spleen	splenitis	pyogranulomatous	
20033 A.3-3-25	819	20033 A.3-3-25	2	1	kidney	nephritis	interstitial	bacterial
20033 A.3-3-25	819	20033 A.3-3-25	1	2	Liver	hepatitis		
20033 A.3-3-26	869	20033 A.3-3-26	1	1	Adipose tissue	peritonitis		
20033 A.3-3-26	869	20033 A.3-3-26	2	1	spleen	splenitis	pyogranulomatous	
20033 A.3-3-36	143	20033 A.3-3-36	1	1	heart	endocardial hypertrophy		
20033 A.3-3-36	143	20033 A.3-3-36	2	1	heart	endocardial hypertrophy	environmental/nutritional/genetic	
20033 A.3-3-36	143	20033 A.3-3-36	3	1	kidney tubules	proteinuria		
20033 A.3-3-36	143	20033 A.3-3-36	4	1	liver	hepatitis	hemorrhagic	
20033 A.3-3-37	465	20033 A.3-3-37	1	1	Liver/kidney	cholangiohepatitis		
20033 A.3-4-22	1336	20033 A.3-4-22	2	3	spleen	splenitis	granulomatous	
20033 A.3-4-22	1336	20033 A.3-4-22	3	1	splenic	edema		
20033 A.3-4-22	1336	20033 A.3-4-22	4	1	liver	peritonitis	bacterial	
20033 A.3-4-22	1336	20033 A.3-4-22	5	1	heart	endocarditis	parasitic/bacterial	
20033 A.3-4-22	1336	20033 A.3-4-22	11	1	liver	hepatitis	hemorrhagic	
20033 A.3-4-26	831	20033 A.3-4-26	4	1	heart	myocarditis		
20033 A.3-4-26	831	20033 A.3-4-26	1	2	liver	degeneration		
20033 A.3-4-26	831	20033 A.3-4-26	2	4	Spleen	congestion and hyperemia	lymphoid depletion	non specific
20033 A.3-4-26	831	20033 A.3-4-26	3	2	kidney	nephritis	interstitial	bacterial
20033 A.3-4-28	1351	20033 A.3-4-28	4	1	liver	hepatitis	pyogranulomatous	
20033 A.3-4-28	1351	20033 A.3-4-28	3	1	kidney	nephritis	granulomatous	
20033 A.3-4-28	1351	20033 A.3-4-28	1	3	spleen	splenitis	pyogranulomatous	
20033 A.3-4-28	1351	20033 A.3-4-28	2	1	heart	epicarditis	pyogranulomatous	
20033 P.2-22	244	20033 P.2-22	1	1	heart	endocardial hyperplasia		
20033 P.2-28	1158	20033 P.2-28	1	1	heart	myocarditis		
20033 P.2-29	1554	20033 P.2-29	3	1	heart	endocarditis	parasitic/bacterial	
20033 P.2-29	1554	20033 P.2-29	2	1	spleen	vasculitis	parasitic	loma
20033 P.2-29	1554	20033 P.2-29	3	1	kidney	hyperplasia of lymphoid tissue		
20033 P.3-29	137	20033 P.3-29	1	6	heart	epicarditis		
20033 P.3-29	137	20033 P.3-29	4	2	Liver	hepatitis		
20033 P.3-29	137	20033 P.3-29	1	1	kidney	nephrocalcinosis		
20033 P.3-29	137	20033 P.3-29	2	2	Liver	cholangiohepatitis		
20033 P.3-29	137	20033 P.3-29	3	1	liver	sinusoids	congestion/hyperemia	
20033 P.3-35	1580	20033 P.3-35	1	2	kidney	nephrocalcinosis		
20033 P.3-38	380	20033 P.3-38	6	1	liver	degeneration	centrilobular	
20033 P.3-38	380	20033 P.3-38	10	12	heart	myocarditis		
20033 P.3-38	380	20033 P.3-38	9	1	heart	endocardial hyperplasia		
20033 P.3-38	380	20033 P.3-38	8	2	Spleen	congestion and hyperemia	lymphoid depletion	non specific
20033 P.3-38	380	20033 P.3-38	6	1	liver	sinusoids	congestion/hyperemia	
20033 P.3-38	380	20033 P.3-38	4	1	liver	triaditis		
20033 P.3-38	380	20033 P.3-38	3	3	kidney	nephritis	interstitial	
20033 P.3-38	380	20033 P.3-38	2	1	kidney	hyperplasia of lymphoid tissue	granulomatous	
20033 P.3-38	380	20033 P.3-38	1	3	heart	epicarditis	pyogranulomatous	
20033 P.3-38	380	20033 P.3-38	7	1	spleen	splenitis	pyogranulomatous	
20034 A.2-3-48	1291	20034 A.2-3-48	1	1	heart	endocarditis	reactive	
20034 A.2-3-48	1291	20034 A.2-3-48	2	1	liver	hepatitis	granulomatous	
20034 A.2-3-48	1291	20034 A.2-3-48	3	3	spleen	peritonitis	granulomatous	
20034 A.2-3-48	270	20034 A.2-3-48	2	2	Spleen	embolism		
20034 A.2-3-48	270	20034 A.2-3-48	3	2	vasculature	embolism		
20034 A.2-3-49	270	20034 A.2-3-49	1	1	Spleen	congestion and hyperemia	lymphoid depletion	non specific
20034 A.2-3-50	234	20034 A.2-3-50	2	1	kidney	local hemorrhage		
20034 A.2-3-50	234	20034 A.2-3-50	3	1	kidney	nephritis	interstitial	
20034 A.2-3-50	234	20034 A.2-3-50	4	1	liver	hepatocytes	degeneration & necrosis	
20034 A.2-3-50	234	20034 A.2-3-50	5	1	spleen	histiocytosis	fibrin deposition	
20034 A.2-3-50	234	20034 A.2-3-50	1	1	Liver	hepatitis		
20034 A.2-4-51	1238	20034 A.2-4-51	4	1	kidney	histiocytosis		
20034 A.2-4-51	1238	20034 A.2-4-51	7	1	spleen	lymphoid depletion		
20034 A.2-4-51	1238	20034 A.2-4-51	5	1	heart	epicarditis	bacterial	
20034 A.2-4-51	1238	20034 A.2-4-51	3	1	liver	hepatitis	bacterial	
20034 A.2-4-51	1238	20034 A.2-4-51	2	1	Liver	cholangiohepatitis		
20034 A.2-4-51	1238	20034 A.2-4-51	1	1	heart	endocarditis	parasitic/bacterial	
20034 A.2-4-51	1238	20034 A.2-4-51	6	1	kidney	focal hemorrhage	emboli	
20034 A.2-4-52	1078	20034 A.2-4-52	1	1	heart	myocardial hypertrophy	environmental/nutritional/genetic	
20034 A.2-4-52	1078	20034 A.2-4-52	2	1	heart	myocarditis	bacterial	
20034 A.2-4-52	1078	20034 A.2-4-52	3	1	spleen	histiocytosis	fibrin deposition	
20034 A.2-4-52	1078	20034 A.2-4-52	4	1	heart	epicarditis		
20034 A.2-4-52	1078	20034 A.2-4-52	5	1	vasculature	embolism	septic	bacterial
20034 A.2-54	100	20034 A.2-54	1	1	liver	vasculature	vasculitis	
20034 A.2-54	100	20034 A.2-54	3	1	heart	endocardial hyperplasia		
20034 A.3-2-54	100	20034 A.3-2-54	2	1	heart	epicarditis	pyogranulomatous	
20034 A.3-2-55	211	20034 A.3-2-55	1	1	Liver	cholangiohepatitis		
20034 A.3-3-56	869	20034 A.3-3-56	1	1	heart	epicarditis	pyogranulomatous	
20034 A.3-3-56	869	20034 A.3-3-56	2	1	heart	endocarditis	reactive	
20034 A.3-3-57	465	20034 A.3-3-57	1	3	kidney	nephritis	granulomatous	
20034 A.3-3-57	465	20034 A.3-3-57	2	1	spleen	splenitis	pyogranulomatous	
20034 A.3-3-57	465	20034 A.3-3-57	3	1	liver	hepatitis	pyogranulomatous	
20034 A.3-3-57	465	20034 A.3-3-57	4	1	heart	myocardial hypertrophy	environmental/nutritional/genetic	
20034 A.3-3-57	465	20034 A.3-3-57	5	1	heart	epicarditis	nonsuppurative	
20034 A.3-3-58	136	20034 A.3-3-58	1	2	spleen	peritonitis	granulomatous	
20034 A.3-3-58	119	20034 A.3-3-58	1	1	heart	endocarditis	parasitic/bacterial	
20034 A.3-3-60	1144	20034 A.3-3-60	1	1	heart	epicarditis	pyogranulomatous	
20034 A.3-3-60	1144	20034 A.3-3-60	2	1	liver	hepatitis	non specific	
20034 A.3-4-61	831	20034 A.3-4-61	2	1	spleen	lymphoid depletion		
20034 A.3-4-61	831	20034 A.3-4-61	3	4	spleen	splenitis	pyogranulomatous	
20034 A.3-4-61	831	20034 A.3-4-61	4	1	spleen	histiocytosis	fibrin deposition	
20034 A.3-4-61	831	20034 A.3-4-61	5	1	liver	vasculature	vasculitis	
20034 A.3-4-61	831	20034 A.3-4-61	6	2	kidney	nephritis	interstitial	bacterial
20034 A.3-4-61	831	20034 A.3-4-61	7	1	heart	epicarditis	pyogranulomatous	
20034 A.3-4-61	831	20034 A.3-4-61	8	1	heart	myocarditis	pyogranulomatous	
20034 A.3-4-61	831	20034 A.3-4-61	1	2	heart	granuloma	ventricular	
20034 A.3-4-62	1336	20034 A.3-4-62	1	1	heart	myocarditis	granulomatous	
20034 P.2-39	1158	2						

20041 A.2.4-5	1079	20041 A.2.4-5	2	1	heart	myocarditis	pyogranulomatous	
20041 A.2.4-5	1079	20041 A.2.4-5	3	1	heart	epicarditis	pyogranulomatous	
20041 A.2.4-5	1079	20041 A.2.4-5	4	1	liver	peritonitis	bacterial	
20041 A.2.4-5	1079	20041 A.2.4-5	5	1	spleen	splenitis	pyogranulomatous	
20041 A.2.4-5	1079	20041 A.2.4-5	6	1	Liver	choleangiohepatitis		
20041 A.2.4-5	1079	20041 A.2.4-5	7	1	liver	congestion		
20041 A.2.4-6	1076	20041 A.2.4-6	2	1	Kidney	interstitial nephritis		
20041 A.2.4-6	1076	20041 A.2.4-6	3	1	liver	sinusoids	congestion/hyperemia	
20041 A.2.4-6	1076	20041 A.2.4-6	1	2	Spleen	congestion and hyperemia	lymphoid depletion	non specific
20041 A.2.4-7	1700	20041 A.2.4-7	1	4	adipose tissue	steatitis		
20041 A.2.4-8	1338	20041 A.2.4-8	1	1	Heart	endocarditis and myocarditis	granulomatous	
20041 A.2.4-8	1338	20041 A.2.4-8	2	1	heart	myocarditis	pyogranulomatous	
20041 A.2.4-8	1338	20041 A.2.4-8	3	1	kidney	nephritis	interstitial	bacterial
20041 A.3.2-10	304	20041 A.3.2-10	1	1	spleen	peritonitis	granulomatous	
20041 A.3.2-11	100	20041 A.3.2-11	1	1	kidney	nephritis	granulomatous	
20041 A.3.2-11	100	20041 A.3.2-11	2	1	kidney	hematopoietic	edema	
20041 A.3.2-11	100	20041 A.3.2-11	3	1	spleen	peritonitis steatitis		non specific
20041 A.3.3-12	728	20041 A.3.3-12	6	3	spleen	lymphoid depletion		
20041 A.3.3-12	728	20041 A.3.3-12	1	6	kidney	nephritis	interstitial	bacterial
20041 A.3.3-12	728	20041 A.3.3-12	2	6	liver	hepatitis	bacterial	
20041 A.3.3-13	869	20041 A.3.3-13	1	2	kidney	nephritis	interstitial	bacterial
20041 A.3.3-13	869	20041 A.3.3-13	2	1	liver	necrosis	multifocal	
20041 A.3.3-13	869	20041 A.3.3-13	3	1	liver	lipidosis		
20041 A.3.3-13	869	20041 A.3.3-13	4	2	spleen	splenitis	pyogranulomatous	
20041 A.3.3-13	869	20041 A.3.3-13	5	1	heart	myocarditis	pyogranulomatous	
20041 A.3.3-13	869	20041 A.3.3-13	6	1	heart	epicarditis	pyogranulomatous	
20041 A.3.3-14	136	20041 A.3.3-14	1	3	spleen	peritonitis	granulomatous	
20041 A.3.3-14	136	20041 A.3.3-14	2	2	Liver	hemorrhage		non specific
20041 A.3.3-14	136	20041 A.3.3-14	3	1	liver	hepatitis	pyogranulomatous	
20041 A.3.3-15	820	20041 A.3.3-15	1	2	Spleen	serositis	granulomatous	
20041 A.3.3-15	820	20041 A.3.3-15	2	1	heart	myocarditis	bacterial	
20041 A.3.3-16	819	20041 A.3.3-16	2	1	spleen	splenitis	bacterial	
20041 A.3.3-16	819	20041 A.3.3-16	3	2	liver	hepatitis	pyogranulomatous	
20041 A.3.3-16	819	20041 A.3.3-16	4	1	heart	epicarditis	pyogranulomatous	
20041 A.3.3-16	819	20041 A.3.3-16	1	1	kidney	nephritis	interstitial	bacterial
20041 A.3.3-17	1144	20041 A.3.3-17	1	1	Kidney	interstitial nephritis		
20041 A.3.3-17	1144	20041 A.3.3-17	2	1	Kidney	ectasia		
20041 A.3.3-17	1144	20041 A.3.3-17	3	1	spleen	peritonitis	granulomatous	
20041 A.3.4-18	1336	20041 A.3.4-18	1	1	heart	myocarditis	bacterial	
20041 A.3.4-18	1336	20041 A.3.4-18	2	1	Spleen	serositis	granulomatous	
20041 P.2-1	244	20041 P.2-1	6	2	liver	hepatitis	portal	lymphocytocitic
20041 P.2-1	244	20041 P.2-1	8	2	Liver	choleangiohepatitis		
20041 P.2-1	244	20041 P.2-1	7	1	liver	hepatocytosis	degeneration & necrosis	
20041 P.2-1	244	20041 P.2-1	4	3	kidney	glomerular nephritis		
20041 P.2-1	244	20041 P.2-1	2	1	heart	myocarditis	granulomatous	
20041 P.2-1	244	20041 P.2-1	5	7	kidney	plasmacytoid hyperplasia		
20041 P.2-1	244	20041 P.2-1	3	5	heart	epicarditis	pyogranulomatous	
20041 P.2-2	233	20041 P.2-2	1	1	kidney	nephritis	granulomatous	
20041 P.2-2	233	20041 P.2-2	2	1	heart	myocarditis	pyogranulomatous	
20041 P.2-2	233	20041 P.2-2	3	1	liver	hepatitis	granulomatous	
20041 P.2-2	233	20041 P.2-2	4	2	spleen	lymphoid depletion		
20041 P.2-3	1159	20041 P.2-3	1	3	kidney	nephritis	granulomatous	
20041 P.2-3	1159	20041 P.2-3	7	1	spleen	histiocytosis	fibrin deposition	
20041 P.2-3	1159	20041 P.2-3	6	2	spleen	lymphoid depletion		
20041 P.2-3	1159	20041 P.2-3	5	1	liver	peritonitis	bacterial	
20041 P.2-3	1159	20041 P.2-3	4	3	liver	hepatitis	bacterial	
20041 P.2-3	1159	20041 P.2-3	2	1	heart	myocarditis	pyogranulomatous	
20041 P.2-3	1159	20041 P.2-3	3	1	heart	epicarditis	pyogranulomatous	
20041 P.2.4	1158	20041 P.2.4	4	4	spleen	lymphoid depletion		
20041 P.2.4	1158	20041 P.2.4	9	1	Liver	choleangiohepatitis		
20041 P.2.4	1158	20041 P.2.4	8	2	liver dic	disseminated intravascular coagulation		
20041 P.2.4	1158	20041 P.2.4	7	1	Kidney	hematopoietic tissue	myelopoiesis	
20041 P.2.4	1158	20041 P.2.4	5	4	kidney	nephritis	granulomatous	
20041 P.2.4	1158	20041 P.2.4	2	3	heart	epicarditis	pyogranulomatous	
20041 P.2.4	1158	20041 P.2.4	1	2	heart	myocarditis	pyogranulomatous	
20041 P.2.4	1158	20041 P.2.4	6	2	kidney	hyperplasia of lymphoid tissue		
20041 P.2.5	112	20041 P.2-5	1	3	kidney	nephritis	granulomatous	
20041 P.2.5	112	20041 P.2-5	2	1	heart	myocarditis	bacterial	
20041 P.5	1626	20041 P.5-5	3	1	spleen	splenitis	pyogranulomatous	
20041 P.3-10	1626	20041 P.3-10	4	1	liver	hepatitis	pyogranulomatous	
20041 P.3-10	1626	20041 P.3-10	8	1	liver	necrosis	edema & fibrin	
20041 P.3-10	1626	20041 P.3-10	7	1	heart	myocarditis		
20041 P.3-10	1626	20041 P.3-10	5	1	kidney	histiocytosis		
20041 P.3-10	1626	20041 P.3-10	3	3	liver	lipidosis		
20041 P.3-10	1626	20041 P.3-10	2	1	kidney	plasmacytoid hyperplasia		
20041 P.3-10	1626	20041 P.3-10	1	2	kidney	nephritis	granulomatous	
20041 P.3-10	1626	20041 P.3-10	6	1	spleen	lymphoid depletion		
20041 P.3-11	388	20041 P.3-11	1	4	kidney	nephrocalcinosis		
20041 P.3-6	769	20041 P.3-6	1	2	kidney	nephritis	interstitial	bacterial
20041 P.3-6	769	20041 P.3-6	2	3	heart	epicarditis	pyogranulomatous	
20041 P.3-6	769	20041 P.3-6	3	2	liver	hepatitis	bacterial	
20041 P.3-6	769	20041 P.3-6	4	2	spleen	splenitis	bacterial	
20041 P.3-7	216	20041 P.3-7	1	5	kidney	nephritis	granulomatous	
20041 P.3-7	216	20041 P.3-7	4	5	heart	epicarditis	pyogranulomatous	
20041 P.3-7	216	20041 P.3-7	3	1	liver	hepatitis	pyogranulomatous	
20041 P.3-7	216	20041 P.3-7	2	5	spleen	peritonitis	granulomatous	
20042 A.2.3-19	1507	20042 A.2.3-19	1	2	Heart	epicarditis	granulomatous	
20042 A.2.3-19	1507	20042 A.2.3-19	2	3	Kidney	internal gland	hyperplasia	
20042 A.2.3-19	1507	20042 A.2.3-19	3	3	Kidney	erythrophagocytosis		
20042 A.2.3-20	527	20042 A.2.3-20	5	7	heart	embolism	septic	
20042 A.2.3-20	527	20042 A.2.3-20	10	2	Spleen	necrosis	septic	
20042 A.2.3-20	527	20042 A.2.3-20	9	8	Liver	embolism	septic	
20042 A.2.3-20	527	20042 A.2.3-20	8	8	heart	embolism	septic	
20042 A.2.3-20	527	20042 A.2.3-20	6	7	Kidney	embolism	septic	
20042 A.2.3-20	527	20042 A.2.3-20	4	5	spleen	peritonitis	post vaccination	non specific
20042 A.2.3-20	527	20042 A.2.3-20	3	4	liver	congestion		
20042 A.2.3-20	527	20042 A.2.3-20	2	2	liver	congestion		
20042 A.2.3-20	527	20042 A.2.3-20	7	1	liver	embolism	septic	
20042 A.2.3-21	520	20042 A.2.3-21	1	3	spleen	peritonitis	granulomatous	
20042 A.2.4-22	404	20042 A.2.4-22	3	6	liver	hepatitis	hemorrhagic	
20042 A.2.4-22	404	20042 A.2.4-22	6	4	liver	hepatitis	granulomatous	
20042 A.2.4-22	404	20042 A.2.4-22	7	4	heart	endocardial hyperplasia		
20042 A.2.4-22	404	20042 A.2.4-22	5	7	splenic	edema		
20042 A.2.4-22	404	20042 A.2.4-22	4	7	heart	endocardial hyperplasia	non specific	
20042 A.2.4-22	404	20042 A.2.4-22	2	3	heart	epicarditis	lymphohistiocytic	
20042 A.2.4-22	404	20042 A.2.4-22	1	3	spleen	granuloma		
20042 A.2.4-24	1338	20042 A.2.4-24	1	2	Liver	hepatocellular cytoplasmic	vacuolation	
20042 A.3.2-29	304	20042 A.3.2-29	3	3	liver	sinusoids	congestion/hyperemia	
20042 A.3.2-29	304	20042 A.3.2-29	1	4	spleen	peritonitis	granulomatous	
20042 A.3.2-30	1401	20042 A.3.2-30	9	1	heart	myocarditis		
20042 A.3.2-30	1401	20042 A.3.2-30	10	1	kidney	interstitial nephritis		
20042 A.3.2-30	1401	20042 A.3.2-30	8	1	liver	hepatitis	granulomatous	
20042 A.3.2-30	1401	20042 A.3.2-30	7	1	Pyloric caecae	peritonitis	granulomatous	
20042 A.3.2-30	1401	20042 A.3.2-30	6	1	heart	myocarditis	granulomatous	
20042 A.3.2-30	1401	20042 A.3.2-30	3	1	liver	necrosis	focal	
20042 A.3.2-30	1401	20042 A.3.2-30	2	1	liver	sinusoids	congestion/hyperemia	
20042 A.3.2-30	1401	20042 A.3.2-30	1	3	spleen	peritonitis	granulomatous	
20042 A.3.3-32	143	20042 A.3.3-32	4	3	liver	sinusoids	fibrin deposition	
20042 A.3.3-32	143	20042 A.3.3-32	11	6	liver	sinusoids	fibrin deposition	
20042 A.3.3-32	143	20042 A.3.3-32	10	7	spleen	lymphoid depletion		
20042 A.3.3-32	143	20042 A.3.3-32	9	7	kidney	nephritis	granulomatous	
20042 A.3.3-32	143	20042 A.3.3-32	8	6	spleen	lymphoid depletion		
20042 A.3.3-32	143	20042 A.3.3-32	7	6	kidney	nephritis	interstitial	granulomatous
20042 A.3.3-32	143	20042 A.3.3-32	5	3	kidney	hematopoietic	hyperplasia	
20042 A.3.3-32	143	20042 A.3.3-32	3	2	Kidney	hematopoietic	hyperplasia	
20042 A.3.3-32	143	20042 A.3.3-32	2	2	liver	hepatitis	portal	
20042 A.3.3-32	143	20042 A.3.3-32	1	1	liver	sinusoids	fibrin deposition	
20042 A.3.3-32	143	20042 A.3.3-32	6	6	heart	myocarditis	granulomatous	
20042 A.3.3-35	820	20042 A.3.3-35	2	2	spleen	peritonitis	pyogranulomatous	
20042 A.3.3-35	820	20042 A.3.3-35	3	3	spleen	peritonitis	granulomatous	
20042 A.3.3-35	820	20042 A.3.3-35	1	1	spleen	peritonitis	granulomatous	
20042 A.3.3-35	820	20042 A.3.3-35	4	3	spleen	splenitis		
20042 A.3.4-37	1288	20042 A.3.4-37	1	1	heart	pancarditis		
20042 A.3.4-37	1288	20042 A.3.4-37	2	3	kidney	hyperplasia of lymphoid tissue		
20042 A.3.4-37	1288	20042 A.3.4-37	3	4	spleen	splenitis	pyogranulomatous	
20042 A.3.4-37	1288	20042 A.3.4-37	4	4	Liver	hepatitis		
20042 A.3.4-37	1288	20042 A.3.4-37	5	4	kidney	hyperplasia of lymphoid tissue		
20042 A.3.4-37	1288	20042 A.3.4-37	6	4	heart	epicarditis	granulomatous	
20042 A.3.4-38	1335	20042 A.3.4-38	1	4	liver capsule	peritonitis		
20042 P.2-13	776	20042 P.2-13	6	4	Kidney	interstitial nephritis		
20042 P.2-13	776	20042 P.2-13	5	2	heart	myocarditis		
20042 P.2-13	776	20042 P.2-13	4	1	Liver	hepatitis	lymphohistiocytic	
20042 P.2-13	776	20042 P.2-13	3	1	spleen	splenitis		
20042 P.2-13	776	20042 P.2-13	2	1	Heart	myocarditis	lymphohistiocytic	
20042 P.2-13	776	20042 P.2-13	1	1	Kidney	interstitial nephritis		
20042 P.2-13</								

20042	P.3-19	137	20042	P.3-19	6	2	kidney	hematopoietic tissue		necrosis		
20042	P.3-19	137	20042	P.3-19	3	1	liver	hepatitis		granulomatous		
20042	P.3-19	137	20042	P.3-19	2	1	kidney	interstitial nephritis		lymphohistiocytic		
20042	P.3-19	137	20042	P.3-19	5	2	liver	necrosis		multifocal		
20042	P.3-19	137	20042	P.3-19	7	2	spleen	lymphoid depletion				
20042	P.3-19	137	20042	P.3-19	8	3	kidney	hyperplasia of lymphoid tissue				
20042	P.3-19	137	20042	P.3-19	9	4	kidney	hyperplasia of lymphoid tissue				
20042	P.3-19	137	20042	P.3-19	10	4	liver	myloid hyperplasia				
20042	P.3-19	137	20042	P.3-19	12	5	heart	endocarditis and myocarditis		lymphohistiocytic		
20042	P.3-19	137	20042	P.3-19	13	5	kidney	interstitial nephritis		lymphohistiocytic		
20042	P.3-19	137	20042	P.3-19	14	5	liver	hepatitis		granulomatous		
20042	P.3-19	137	20042	P.3-19	4	4	spleen	lymphoid depletion				
20042	P.3-19	137	20042	P.3-19	11	4	heart	endocardial hyperplasia				
20042	P.3-19	137	20042	P.3-19	15	5	spleen	lymphoid depletion				
20042	P.3-21	247	20042	P.3-21	5	3	skin	dermatitis		ulcerative		
20042	P.3-21	247	20042	P.3-21	6	3	kidney	hyperplasia of lymphoid tissue				
20042	P.3-21	247	20042	P.3-21	3	2	kidney	hyperplasia of lymphoid tissue				
20042	P.3-21	247	20042	P.3-21	11	1	kidney	hyperplasia of lymphoid tissue				
20042	P.3-21	247	20042	P.3-21	4	2	skin	eczidema		hyperplasia		
20042	P.3-22	216	20042	P.3-22	15	6	liver	serositis/periitonitis		granulomatous		
20042	P.3-22	216	20042	P.3-22	17	7	spleen	peritonitis		granulomatous		
20042	P.3-22	216	20042	P.3-22	7	3	adipose tissue	hepatitis				
20042	P.3-22	216	20042	P.3-22	14	6	spleen	peritonitis		granulomatous		
20042	P.3-22	216	20042	P.3-22	1	1	Spleen	granuloma				
20042	P.3-22	216	20042	P.3-22	2	2	kidney	granuloma				
20042	P.3-22	216	20042	P.3-22	3	3	liver	hepatitis		granulomatous		
20042	P.3-22	216	20042	P.3-22	4	3	Kidney	interstitial nephritis				
20042	P.3-22	216	20042	P.3-22	6	3	spleen	lymphoid depletion				
20042	P.3-22	216	20042	P.3-22	8	4	Adipose tissue	peritonitis				
20042	P.3-22	216	20042	P.3-22	9	4	Kidney	interrenal gland		hyperplasia		
20042	P.3-22	216	20042	P.3-22	10	5	liver	hepatitis		granulomatous		
20042	P.3-22	216	20042	P.3-22	13	5	Heart	epicarditis				
20042	P.3-22	216	20042	P.3-22	11	5	Kidney	interstitial nephritis				
20042	P.3-22	216	20042	P.3-22	12	5	spleen	lymphoid depletion				
20042	P.3-22	216	20042	P.3-22	5	3	heart	myocarditis		granulomatous		
20042	P.3-22	216	20042	P.3-22	16	7	kidney	interstitial nephritis		granulomatous		
20043	A.2-3-39	1291	20043	A.2-3-39	8	1	liver	necrosis		local		
20043	A.2-3-39	1291	20043	A.2-3-39	8	3	Heart	epicarditis				
20043	A.2-3-39	1291	20043	A.2-3-39	5	1	Heart	epicarditis				
20043	A.2-3-39	1291	20043	A.2-3-39	4	1	Pertoneum	peritonitis				
20043	A.2-3-39	1291	20043	A.2-3-39	3	2	spleen	peritonitis		granulomatous		
20043	A.2-3-39	1291	20043	A.2-3-39	2	1	liver	choolangitis				
20043	A.2-3-39	1291	20043	A.2-3-39	1	1	liver	hepatocytes		degeneration & necrosis		
20043	A.2-3-40	1507	20043	A.2-3-40	1	1	kidney	hematopoietic		hypoplasia		
20043	A.2-3-40	1507	20043	A.2-3-40	2	1	liver	thrombus				
20043	A.2-3-41	1148	20043	A.2-3-41	1	3	spleen	peritonitis		granulomatous		
20043	A.2-3-41	1148	20043	A.2-3-41	6	5	Pertoneum	peritonitis				
20043	A.2-3-41	1148	20043	A.2-3-41	5	5	Heart	epicarditis				
20043	A.2-3-41	1148	20043	A.2-3-41	4	5	liver	biliary duct hyperplasia				
20043	A.2-3-41	1148	20043	A.2-3-41	2	4	peritoneum	peritonitis		granulomatous		
20043	A.2-3-41	1148	20043	A.2-3-41	3	4	liver	hepatitis		granulomatous		
20043	A.2-4-43	1700	20043	A.2-4-43	7	5	liver	granuloma				
20043	A.2-4-43	1700	20043	A.2-4-43	16	9	Heart	epicarditis				
20043	A.2-4-43	1700	20043	A.2-4-43	15	9	Pertoneum	peritonitis		granulomatous		
20043	A.2-4-43	1700	20043	A.2-4-43	14	8	Heart	epicarditis				
20043	A.2-4-43	1700	20043	A.2-4-43	13	8	spleen	peritonitis		granulomatous		
20043	A.2-4-43	1700	20043	A.2-4-43	11	6	kidney	local dilation				
20043	A.2-4-43	1700	20043	A.2-4-43	1	1	Liver	biliary preductular cell hyperplasia				
20043	A.2-4-43	1700	20043	A.2-4-43	17	12	Liver	biliary preductular cell hyperplasia				
20043	A.2-4-43	1700	20043	A.2-4-43	8	5	spleen	peritonitis				
20043	A.2-4-43	1700	20043	A.2-4-43	12	6	liver	choolangitis				
20043	A.2-4-43	1700	20043	A.2-4-43	6	4	Heart	epicarditis				
20043	A.2-4-43	1700	20043	A.2-4-43	5	4	peritoneum	peritonitis		granulomatous		
20043	A.2-4-43	1700	20043	A.2-4-43	4	3	peritoneum	peritonitis				
20043	A.2-4-43	1700	20043	A.2-4-43	3	2	Liver	erythropsiasis				
20043	A.2-4-43	1700	20043	A.2-4-43	2	1	Liver	erythropsiasis				
20043	A.2-4-43	1700	20043	A.2-4-43	9	6	Kidney	tubular necrosis				
20043	A.2-4-43	1700	20043	A.2-4-43	19	12	Intestine	peritonitis				
20043	A.2-4-43	1700	20043	A.2-4-43	20	12	spleen	peritonitis				
20043	A.2-4-43	1700	20043	A.2-4-43	21	13	spleen	peritonitis		granulomatous		
20043	A.2-4-43	1700	20043	A.2-4-43	22	13	liver	lipidosis				
20043	A.2-4-43	1700	20043	A.2-4-43	10	6	Kidney	peritubular fibrosis				
20043	A.2-4-43	1700	20043	A.2-4-43	23	13	Heart	epicarditis				
20043	A.2-4-43	1700	20043	A.2-4-43	18	12	Heart	epicarditis				
20043	A.2-4-44	1238	20043	A.2-4-44	2	2	liver	pericholangial fibrosis				
20043	A.2-4-44	1238	20043	A.2-4-44	7	1	Kidney	tubular necrosis				
20043	A.2-4-44	1238	20043	A.2-4-44	6	2	spleen	peritonitis		granulomatous		
20043	A.2-4-44	1238	20043	A.2-4-44	5	8	Heart	myocardial karyomegaly				
20043	A.2-4-44	1238	20043	A.2-4-44	3	4	liver	lipidosis				
20043	A.2-4-44	1238	20043	A.2-4-44	1	1	Liver	choolangiohepatitis				
20043	A.2-4-44	1238	20043	A.2-4-44	4	1	Heart	epicarditis				
20043	A.3-2-47	1136	20043	A.3-2-47	1	1	liver	choolangitis				
20043	A.3-2-47	1136	20043	A.3-2-47	7	4	kidney	nephritis		granulomatous		
20043	A.3-2-47	1136	20043	A.3-2-47	6	3	liver	hepatitis		granulomatous		
20043	A.3-2-47	1136	20043	A.3-2-47	5	3	liver	necrosis		multifocal		
20043	A.3-2-47	1136	20043	A.3-2-47	4	2	liver	hepatitis		granulomatous		
20043	A.3-2-47	1136	20043	A.3-2-47	2	1	spleen	splenitis		granulomatous		
20043	A.3-2-47	1136	20043	A.3-2-47	3	2	liver	lipidosis				
20043	A.3-2-49	1401	20043	A.3-2-49	6	3	spleen	peritonitis				
20043	A.3-2-49	1401	20043	A.3-2-49	5	2	Heart	myocardial karyomegaly				
20043	A.3-2-49	1401	20043	A.3-2-49	4	3	Heart	epicarditis				
20043	A.3-2-49	1401	20043	A.3-2-49	3	1	liver	necrosis		multifocal		
20043	A.3-2-49	1401	20043	A.3-2-49	2	1	liver	hepatitis		portal		
20043	A.3-2-49	1401	20043	A.3-2-49	1	1	liver	biliary duct hyperplasia		lymphocytic infiltrate		net pen liver disease
20043	A.3-2-50	1581	20043	A.3-2-50	6	8	Heart	epicarditis				
20043	A.3-2-50	1581	20043	A.3-2-50	10	1	kidney	interstitial nephritis		granulomatous		
20043	A.3-2-50	1581	20043	A.3-2-50	9	9	spleen	peritonitis				
20043	A.3-2-50	1581	20043	A.3-2-50	7	1	Heart	epicarditis		granulomatous		
20043	A.3-2-50	1581	20043	A.3-2-50	5	10	Heart	myocardial karyomegaly				
20043	A.3-2-50	1581	20043	A.3-2-50	4	3	liver	lipidosis				
20043	A.3-2-50	1581	20043	A.3-2-50	3	5	liver	biliary preductular cell hyperplasia				
20043	A.3-2-50	1581	20043	A.3-2-50	2	7	liver	pericholangitis				
20043	A.3-2-50	1581	20043	A.3-2-50	1	1	liver capsule	peritonitis				
20043	A.3-2-51	100	20043	A.3-2-51	8	1	heart	endocarditis		granulomatous		
20043	A.3-2-51	100	20043	A.3-2-51	5	2	Heart	myocardial karyomegaly				
20043	A.3-2-51	100	20043	A.3-2-51	9	2	kidney	nephritis		granulomatous		
20043	A.3-2-51	100	20043	A.3-2-51	11	2	liver	hepatitis		granulomatous		
20043	A.3-2-51	100	20043	A.3-2-51	2	1	liver	pericholangitis				
20043	A.3-2-51	100	20043	A.3-2-51	3	6	Heart	epicarditis				
20043	A.3-2-51	100	20043	A.3-2-51	4	1	heart	pancarditis				
20043	A.3-2-51	100	20043	A.3-2-51	6	1	spleen	splenitis		granulomatous		
20043	A.3-2-51	100	20043	A.3-2-51	8	3	kidney	hyperplasia of interstitial tissue				
20043	A.3-2-51	100	20043	A.3-2-51	7	7	spleen	peritonitis				
20043	A.3-3-53	869	20043	A.3-3-53	2	1	Heart	myocardial karyomegaly				
20043	A.3-3-53	869	20043	A.3-3-53	4	1	Kidney	tubular necrosis				
20043	A.3-3-53	869	20043	A.3-3-53	3	1	Pancreas	exocrine necrosis				
20043	A.3-3-53	869	20043	A.3-3-53	9	1	Heart	epicarditis		granulomatous		
20043	A.3-3-53	869	20043	A.3-3-53	8	1	liver	necrosis		multifocal		
20043	A.3-3-53	869	20043	A.3-3-53	7	1	Kidney	interstitial nephritis				
20043	A.3-3-53	869	20043	A.3-3-53	6	1	heart	myocarditis		granulomatous		
20043	A.3-3-53	869	20043	A.3-3-53	5	1	liver	hepatitis		granulomatous		
20043	A.3-3-53	869	20043	A.3-3-53	1	1	Liver	degeneration				

20043 P.2-24	112	20043P.2-24	4	2	liver	cholangitis			
20043 P.2-24	112	20043P.2-24	2	1	gall vasculature	xenoma			
20043 P.2-24	112	20043P.2-24	2	1	kidney	hyperplasia of interstitial tissue		parasitic	
20043 P.2-24	112	20043P.2-24	10	3	Heart	xenoma			
20043 P.2-24	112	20043P.2-24	25	6	liver	lipidosis			
20043 P.2-24	112	20043P.2-24	33	8	kidney	hyperplasia of interstitial tissue			
20043 P.2-24	112	20043P.2-24	32	8	Heart	epicarditis			
20043 P.2-24	112	20043P.2-24	31	7	kidney	hyperplasia of interstitial tissue			
20043 P.2-24	112	20043P.2-24	30	7	liver	lipidosis			
20043 P.2-24	112	20043P.2-24	29	6	kidney tubules	proteinuria			
20043 P.2-24	112	20043P.2-24	28	6	kidney	hyperplasia of interstitial tissue			
20043 P.2-24	112	20043P.2-24	17	4	Spleen	xenoma			
20043 P.2-24	112	20043P.2-24	26	6	Heart	thrombosis			
20043 P.2-24	112	20043P.2-24	19	4	gall vasculature	xenoma		parasitic	
20043 P.2-24	112	20043P.2-24	24	4	gall vasculature	xenoma		parasitic	
20043 P.2-24	112	20043P.2-24	23	5	kidney tubules	proteinuria			
20043 P.2-24	112	20043P.2-24	22	5	kidney	hyperplasia of interstitial tissue			
20043 P.2-24	112	20043P.2-24	21	5	Spleen	xenoma			
20043 P.2-24	112	20043P.2-24	20	5	Heart	thrombosis			
20043 P.2-24	112	20043P.2-24	16	4	Heart	epicarditis			
20043 P.2-24	112	20043P.2-24	27	6	Spleen	xenoma			
20043 P.2-24	112	20043P.2-24	18	4	kidney	hyperplasia of interstitial tissue			
20043 P.3-26	1580	20043P.3-26	12	2	Heart	epicarditis			
20043 P.3-26	1580	20043P.3-26	3	2	spleen	peritonitis			
20043 P.3-26	1580	20043P.3-26	1	2	liver	lipidosis			
20043 P.3-27	138	20043P.3-27	9	2	Liver	hepatitis			
20043 P.3-27	138	20043P.3-27	10	1	Liver	biliary preductular cell hyperplasia			
20043 P.3-27	138	20043P.3-27	8	3	liver	lipidosis			
20043 P.3-27	138	20043P.3-27	7	1	spleen	peritonitis		granulomatous	
20043 P.3-27	138	20043P.3-27	5	1	Heart	xenoma			
20043 P.3-27	138	20043P.3-27	4	1	kidney tubules	proteinuria			
20043 P.3-27	138	20043P.3-27	2	1	gills	branchitis			
20043 P.3-27	138	20043P.3-27	1	1	gall vasculature	xenoma		parasitic	
20043 P.3-27	138	20043P.3-27	6	1	Spleen	xenoma			
20043 P.3-27	138	20043P.3-27	11	1	Heart	epicarditis			
20043 P.3-28	1626	20043P.3-28	2	1	kidney	glomerular nephritis			
20043 P.3-28	1626	20043P.3-28	10	3	Heart	endocarditis		granulomatous	
20043 P.3-28	1626	20043P.3-28	8	3	liver	lipidosis			
20043 P.3-28	1626	20043P.3-28	6	3	kidney	glomerular nephritis			
20043 P.3-28	1626	20043P.3-28	5	3	kidney	interstitial nephritis		granulomatous	
20043 P.3-28	1626	20043P.3-28	3	2	liver	lipidosis			
20043 P.3-28	1626	20043P.3-28	1	1	liver	lipidosis			
20043 P.3-28	1626	20043P.3-28	11	3	spleen	splenitis		bacterial	
20043 P.3-28	1626	20043P.3-28	9	3	Heart	epicarditis		granulomatous	
20043 P.3-28	1626	20043P.3-28	4	2	Heart	epicarditis			
20043 P.3-28	1626	20043P.3-28	18	5	Liver	hepatitis			
20043 P.3-28	1626	20043P.3-28	12	4	kidney	glomerular nephritis			
20043 P.3-28	1626	20043P.3-28	24	7	Heart	epicarditis			
20043 P.3-28	1626	20043P.3-28	23	6	Liver	hepatitis			
20043 P.3-28	1626	20043P.3-28	22	6	liver	lipidosis			
20043 P.3-28	1626	20043P.3-28	21	6	Heart	bacteria			
20043 P.3-28	1626	20043P.3-28	7	3	liver	hepatitis		granulomatous	
20043 P.3-28	1626	20043P.3-28	19	6	kidney	interstitial nephritis		granulomatous	
20043 P.3-28	1626	20043P.3-28	17	3	liver	serositis/peritonitis		granulomatous	
20043 P.3-28	1626	20043P.3-28	16	4	spleen	peritonitis			
20043 P.3-28	1626	20043P.3-28	15	4	Heart	epicarditis		granulomatous	
20043 P.3-28	1626	20043P.3-28	14	4	Heart	endocarditis		granulomatous	
20043 P.3-28	1626	20043P.3-28	13	4	kidney tubules	proteinuria			
20043 P.3-28	1626	20043P.3-28	20	6	kidney	glomerular nephritis			
20043 P.3-28	389	20043P.3-28	1	2	spleen	peritonitis			
20043 P.3-31	216	20043P.3-31	3	3	kidney	hyperplasia of interstitial tissue			
20043 P.3-31	216	20043P.3-31	1	2	kidney	nephrocalcinosis			
20043 P.3-31	216	20043P.3-31	2	3	liver	lipidosis			
20044 A.2.3-61	520	20044A.2.3-61	4	8	spleen	peritonitis			
20044 A.2.3-61	520	20044A.2.3-61	1	1	liver	pericholangitis			
20044 A.2.3-61	520	20044A.2.3-61	5	1	Kidney	interstitial nephritis			
20044 A.2.3-61	520	20044A.2.3-61	6	1	Kidney	bacteria			
20044 A.2.3-61	520	20044A.2.3-61	3	1	liver	necrosis		multifocal	
20044 A.2-3-61	520	20044A.2.3-61	2	2	liver	lipidosis			
20044 A.2.3-62	527	20044A.2.3-62	11	4	liver	hepatitis		bacterial	
20044 A.2.3-62	527	20044A.2.3-62	6	2	Spleen	necrosis			
20044 A.2.3-62	527	20044A.2.3-62	7	1	kidney	hyperplasia of interstitial tissue			
20044 A.2.3-62	527	20044A.2.3-62	8	11	kidney	tubular intracytoplasmic protein droplets			
20044 A.2.3-62	527	20044A.2.3-62	2	3	liver	vasculature		vasculitis	
20044 A.2.3-62	527	20044A.2.3-62	10	5	Heart	endocarditis		lymphohistiocytic	
20044 A.2.3-62	527	20044A.2.3-62	5	6	Heart	epicarditis			
20044 A.2.3-62	527	20044A.2.3-62	12	1	spleen	splenitis		granulomatous	
20044 A.2.3-62	527	20044A.2.3-62	13	7	kidney	nephritis			
20044 A.2.3-62	527	20044A.2.3-62	14	4	spleen	histiocytosis		interstitial	bacterial
20044 A.2.3-62	527	20044A.2.3-62	4	2	liver	pericholangitis			
20044 A.2.3-62	527	20044A.2.3-62	9	7	kidney	histiocytosis			
20044 A.2.3-62	527	20044A.2.3-62	1	3	spleen	peritonitis			
20044 A.2.3-62	527	20044A.2.3-62	3	1	liver	lipidosis			
20044 A.2.4-63	1738	20044A.2.4-63	3	1	spleen	hemorrhage			
20044 A.2.4-63	1738	20044A.2.4-63	11	2	Liver	parenchyma		golden pigment	
20044 A.2.4-63	1738	20044A.2.4-63	2	1	Heart	epicarditis			
20044 A.2.4-64	1700	20044A.2.4-64	2	2	liver	basophilic cytoplasm			
20044 A.2.4-64	1700	20044A.2.4-64	3	1	spleen	peritonitis			
20044 A.2.4-64	1700	20044A.2.4-64	1	1	Heart	epicarditis			
20044 A.2.4-65	1237	20044A.2.4-65	1	2	liver	lipidosis			
20044 A.2.4-65	1237	20044A.2.4-65	2	1	Heart	thrombosis			
20044 A.2.4-65	1237	20044A.2.4-65	3	1	Heart	myocardial karyomegaly			
20044 A.3.2-67	211	20044A.3.2-67	6	1	spleen	splenitis		granulomatous	
20044 A.3.2-67	211	20044A.3.2-67	7	3	kidney	tubular intracytoplasmic protein droplets			
20044 A.3.2-67	211	20044A.3.2-67	5	2	spleen	pigment		yellow green	
20044 A.3.2-67	211	20044A.3.2-67	1	1	liver	pericholangitis			
20044 A.3.2-67	211	20044A.3.2-67	2	4	liver	lipidosis			
20044 A.3.2-67	211	20044A.3.2-67	3	1	Heart	endocarditis			
20044 A.3.2-67	211	20044A.3.2-67	4	2	spleen	peritonitis		granulomatous	
20044 A.3.2-68	1401	20044A.3.2-68	7	1	spleen	congestion			
20044 A.3.2-68	1401	20044A.3.2-68	5	2	kidney	eosinophilic granular cells			
20044 A.3.2-68	1401	20044A.3.2-68	4	1	kidney	edema			
20044 A.3.2-68	1401	20044A.3.2-68	3	1	spleen	congestion			
20044 A.3.2-68	1401	20044A.3.2-68	2	2	Heart	myocardial karyomegaly			
20044 A.3.2-68	1401	20044A.3.2-68	1	1	liver	lipidosis			
20044 A.3.2-68	1401	20044A.3.2-68	6	1	spleen	peritonitis		granulomatous	
20044 A.3.2-69	78	20044A.3.2-69	11	1	liver	hepatocytes		degeneration	
20044 A.3.2-69	78	20044A.3.2-69	10	1	kidney	tubular mineralization			
20044 A.3.2-69	78	20044A.3.2-69	9	1	kidney	tubular intracytoplasmic protein droplets			
20044 A.3.2-69	78	20044A.3.2-69	8	1	Liver	biliary preductular cell hyperplasia			
20044 A.3.2-69	78	20044A.3.2-69	7	1	liver	necrosis		focal	
20044 A.3.2-69	78	20044A.3.2-69	6	1	kidney	interstitial nephritis			
20044 A.3.2-69	78	20044A.3.2-69	4	1	Heart	epicarditis			
20044 A.3.2-69	78	20044A.3.2-69	2	4	spleen	peritonitis			
20044 A.3.2-69	78	20044A.3.2-69	1	5	liver	basophilic cytoplasm			
20044 A.3.2-69	78	20044A.3.2-69	12	1	Liver	biliary preductular cell hyperplasia			
20044 A.3.2-69	78	20044A.3.2-69	9	3	liver	hepatitis		granulomatous	
20044 A.3.2-69	78	20044A.3.2-69	13	1	kidney	eosinophilic granular cells			
20044 A.3.2-69	78	20044A.3.2-69	5	1	spleen	splenitis		granulomatous	
20044 A.3.2-70	871	20044A.3.2-70	2	1	liver	vasculature		vasculitis	
20044 A.3.2-70	871	20044A.3.2-70	3	2	Heart	endocarditis			
20044 A.3.2-70	871	20044A.3.2-70	4	1	Heart	myocardial karyomegaly			
20044 A.3.2-70	871	20044A.3.2-70	5	1	spleen	peritonitis		granulomatous	
20044 A.3.2-70	871	20044A.3.2-70	6	1	kidney	hematopoietic		hyperplasia	
20044 A.3.2-70	871	20044A.3.2-70	7	1	Liver	hepatitis			
20044 A.3.2-70	871	20044A.3.2-70	8	1	Heart	epicarditis			
20044 A.3.2-70	871	20044A.3.2-70	1	2	liver	lipidosis			
20044 A.3.2-71	306	20044A.3.2-71	6	2	liver	pericholangitis			
20044 A.3.2-71	306	20044A.3.2-71	1	1	spleen	splenitis			
20044 A.3.2-71	306	20044A.3.2-71	2	1	liver	lipidosis			
20044 A.3.2-71	306	20044A.3.2-71	3	1	Heart	myocardial karyomegaly			
20044 A.3.2-71	306	20044A.3.2-71	5	2	Liver	biliary preductular cell hyperplasia			
20044 A.3.2-71	306	20044A.3.2-71	4	3	spleen	peritonitis			
20044 A.3.3-73	467	20044A.3.3-73	3	1	Heart	myocardial karyomegaly			
20044 A.3.3-73	467	20044A.3.3-73	4	1	spleen	peritonitis			
20044 A.3.3-73	467	20044A.3.3-73	5	1	kidney	nephritis		granulomatous	
20044 A.3.3-73	467	20044A.3.3-73	6	1	Liver	parenchyma		golden pigment	
20044 A.3.3-73	467	20044A.3.3-73	1	2	liver	lipidosis			
20044 A.3.3-73	467	20044A.3.3-73	2	3	liver	basophilic cytoplasm			
20044 A.3.3-75	465	20044A.3.3-75	2	4	spleen	peritonitis			
20044 A.3.3-75	465	20044A.3.3-75	7	1	Kidney	tubular necrosis			
20044 A.3.3-75</									

20044	P.2-34	1596	20044	P.2-34	11	3	liver	lipidosis		
20044	P.2-34	1596	20044	P.2-34	5	1	Liver	hepatitis		
20044	P.3-35	376	20044	P.3-35	5	4	kidney	nephrocalcinosis		
20044	P.3-35	376	20044	P.3-35	1	1	liver	basophilic cytoplasm		
20044	P.3-35	376	20044	P.3-35	7	1	Heart	myocardial karyomegaly		
20044	P.3-35	376	20044	P.3-35	4	1	kidney	tubal dilation		
20044	P.3-35	376	20044	P.3-35	3	2	spleen	splenitis	granulomatous	
20044	P.3-35	376	20044	P.3-35	2	1	Heart	thrombosis		
20044	P.3-35	376	20044	P.3-35	6	2	liver	lipidosis		
20044	P.3-37	136	20044	P.3-37	11	1	spleen	peritonitis		
20044	P.3-37	136	20044	P.3-37	2	11	liver	pericholangitis		
20044	P.3-37	136	20044	P.3-37	3	3	kidney	glomerular nephritis		
20044	P.3-37	136	20044	P.3-37	4	6	kidney	hyperplasia of interstitial tissue		
20044	P.3-37	136	20044	P.3-37	5	2	Heart	epicarditis		
20044	P.3-37	136	20044	P.3-37	6	8	spleen	pigment	yellow brown	
20044	P.3-37	136	20044	P.3-37	7	2	kidney	tubular intracytoplasmic protein droplets		
20044	P.3-37	136	20044	P.3-37	8	2	liver	basophilic cytoplasm		
20044	P.3-37	136	20044	P.3-37	9	1	Heart	xenoma		
20044	P.3-37	136	20044	P.3-37	10	3	Spleen	xenoma		
20044	P.3-37	136	20044	P.3-37	1	10	liver	lipidosis		
20044	P.3-38	733	20044	P.3-38	9	5	kidney	hyperplasia of interstitial tissue		
20044	P.3-38	733	20044	P.3-38	1	1	spleen	peritonitis		
20044	P.3-38	733	20044	P.3-38	3	3	Heart	epicarditis		
20044	P.3-38	733	20044	P.3-38	2	7	liver	lipidosis		
20044	P.3-38	733	20044	P.3-38	7	4	liver	basophilic cytoplasm		
20044	P.3-38	733	20044	P.3-38	1	5	liver	pericholangitis		
20044	P.3-38	733	20044	P.3-38	6	3	spleen	parenchyma	golden pigment	
20044	P.3-38	733	20044	P.3-38	5	2	liver	necrosis	multifocal	
20044	P.3-38	733	20044	P.3-38	8	1	Heart	xenoma		
20044	P.3-39	248	20044	P.3-39	2	2	liver	basophilic cytoplasm		
20044	P.3-39	248	20044	P.3-39	3	1	Heart	endocarditis		
20044	P.3-39	248	20044	P.3-39	4	1	spleen	peritonitis		
20044	P.3-39	248	20044	P.3-39	1	2	liver	lipidosis		
20044	P.3-40	380	20044	P.3-40	10	10	2	hephtis		
20044	P.3-40	380	20044	P.3-40	13	1	Liver	biliary preductular cell hyperplasia	granulomatous	
20044	P.3-40	380	20044	P.3-40	4	7	kidney	hyperplasia of interstitial tissue		
20044	P.3-40	380	20044	P.3-40	12	1	liver	necrosis		
20044	P.3-40	380	20044	P.3-40	9	1	kidney	tubular intracytoplasmic protein droplets		
20044	P.3-40	380	20044	P.3-40	8	3	kidney	glomerular nephritis		
20044	P.3-40	380	20044	P.3-40	7	3	liver	basophilic cytoplasm		
20044	P.3-40	380	20044	P.3-40	6	2	Liver	hepatitis		
20044	P.3-40	380	20044	P.3-40	5	1	spleen	peritonitis		
20044	P.3-40	380	20044	P.3-40	1	3	liver	pericholangitis		
20044	P.3-40	380	20044	P.3-40	2	6	liver	lipidosis		
20044	P.3-40	380	20044	P.3-40	3	7	Heart	epicarditis		
20044	P.3-40	380	20044	P.3-40	11	1	spleen	vasculitis		
20051	A.2-3-1	1507	20051	A.2-3-1	3	5	kidney	tubular intracytoplasmic protein droplets		
20051	A.2-3-1	1507	20051	A.2-3-1	7	4	heart	endocarditis		
20051	A.2-3-1	1507	20051	A.2-3-1	8	1	kidney	tubal dilation		
20051	A.2-3-1	1507	20051	A.2-3-1	9	3	Heart	epicarditis		
20051	A.2-3-1	1507	20051	A.2-3-1	10	1	spleen	vasculitis		
20051	A.2-3-1	1507	20051	A.2-3-1	11	1	gill	branchial parasites		
20051	A.2-3-1	1507	20051	A.2-3-1	12	1	Kidney	tubular necrosis		
20051	A.2-3-1	1507	20051	A.2-3-1	13	1	liver	pericholangitis		
20051	A.2-3-1	1507	20051	A.2-3-1	1	5	liver	lipidosis		
20051	A.2-3-1	1507	20051	A.2-3-1	4	3	Liver	hepatitis		
20051	A.2-3-1	1507	20051	A.2-3-1	2	6	spleen	peritonitis		
20051	A.2-3-1	1507	20051	A.2-3-1	6	1	spleen	splenitis	granulomatous	
20051	A.2-3-1	1507	20051	A.2-3-1	5	1	liver	serositis/peritonitis	granulomatous	
20051	A.2-3-2	314	20051	A.2-3-2	10	1	kidney	histiocytosis		
20051	A.2-3-2	314	20051	A.2-3-2	1	4	Heart	epicarditis		
20051	A.2-3-2	314	20051	A.2-3-2	2	6	spleen	peritonitis		
20051	A.2-3-2	314	20051	A.2-3-2	3	1	Heart	endocarditis		
20051	A.2-3-2	314	20051	A.2-3-2	4	4	Kidney	tubular necrosis		
20051	A.2-3-2	314	20051	A.2-3-2	5	1	liver	arteritis		
20051	A.2-3-2	314	20051	A.2-3-2	7	3	kidney	tubular intracytoplasmic protein droplets		
20051	A.2-3-2	314	20051	A.2-3-2	6	1	Heart	thrombosis		
20051	A.2-3-2	314	20051	A.2-3-2	9	1	heart	myocardial	necrosis	
20051	A.2-3-2	314	20051	A.2-3-2	8	2	liver	lipidosis		
20051	A.2-3-4	520	20051	A.2-3-4	8	2	Heart	myocardial karyomegaly		
20051	A.2-3-4	520	20051	A.2-3-4	1	2	liver	necrosis	multifocal	
20051	A.2-3-4	520	20051	A.2-3-4	2	1	liver	pericholangitis		
20051	A.2-3-4	520	20051	A.2-3-4	3	4	liver	lipidosis		
20051	A.2-3-4	520	20051	A.2-3-4	4	3	Heart	epicarditis		
20051	A.2-3-4	520	20051	A.2-3-4	5	2	spleen	ellipsoid	hyalinization	
20051	A.2-3-4	520	20051	A.2-3-4	7	1	Liver	hepatocellular cytoplasmic	vacuolation	
20051	A.2-3-4	520	20051	A.2-3-4	9	1	Liver	biliary preductular cell hyperplasia		
20051	A.2-3-4	520	20051	A.2-3-4	10	1	heart	endocarditis		
20051	A.2-3-4	520	20051	A.2-3-4	11	1	kidney	tubular intracytoplasmic protein droplets		
20051	A.2-3-4	520	20051	A.2-3-4	6	5	spleen	peritonitis		
20051	A.2-4-5	144	20051	A.2-4-5	6	3	Heart	epicarditis		
20051	A.2-4-5	144	20051	A.2-4-5	4	1	liver	basophilic cytoplasm		
20051	A.2-4-5	144	20051	A.2-4-5	10	4	spleen	peritonitis		
20051	A.2-4-5	144	20051	A.2-4-5	11	1	kidney	eosinophilic granular cells		
20051	A.2-4-5	144	20051	A.2-4-5	7	2	Heart	myocardial karyomegaly		
20051	A.2-4-5	144	20051	A.2-4-5	5	1	liver capsule	peritonitis		
20051	A.2-4-5	144	20051	A.2-4-5	1	2	liver	pericholangitis		
20051	A.2-4-5	144	20051	A.2-4-5	2	5	Liver	biliary preductular cell hyperplasia		
20051	A.2-4-5	144	20051	A.2-4-5	3	5	liver	lipidosis		
20051	A.2-4-5	144	20051	A.2-4-5	8	1	heart	endocarditis		
20051	A.2-4-5	144	20051	A.2-4-5	9	1	spleen	parenchyma	golden pigment	
20051	A.2-4-6	1705	20051	A.2-4-6	1	2	Heart	macrophage aggregates	yellow brown pigment	
20051	A.2-4-6	1705	20051	A.2-4-6	2	2	liver	lipidosis		
20051	A.2-4-6	1705	20051	A.2-4-6	3	2	Heart	myocardial karyomegaly		
20051	A.2-4-8	1078	20051	A.2-4-8	11	1	liver capsule	peritonitis		
20051	A.2-4-8	1078	20051	A.2-4-8	8	1	Kidney	tubular necrosis		
20051	A.2-4-8	1078	20051	A.2-4-8	7	1	kidney	tubular intracytoplasmic protein droplets		
20051	A.2-4-8	1078	20051	A.2-4-8	6	3	spleen	peritonitis		
20051	A.2-4-8	1078	20051	A.2-4-8	5	1	Heart	epicarditis		
20051	A.2-4-8	1078	20051	A.2-4-8	4	1	Liver	parenchyma	golden pigment	
20051	A.2-4-8	1078	20051	A.2-4-8	3	3	liver	basophilic cytoplasm		
20051	A.2-4-8	1078	20051	A.2-4-8	3	1	Liver	biliary preductular cell hyperplasia		
20051	A.3-2-10	1581	20051	A.3-2-10	1	3	liver	lipidosis		
20051	A.3-2-10	1581	20051	A.3-2-10	2	2	Heart	epicarditis	lymphohistiocytic	
20051	A.3-2-10	1581	20051	A.3-2-10	3	2	kidney	tubal dilation		
20051	A.3-2-10	1581	20051	A.3-2-10	4	1	Kidney	interstitial nephritis		
20051	A.3-2-10	1581	20051	A.3-2-10	5	1	spleen	peritonitis		
20051	A.3-2-10	1581	20051	A.3-2-10	6	1	kidney	hyperplasia of interstitial tissue		
20051	A.3-2-11	211	20051	A.3-2-11	2	2	liver	lipidosis		
20051	A.3-2-11	211	20051	A.3-2-11	10	1	Liver	biliary preductular cell hyperplasia		
20051	A.3-2-11	211	20051	A.3-2-11	9	1	liver	hepatitis	granulomatous	
20051	A.3-2-11	211	20051	A.3-2-11	8	2	Heart	epicarditis		
20051	A.3-2-11	211	20051	A.3-2-11	7	1	kidney	nephritis	histiocytic	
20051	A.3-2-11	211	20051	A.3-2-11	6	2	kidney	tubular intracytoplasmic protein droplets		
20051	A.3-2-11	211	20051	A.3-2-11	5	2	spleen	parenchyma	golden pigment	
20051	A.3-2-11	211	20051	A.3-2-11	3	1	Heart	thrombosis		
20051	A.3-2-11	211	20051	A.3-2-11	11	2	liver	pericholangitis		
20051	A.3-2-11	211	20051	A.3-2-11	4	2	Heart	myocardial karyomegaly		
20051	A.3-2-12	306	20051	A.3-2-12	3	4	spleen	peritonitis		
20051	A.3-2-12	306	20051	A.3-2-12	4	1	liver	pericholangitis		
20051	A.3-2-12	306	20051	A.3-2-12	11	3	liver	basophilic cytoplasm		
20051	A.3-2-12	306	20051	A.3-2-12	2	4	liver	lipidosis	granulomatous	
20051	A.3-2-14	790	20051	A.3-2-14	5	1	spleen	peritonitis		
20051	A.3-2-14	790	20051	A.3-2-14	6	1	Heart	endocarditis		
20051	A.3-2-14	790	20051	A.3-2-14	4	1	Heart	myocardial karyomegaly		
20051	A.3-2-14	790	20051	A.3-2-14	3	2	Heart	epicarditis	granulomatous	
20051	A.3-2-14	790	20051	A.3-2-14	2	1	liver	basophilic cytoplasm		
20051	A.3-2-14	790	20051	A.3-2-14	1	1	liver	necrosis	focal	
20051	A.3-2-14	790	20051	A.3-2-14	7	1	kidney	interstitial nephritis	granulomatous	
20051	A.3-3-15	820	20051	A.3-3-15	5	4	liver	basophilic cytoplasm		
20051	A.3-3-15	820	20051	A.3-3-15	1	2	liver	necrosis	multifocal	
20051	A.3-3-15	820	20051	A.3-3-15	2	7	liver	lipidosis		
20051	A.3-3-15	820	20051	A.3-3-15	3	2	Heart	myocardial karyomegaly		
20051	A.3-3-15	820	20051	A.3-3-15	4	2	heart	endocarditis		
20051	A.3-3-15	820	20051	A.3-3-15	6	2	Heart	epicarditis		
20051	A.3-3-15	820	20051	A.3-3-15	8	1	sple			

20051 P.2-2	233	20051 P.2-2	1	9	liver	lipidosis		
20051 P.2-2	233	20051 P.2-2	3	5	heart	endocarditis		
20051 P.2-2	233	20051 P.2-2	4	3	heart	xenoma		lymphohistiocytic
20051 P.2-2	233	20051 P.2-2	4	1	heart	endothelial cell hypertrophy		
20051 P.2-2	233	20051 P.2-2	7	6	kidney	glomerular nephritis		
20051 P.2-2	233	20051 P.2-2	9	3	kidney	hyperplasia of interstitial tissue		
20051 P.2-2	233	20051 P.2-2	10	2	Kidney	xenoma		
20051 P.2-2	233	20051 P.2-2	11	4	gill	xenoma		parasitic
20051 P.2-2	233	20051 P.2-2	12	2	gills	branchitis		
20051 P.2-2	233	20051 P.2-2	13	2	gill	lamellae		telangiectasis
20051 P.2-2	233	20051 P.2-2	14	1	spleen	splenitis		
20051 P.2-2	233	20051 P.2-2	15	2	Spleen	xenoma		
20051 P.2-2	233	20051 P.2-2	16	1	Kidney	interstitial nephritis		
20051 P.2-2	233	20051 P.2-2	17	1	kidney	tubular intracytoplasmic protein droplets		
20051 P.2-2	233	20051 P.2-2	2	2	liver	pericholangitis		
20051 P.2-2	233	20051 P.2-2	6	3	heart	vasculitis		
20051 P.2-3	1419	20051 P.2-3	1	4	liver	lipidosis		
20051 P.2-3	1419	20051 P.2-3	4	5	kidney	nephrocalcinosis		
20051 P.2-3	1419	20051 P.2-3	2	1	Liver	hepatitis		
20051 P.2-3	1419	20051 P.2-3	3	2	spleen	peritonitis		
20051 P.3-4	380	20051 P.3-4	11	1	Kidney	interstitial nephritis		
20051 P.3-4	380	20051 P.3-4	7	2	Heart	thrombosis		
20051 P.3-4	380	20051 P.3-4	1	3	Liver	hepatitis		
20051 P.3-4	380	20051 P.3-4	15	1	spleen	parenchyma		golden pigment
20051 P.3-4	380	20051 P.3-4	14	1	spleen	splenitis		
20051 P.3-4	380	20051 P.3-4	12	2	Kidney	tubular necrosis		
20051 P.3-4	380	20051 P.3-4	10	3	kidney	tubular intracytoplasmic protein droplets		
20051 P.3-4	380	20051 P.3-4	9	4	kidney	glomerular nephritis		
20051 P.3-4	380	20051 P.3-4	8	5	kidney	hyperplasia of interstitial tissue		
20051 P.3-4	380	20051 P.3-4	6	4	heart	endocarditis		
20051 P.3-4	380	20051 P.3-4	2	4	liver	pericholangitis		
20051 P.3-4	380	20051 P.3-4	5	1	Liver	biliary preductular cell hyperplasia		
20051 P.3-4	380	20051 P.3-4	3	3	liver	necrosis		multifocal
20051 P.3-4	380	20051 P.3-4	4	2	liver	lipidosis		
20051 P.3-4	380	20051 P.3-4	13	1	Spleen	necrosis		
20051 P.3-5	1698	20051 P.3-5	1	2	liver	lipidosis		
20051 P.3-5	1698	20051 P.3-5	10	1	kidney	tubular intracytoplasmic protein droplets		
20051 P.3-5	1698	20051 P.3-5	4	1	Heart	epicarditis		
20051 P.3-5	1698	20051 P.3-5	3	1	Liver	hepatitis		
20051 P.3-5	1698	20051 P.3-5	5	1	heart	endocarditis		lymphohistiocytic
20051 P.3-5	1698	20051 P.3-5	9	2	kidney	thrombus		
20051 P.3-5	1698	20051 P.3-5	6	6	spleen	parenchyma		golden pigment
20051 P.3-5	1698	20051 P.3-5	7	2	spleen	peritonitis		
20051 P.3-5	1698	20051 P.3-5	8	1	Kidney	tubular necrosis		
20051 P.3-5	1698	20051 P.3-5	2	1	liver	basophilic cytoplasm		
20051 P.3-6	733	20051 P.3-6	5	1	liver capsule	peritonitis		
20051 P.3-6	733	20051 P.3-6	3	1	liver	epicarditis		fibrin deposition
20051 P.3-6	733	20051 P.3-6	2	6	liver	lipidosis		
20051 P.3-6	733	20051 P.3-6	4	2	liver	vasculature		vasculitis
20051 P.3-6	733	20051 P.3-6	7	4	heart	endocarditis		
20051 P.3-6	733	20051 P.3-6	8	1	Pentoneum	peritonitis		
20051 P.3-6	733	20051 P.3-6	9	1	Heart	thrombosis		
20051 P.3-6	733	20051 P.3-6	10	2	kidney	glomerular nephritis		
20051 P.3-6	733	20051 P.3-6	11	3	Kidney	interstitial nephritis		
20051 P.3-6	733	20051 P.3-6	12	2	spleen	parenchyma		golden pigment
20051 P.3-6	733	20051 P.3-6	13	3	kidney	hyperplasia of interstitial tissue		
20051 P.3-6	733	20051 P.3-6	14	1	kidney	tubular intracytoplasmic protein droplets		
20051 P.3-6	733	20051 P.3-6	1	4	liver	pericholangitis		
20051 P.3-6	733	20051 P.3-6	6	4	Heart	epicarditis		
20051 P.3-7	547	20051 P.3-7	3	6	heart	endocarditis		
20051 P.3-7	547	20051 P.3-7	6	1	kidney	tubular intracytoplasmic protein droplets		
20051 P.3-7	547	20051 P.3-7	4	5	Heart	epicarditis		
20051 P.3-7	547	20051 P.3-7	2	3	liver	pericholangitis		
20051 P.3-7	547	20051 P.3-7	1	5	liver	lipidosis		
20051 P.3-7	547	20051 P.3-7	11	5	kidney	hyperplasia of interstitial tissue		
20051 P.3-8	247	20051 P.3-8	2	3	liver	lipidosis		
20051 P.3-8	247	20051 P.3-8	9	1	kidney	hyperplasia of interstitial tissue		
20051 P.3-8	247	20051 P.3-8	9	2	kidney	glomerular nephritis		
20051 P.3-8	247	20051 P.3-8	7	1	kidney	tubular intracytoplasmic protein droplets		
20051 P.3-8	247	20051 P.3-8	6	2	kidney	nephritis		granulomatous
20051 P.3-8	247	20051 P.3-8	5	2	spleen	splenitis		granulomatous
20051 P.3-8	247	20051 P.3-8	3	1	Liver	hepatitis		
20051 P.3-8	247	20051 P.3-8	1	2	liver	hepatitis		granulomatous
20051 P.3-8	247	20051 P.3-8	4	2	heart	endocarditis		granulomatous
20052 A.2-3-23	543	20052 A.2-3-23	1	5	liver	basophilic cytoplasm		
20052 A.2-3-23	543	20052 A.2-3-23	2	3	Liver	biliary preductular cell hyperplasia		
20052 A.2-3-23	543	20052 A.2-3-23	3	1	Heart	endocardial		eosinophilia
20052 A.2-3-23	543	20052 A.2-3-23	4	3	spleen	peritonitis		granulomatous
20052 A.2-3-24	1507	20052 A.2-3-24	6	5	spleen	peritonitis		
20052 A.2-3-24	1507	20052 A.2-3-24	4	1	heart	endocarditis		lymphohistiocytic
20052 A.2-3-24	1507	20052 A.2-3-24	2	4	liver	basophilic cytoplasm		
20052 A.2-3-24	1507	20052 A.2-3-24	1	3	liver	lipidosis		
20052 A.2-3-24	1507	20052 A.2-3-24	5	1	Heart	thrombosis		
20052 A.2-3-24	1507	20052 A.2-3-24	3	1	Heart	epicarditis		granulomatous
20052 A.2-3-24	1507	20052 A.2-3-24	8	1	kidney	tubular intracytoplasmic protein droplets		
20052 A.2-3-24	1507	20052 A.2-3-24	7	1	kidney	peritonitis		granulomatous
20052 A.2-3-25	520	20052 A.2-3-25	8	1	kidney	interstitial hemorrhage		diffuse
20052 A.2-3-25	520	20052 A.2-3-25	7	1	Heart	thrombosis		
20052 A.2-3-25	520	20052 A.2-3-25	6	1	Heart	epicarditis		
20052 A.2-3-25	520	20052 A.2-3-25	5	1	Heart	myocardial karyomegaly		
20052 A.2-3-25	520	20052 A.2-3-25	4	1	liver	vasculature		vasculitis
20052 A.2-3-25	520	20052 A.2-3-25	3	3	liver	lipidosis		
20052 A.2-3-25	520	20052 A.2-3-25	2	1	liver	pericholangitis		
20052 A.2-3-25	520	20052 A.2-3-25	1	2	Liver	biliary preductular cell hyperplasia		
20052 A.2-3-25	520	20052 A.2-3-25	9	1	kidney	hematopoietic		atrophy
20052 A.2-3-25	520	20052 A.2-3-25	11	1	kidney	glomerular nephritis		
20052 A.2-3-25	520	20052 A.2-3-25	12	1	spleen	parenchyma		golden pigment
20052 A.2-3-25	520	20052 A.2-3-25	13	3	spleen	peritonitis		
20052 A.2-3-26	527	20052 A.2-3-26	10	1	Kidney	tubular necrosis		
20052 A.2-3-26	527	20052 A.2-3-26	4	1	liver	pericholangitis		
20052 A.2-3-26	527	20052 A.2-3-26	10	1	kidney	interstitial nephritis		granulomatous
20052 A.2-3-26	527	20052 A.2-3-26	8	3	spleen	peritonitis		
20052 A.2-3-26	527	20052 A.2-3-26	7	1	Heart	myocardial karyomegaly		
20052 A.2-3-26	527	20052 A.2-3-26	5	2	Heart	endocarditis		
20052 A.2-3-26	527	20052 A.2-3-26	3	2	liver	lipidosis		fibrin deposition
20052 A.2-3-26	527	20052 A.2-3-26	2	1	liver	sinusoids		
20052 A.2-3-26	527	20052 A.2-3-26	1	2	Liver	biliary preductular cell hyperplasia		
20052 A.2-3-26	527	20052 A.2-3-26	9	1	kidney	hyperplasia of interstitial tissue		
20052 A.2-3-26	527	20052 A.2-3-26	6	3	Heart	epicarditis		
20052 A.2-4-28	144	20052 A.2-4-28	3	3	liver	hepatitis		granulomatous
20052 A.2-4-28	144	20052 A.2-4-28	10	1	spleen	splenitis		granulomatous
20052 A.2-4-28	144	20052 A.2-4-28	1	1	Liver	biliary preductular cell hyperplasia		
20052 A.2-4-28	144	20052 A.2-4-28	2	1	liver	lipidosis		
20052 A.2-4-28	144	20052 A.2-4-28	4	1	liver	necrosis		focal
20052 A.2-4-28	144	20052 A.2-4-28	5	1	liver	basophilic cytoplasm		
20052 A.2-4-28	144	20052 A.2-4-28	6	2	Heart	myocardial karyomegaly		
20052 A.2-4-28	144	20052 A.2-4-28	7	1	Heart	thrombosis		
20052 A.2-4-28	144	20052 A.2-4-28	8	2	kidney	hyperplasia of interstitial tissue		
20052 A.2-4-28	144	20052 A.2-4-28	9	1	spleen	lymphoid karyomegaly		
20052 A.2-3-31	304	20052 A.2-3-31	8	1	kidney	eosinophilic granular cells		
20052 A.2-3-31	304	20052 A.2-3-31	1	2	liver	lipidosis		
20052 A.2-3-31	304	20052 A.2-3-31	2	4	Heart	myocardial karyomegaly		
20052 A.2-3-31	304	20052 A.2-3-31	3	3	Liver	biliary preductular cell hyperplasia		
20052 A.2-3-31	304	20052 A.2-3-31	4	1	Liver	parenchyma		golden pigment
20052 A.2-3-31	304	20052 A.2-3-31	5	1	liver capsule	peritonitis		
20052 A.2-3-31	304	20052 A.2-3-31	6	1	Heart	epicarditis		
20052 A.2-3-31	304	20052 A.2-3-31	7	3	spleen	peritonitis		
20052 A.2-3-33	306	20052 A.2-3-33	8	1	Heart	myocardial karyomegaly		
20052 A.2-3-33	306	20052 A.2-3-33	7	2	Heart	endocarditis		
20052 A.2-3-33	306	20052 A.2-3-33	6	1	Heart	epicarditis		
20052 A.2-3-33	306	20052 A.2-3-33	5	1	liver	necrosis		focal
20052 A.2-3-33	306	20052 A.2-3-33	4	2	liver	pericholangitis		
20052 A.2-3-33	306	20052 A.2-3-33	3	1	Liver	biliary preductular cell hyperplasia		
20052 A.2-3-33	306	20052 A.2-3-33	2	2	Liver	hepatitis		
20052 A.2-3-33	306	20052 A.2-3-33	1	3	liver	lipidosis		
20052 A.2-3-33	306	20052 A.2-3-33	9	1	kidney	nephritis		granulomatous
20052 A.2-3-34	1401	20052 A.2-3-34	6	6	Heart	myocardial karyomegaly		
20052 A.2-3-34	1401	20052 A.2-3-34	11	1	kidney	nephritis		granulomatous
20052 A.2-3-34	1401	20052 A.2-3-34	10	1	spleen	parenchyma		golden pigment
20052 A.2-3-34	1401	20052 A.2-3-34	9	5	spleen	peritonitis		
20052 A.2-3-34	1401	20052 A.2-3-34	7	3	heart	endocarditis		
20052 A.2-3-34	1401	20052 A.2-3-34	4	3	liver	pericholangitis		
20052 A.2-3-34	1401	20052 A.2-3-34	3	1	liver	necrosis		multifocal
20052 A.2-3-34	1401	20052 A.2-3-34	2	6	liver	lipidosis		
20052 A.2-3-34	1401	20052 A.2-3-34	1	5	Liver	biliary preductular cell hyperplasia		
20052 A.2-3-34	1401	20052 A.2-3-34	5	3	Heart	thrombosis		
20052 A.2-3-35	78	20052 A.2-3-35	8	1	Heart	epicarditis		
20052 A.2-3-35	78	20052 A.2-3-35	4	3	liver	lipidosis		
20052 A.2-3-35	78	20052 A.2-3-35	13	1	kidney	interstitial nephritis		granulomatous
20052 A.2-3-35	78	20052 A.2-3-35	12	2	kidney	tubal dilation		

20052 A.3.3-38	136	20052A.3.3-38	11	2	Kidney	tubular necrosis			
20052 A.3.3-38	136	20052A.3.3-38	7	1	Heart	epicarditis	lymphohistiocytic		
20052 A.3.3-38	136	20052A.3.3-38	3	1	liver	pericholangitis			
20052 A.3.3-38	136	20052A.3.3-38	2	5	liver	basophilic cytoplasm			
20052 A.3.3-38	136	20052A.3.3-38	1	2	liver	hepatitis	granulomatous		
20052 A.3.3-38	136	20052A.3.3-38	6	2	Heart	endocarditis	granulomatous		
20052 A.3.3-38	136	20052A.3.3-38	5	2	Heart	epicarditis	granulomatous		
20052 A.3.3-39	143	20052A.3.3-39	6	7	spleen	peritonitis			
20052 A.3.3-39	143	20052A.3.3-39	10	1	Heart	endocardial	eosinophilia		
20052 A.3.3-39	143	20052A.3.3-39	9	1	Heart	epicarditis			
20052 A.3.3-39	143	20052A.3.3-39	7	1	spleen	splenitis	granulomatous		
20052 A.3.3-39	143	20052A.3.3-39	5	1	liver	lipidosis			
20052 A.3.3-39	143	20052A.3.3-39	4	1	liver	serositis/peritonitis	granulomatous		
20052 A.3.3-39	143	20052A.3.3-39	3	1	Liver	hepatitis			
20052 A.3.3-39	143	20052A.3.3-39	2	5	Liver	biliary preductular cell hyperplasia			
20052 A.3.3-39	143	20052A.3.3-39	1	3	liver	basophilic cytoplasm			
20052 A.3.3-39	143	20052A.3.3-39	8	5	heart	endocarditis			
20052 A.3.3-41	820	20052A.3.3-41	7	6	spleen	peritonitis			
20052 A.3.3-41	820	20052A.3.3-41	1	6	Liver	biliary preductular cell hyperplasia			
20052 A.3.3-41	820	20052A.3.3-41	10	1	Pentoneum	peritonitis			
20052 A.3.3-41	820	20052A.3.3-41	8	1	spleen	parenchyma	golden pigment		
20052 A.3.3-41	820	20052A.3.3-41	6	2	Heart	myocardial karyomegaly			
20052 A.3.3-41	820	20052A.3.3-41	5	2	heart	endocarditis	lymphohistiocytic		
20052 A.3.3-41	820	20052A.3.3-41	4	3	Heart	epicarditis	lymphohistiocytic		
20052 A.3.3-41	820	20052A.3.3-41	3	1	liver	pericholangitis			
20052 A.3.3-41	820	20052A.3.3-41	2	7	liver	lipidosis			
20052 A.3.3-41	820	20052A.3.3-41	9	1	adipose tissue	vascular congestion			
20052 A.3.3-42	141	20052A.3.3-42	1	2	Liver	biliary preductular cell hyperplasia			
20052 A.3.3-42	141	20052A.3.3-42	8	1	Heart	epicarditis	granulomatous		
20052 A.3.3-42	141	20052A.3.3-42	12	1	spleen	parenchyma	golden pigment		
20052 A.3.3-42	141	20052A.3.3-42	11	1	spleen	splenitis	granulomatous		
20052 A.3.3-42	141	20052A.3.3-42	10	2	spleen	peritonitis			
20052 A.3.3-42	141	20052A.3.3-42	9	1	heart	endocarditis	granulomatous		
20052 A.3.3-42	141	20052A.3.3-42	7	1	Heart	myocardial karyomegaly			
20052 A.3.3-42	141	20052A.3.3-42	6	1	Heart	epicarditis	lymphohistiocytic		
20052 A.3.3-42	141	20052A.3.3-42	5	1	liver	basophilic cytoplasm			
20052 A.3.3-42	141	20052A.3.3-42	4	1	liver	serositis/peritonitis	granulomatous		
20052 A.3.3-42	141	20052A.3.3-42	2	3	liver	lipidosis			
20052 A.3.3-42	141	20052A.3.3-42	14	1	Kidney	interstitial nephritis			
20052 A.3.3-42	141	20052A.3.3-42	3	1	liver	hepatitis	granulomatous		
20052 A.3.3-42	141	20052A.3.3-42	13	1	kidney	eosinophilic granular cells			
20052 A.3.3-43	819	20052A.3.3-43	10	2	spleen	splenitis	granulomatous		
20052 A.3.3-43	819	20052A.3.3-43	14	1	kidney	perivascular neutrophils			
20052 A.3.3-43	819	20052A.3.3-43	13	1	Kidney	tubular necrosis			
20052 A.3.3-43	819	20052A.3.3-43	11	3	liver	necrosis	multifocal		
20052 A.3.3-43	819	20052A.3.3-43	11	5	spleen	peritonitis			
20052 A.3.3-43	819	20052A.3.3-43	9	1	heart	endocarditis			
20052 A.3.3-43	819	20052A.3.3-43	8	3	heart	endocarditis	granulomatous		
20052 A.3.3-43	819	20052A.3.3-43	7	2	Heart	epicarditis	lymphohistiocytic		
20052 A.3.3-43	819	20052A.3.3-43	6	2	Heart	epicarditis	granulomatous		
20052 A.3.3-43	819	20052A.3.3-43	5	2	liver	lipidosis			
20052 A.3.3-43	819	20052A.3.3-43	4	3	liver	pericholangitis			
20052 A.3.3-43	819	20052A.3.3-43	3	7	liver	basophilic cytoplasm			
20052 A.3.3-43	819	20052A.3.3-43	2	3	liver	hepatitis	granulomatous		
20052 A.3.3-43	819	20052A.3.3-43	12	4	kidney	interstitial nephritis	granulomatous		
20052 A.3.4-44	1288	20052A.3.4-44	4	1	Heart	epicarditis			
20052 A.3.4-44	1288	20052A.3.4-44	1	1	liver	pericholangitis			
20052 A.3.4-44	1288	20052A.3.4-44	2	2	Liver	biliary preductular cell hyperplasia			
20052 A.3.4-44	1288	20052A.3.4-44	3	1	liver	lipidosis			
20052 A.3.4-44	1288	20052A.3.4-44	5	1	heart	endocarditis			
20052 A.3.4-44	1288	20052A.3.4-44	7	1	heart	iron pigments			
20052 A.3.4-44	1288	20052A.3.4-44	8	1	spleen	parenchyma	golden pigment		
20052 A.3.4-44	1288	20052A.3.4-44	9	2	spleen	peritonitis			
20052 A.3.4-44	1288	20052A.3.4-44	6	1	Heart	myocardial karyomegaly			
20052 A.3.4-45	1293	20052A.3.4-45	2	1	Heart	thrombosis			
20052 A.3.4-45	1293	20052A.3.4-45	1	5	spleen	parenchyma	golden pigment		
20052 A.3.4-45	1293	20052A.3.4-45	1	2	liver	lipidosis			
20052 P.2-9	1419	20052P.2-9	3	1	liver	sinusoids	fibrin deposition		
20052 P.2-9	1419	20052P.2-9	2	2	spleen	intravascular			
20052 P.2-9	1419	20052P.2-9	4	1	liver	pericholangitis	xenoma		loma
20052 P.2-9	1419	20052P.2-9	5	2	heart	intravascular	xenoma		loma
20052 P.2-9	1419	20052P.2-9	6	1	heart	endocarditis	granulomatous		
20052 P.2-9	1419	20052P.2-9	7	1	Heart	epicarditis	granulomatous		
20052 P.2-9	1419	20052P.2-9	9	1	spleen	splenitis	granulomatous		
20052 P.2-9	1419	20052P.2-9	11	1	kidney	tubular mineralization			
20052 P.2-9	1419	20052P.2-9	12	1	kidney	interstitial nephritis	granulomatous		
20052 P.2-9	1419	20052P.2-9	13	1	kidney	glomerular nephritis			
20052 P.2-9	1419	20052P.2-9	14	1	Kidney	tubular necrosis			
20052 P.2-9	1419	20052P.2-9	1	3	liver	lipidosis			
20052 P.2-9	1419	20052P.2-9	10	1	kidney	intravascular	xenoma		loma
20052 P.3-11	1698	20052P.3-11	6	1	Liver	biliary preductular cell hyperplasia			
20052 P.3-11	1698	20052P.3-11	13	1	kidney	glomerular nephritis			
20052 P.3-11	1698	20052P.3-11	12	7	kidney	hyperplasia of interstitial tissue			
20052 P.3-11	1698	20052P.3-11	11	1	spleen	leukocytic karyorrhexis			
20052 P.3-11	1698	20052P.3-11	10	4	spleen	peritonitis			
20052 P.3-11	1698	20052P.3-11	9	10	spleen	parenchyma	golden pigment		
20052 P.3-11	1698	20052P.3-11	7	3	liver	necrosis	multifocal		
20052 P.3-11	1698	20052P.3-11	5	1	liver	pericholangitis			
20052 P.3-11	1698	20052P.3-11	4	2	peritonitis				
20052 P.3-11	1698	20052P.3-11	3	2	liver	sinusoids	fibrin deposition		
20052 P.3-11	1698	20052P.3-11	2	1	liver	basophilic cytoplasm			
20052 P.3-11	1698	20052P.3-11	1	6	liver	lipidosis			
20052 P.3-11	1698	20052P.3-11	8	1	heart	endocarditis			
20052 P.3-12	547	20052P.3-12	1	3	liver	lipidosis			
20052 P.3-12	547	20052P.3-12	7	1	kidney	tubular intracytoplasmic protein droplets			
20052 P.3-12	547	20052P.3-12	6	1	kidney	tubal dilation			
20052 P.3-12	547	20052P.3-12	5	1	kidney	glomerular nephritis			
20052 P.3-12	547	20052P.3-12	4	1	kidney	hematopoietic	atrophy		
20052 P.3-12	547	20052P.3-12	3	2	kidney	hyperplasia of interstitial tissue			
20052 P.3-12	547	20052P.3-12	2	1	Liver	erythropoiesis			
20052 P.3-13	378	20052P.3-13	2	1	kidney	tubular mineralization			
20052 P.3-13	378	20052P.3-13	1	1	liver	lipidosis			
20052 P.3-14	1697	20052P.3-14	14	2	kidney	interstitial nephritis	granulomatous		
20052 P.3-14	1697	20052P.3-14	4	1	liver	thrombus			
20052 P.3-14	1697	20052P.3-14	15	1	kidney	tubular intracytoplasmic protein droplets			
20052 P.3-14	1697	20052P.3-14	13	6	kidney	hyperplasia of interstitial tissue			
20052 P.3-14	1697	20052P.3-14	12	4	spleen	peritonitis	golden pigment		
20052 P.3-14	1697	20052P.3-14	11	6	spleen	parenchyma			
20052 P.3-14	1697	20052P.3-14	10	5	Heart	epicarditis			
20052 P.3-14	1697	20052P.3-14	9	4	heart	endocarditis			
20052 P.3-14	1697	20052P.3-14	7	1	liver	sinusoids	congestion/hyperemia		
20052 P.3-14	1697	20052P.3-14	6	1	liver capsule	peritonitis			
20052 P.3-14	1697	20052P.3-14	5	1	Liver	biliary preductular cell hyperplasia			
20052 P.3-14	1697	20052P.3-14	1	1	liver	hepatitis	perivascular		lymphocytic
20052 P.3-14	1697	20052P.3-14	3	4	liver	hepatitis			
20052 P.3-14	1697	20052P.3-14	2	4	liver	lipidosis			
20052 P.3-14	1697	20052P.3-14	16	4	kidney	glomerular nephritis			
20052 P.3-14	1697	20052P.3-14	8	1	liver	pericholangitis			
20053 A.2.3-47	543	20053A.2.3-47	3	1	liver	pericholangitis			
20053 A.2.3-47	543	20053A.2.3-47	7	1	kidney	tubular intracytoplasmic protein droplets			
20053 A.2.3-47	543	20053A.2.3-47	6	5	spleen	peritonitis	granulomatous		
20053 A.2.3-47	543	20053A.2.3-47	4	1	Liver	biliary preductular cell hyperplasia			
20053 A.2.3-47	543	20053A.2.3-47	2	1	liver	basophilic cytoplasm			
20053 A.2.3-47	543	20053A.2.3-47	1	1	liver	lipidosis			
20053 A.2.3-47	543	20053A.2.3-47	5	1	Heart	epicarditis			
20053 A.2.3-48	227	20053A.2.3-48	1	2	liver	necrosis	multifocal		
20053 A.2.3-48	227	20053A.2.3-48	2	1	liver	lipidosis			
20053 A.2.3-48	227	20053A.2.3-48	3	1	Heart	myocardial karyomegaly			
20053 A.2.3-48	227	20053A.2.3-48	4	3	Heart	epicarditis			
20053 A.2.3-48	227	20053A.2.3-48	5	1	heart	endocarditis			
20053 A.2.3-48	227	20053A.2.3-48	6	4	spleen	peritonitis	granulomatous		
20053 A.2.3-48	227	20053A.2.3-48	7	1	kidney	tubular intracytoplasmic protein droplets			
20053 A.2.3-50	1148	20053A.2.3-50	2	1	liver capsule	peritonitis			
20053 A.2.3-50	1148	20053A.2.3-50	1	1	Liver	parenchyma	golden pigment		
20053 A.2.3-50	1148	20053A.2.3-50	3	3	liver	lipidosis			
20053 A.2.3-50	1148	20053A.2.3-50	4	1	liver	sinusoids	congestion/hyperemia		
20053 A.2.3-50	1148	20053A.2.3-50	5	1	liver	necrosis	multifocal		
20053 A.2.3-50	1148	20053A.2.3-50	6	1	Heart	myocardial karyomegaly			
20053 A.2.3-50	1148	20053A.2.3-50	7	1	Heart	epicarditis			
20053 A.2.3-50	1148	200							

20053 A.3.2-57	769	20053A.3.2-57	11	1	liver	necrosis		multifocal	
20053 A.3.2-59	76	20053A.3.2-59	111	1	kidney	interstitial nephritis		granulomatous	
20053 A.3.2-59	76	20053A.3.2-59	10	1	kidney	tubular intracytoplasmic protein droplets			
20053 A.3.2-59	76	20053A.3.2-59	9	1	heart	endocarditis			
20053 A.3.2-59	76	20053A.3.2-59	8	1	Heart	epicarditis			
20053 A.3.2-59	76	20053A.3.2-59	7	1	Heart	myocardial karyomegaly			
20053 A.3.2-59	76	20053A.3.2-59	6	6	spleen	peritonitis			
20053 A.3.2-59	76	20053A.3.2-59	5	1	liver	pericholangitis			
20053 A.3.2-59	76	20053A.3.2-59	4	1	liver	hepatitis		granulomatous	
20053 A.3.2-59	76	20053A.3.2-59	3	2	liver	sinusoids		congestion/hyperemia	
20053 A.3.2-59	76	20053A.3.2-59	2	3	liver	basophilic cytoplasm			
20053 A.3.2-59	76	20053A.3.2-59	1	6	liver	lipidosis			
20053 A.3.2-60	1136	20053A.3.2-60	2	3	spleen	peritonitis			
20053 A.3.2-60	1136	20053A.3.2-60	3	2	kidney	tubular intracytoplasmic protein droplets			
20053 A.3.2-60	1136	20053A.3.2-60	1	2	liver	congestion			
20053 A.3.3-62	819	20053A.3.3-62	12	2	spleen	splenitis		granulomatous	
20053 A.3.3-62	819	20053A.3.3-62	4	2	liver	lipidosis			
20053 A.3.3-62	819	20053A.3.3-62	5	2	liver	hepatitis		granulomatous	
20053 A.3.3-62	819	20053A.3.3-62	6	3	liver	basophilic cytoplasm			
20053 A.3.3-62	819	20053A.3.3-62	7	1	liver	abscess			
20053 A.3.3-62	819	20053A.3.3-62	8	4	heart	endocarditis			
20053 A.3.3-62	819	20053A.3.3-62	9	2	Heart	epicarditis			
20053 A.3.3-62	819	20053A.3.3-62	2	3	liver	necrosis		multifocal	
20053 A.3.3-62	819	20053A.3.3-62	11	1	spleen	peritonitis			
20053 A.3.3-62	819	20053A.3.3-62	1	1	liver	macrophage aggregates		yellow pigment	
20053 A.3.3-62	819	20053A.3.3-62	13	3	kidney	interstitial nephritis		granulomatous	
20053 A.3.3-62	819	20053A.3.3-62	14	1	Kidney	tubular necrosis			
20053 A.3.3-62	819	20053A.3.3-62	15	4	kidney	tubular intracytoplasmic protein droplets			
20053 A.3.3-62	819	20053A.3.3-62	16	1	Kidney	peritubular fibrosis			
20053 A.3.3-62	819	20053A.3.3-62	17	2	kidney	eosinophilic granular cells			
20053 A.3.3-62	819	20053A.3.3-62	18	2	kidney	hyperplasia of interstitial tissue			
20053 A.3.3-62	819	20053A.3.3-62	19	2	kidney	tubular mineralization			
20053 A.3.3-62	819	20053A.3.3-62	10	2	Heart	myocardial karyomegaly			
20053 A.3.3-62	819	20053A.3.3-62	3	2	Liver	biliary preductular cell hyperplasia			
20053 A.3.3-63	820	20053A.3.3-63	2	1	liver	sinusoids		congestion/hyperemia	
20053 A.3.3-63	820	20053A.3.3-63	3	1	liver	necrosis		multifocal	
20053 A.3.3-63	820	20053A.3.3-63	4	2	Heart	myocardial karyomegaly			
20053 A.3.3-63	820	20053A.3.3-63	5	1	spleen	peritonitis			
20053 A.3.3-63	820	20053A.3.3-63	1	5	liver	lipidosis			
20053 A.3.3-65	728	20053A.3.3-65	5	3	liver	lipidosis			
20053 A.3.3-65	728	20053A.3.3-65	1	6	liver	macrophage aggregates		yellow brown pigment	
20053 A.3.3-65	728	20053A.3.3-65	7	1	Heart	epicarditis			
20053 A.3.3-65	728	20053A.3.3-65	6	6	Heart	myocardial karyomegaly			
20053 A.3.3-65	728	20053A.3.3-65	4	1	liver	hepatitis		granulomatous	
20053 A.3.3-65	728	20053A.3.3-65	2	7	Liver	biliary preductular cell hyperplasia			
20053 A.3.3-65	728	20053A.3.3-65	3	2	liver	necrosis		multifocal	
20053 A.3.3-65	728	20053A.3.3-65	8	1	spleen	epionitis		granulomatous	
20053 A.3.3-66	1144	20053A.3.3-66	1	4	Liver	biliary preductular cell hyperplasia			
20053 A.3.3-66	1144	20053A.3.3-66	2	3	liver	lipidosis			
20053 A.3.3-66	1144	20053A.3.3-66	3	2	liver	hepatitis		granulomatous	
20053 A.3.3-66	1144	20053A.3.3-66	4	1	liver	pericholangitis			
20053 A.3.3-66	1144	20053A.3.3-66	5	1	Heart	myocardial karyomegaly			
20053 A.3.3-66	1144	20053A.3.3-66	6	1	Heart	endocarditis			
20053 A.3.3-66	1144	20053A.3.3-66	7	3	spleen	parenchyma		golden pigment	
20053 A.3.3-66	1144	20053A.3.3-66	8	4	spleen	peritonitis			
20053 A.3.3-66	1144	20053A.3.3-66	10	2	kidney	granuloma			
20053 A.3.3-66	1144	20053A.3.3-66	11	1	Heart	thrombosis			
20053 A.3.3-66	1144	20053A.3.3-66	12	1	heart	endothelial cell hypertrophy			
20053 A.3.4-67	1293	20053A.3.4-67	1	4	liver	lipidosis			
20053 A.3.4-67	1293	20053A.3.4-67	2	2	liver	pericholangitis			
20053 A.3.4-67	1293	20053A.3.4-67	3	1	liver	necrosis		multifocal	
20053 A.3.4-67	1293	20053A.3.4-67	4	1	liver	basophilic cytoplasm			
20053 A.3.4-67	1293	20053A.3.4-67	5	2	Heart	myocardial karyomegaly			
20053 A.3.4-67	1293	20053A.3.4-67	6	1	heart	endocarditis			
20053 A.3.4-67	1293	20053A.3.4-67	7	1	Heart	epicarditis			
20053 A.3.4-67	1293	20053A.3.4-67	8	3	spleen	peritonitis			
20053 A.3.4-67	1293	20053A.3.4-67	9	2	kidney	interstitial nephritis		granulomatous	
20053 A.3.4-68	1336	20053A.3.4-68	4	1	liver	pericholangitis			
20053 A.3.4-68	1336	20053A.3.4-68	6	1	kidney	hyperplasia of interstitial tissue			
20053 A.3.4-68	1336	20053A.3.4-68	7	1	spleen	peritonitis		granulomatous	
20053 A.3.4-68	1336	20053A.3.4-68	3	2	Heart	epicarditis			
20053 A.3.4-68	1336	20053A.3.4-68	2	6	Liver	biliary preductular cell hyperplasia			
20053 A.3.4-68	1336	20053A.3.4-68	1	7	liver	lipidosis			
20053 A.3.4-68	1336	20053A.3.4-68	5	1	liver	sinusoids		congestion/hyperemia	
20053 A.3.4-68	1336	20053A.3.4-68	6	1	heart	endocarditis			
20053 A.3.4-69	1288	20053A.3.4-69	4	1	spleen	peritonitis			
20053 A.3.4-69	1288	20053A.3.4-69	1	1	liver	sinusoids		congestion/hyperemia	
20053 A.3.4-69	1288	20053A.3.4-69	2	1	liver	necrosis			
20053 A.3.4-69	1288	20053A.3.4-69	3	1	heart	endothelial cell hypertrophy		multifocal	
20053 P.2-15	1419	20053P.2-15	10	1	kidney	hyperplasia of interstitial tissue			
20053 P.2-15	1419	20053P.2-15	7	1	kidney	tubular intracytoplasmic protein droplets			
20053 P.2-15	1419	20053P.2-15	2	2	Liver	hepatitis			
20053 P.2-15	1419	20053P.2-15	3	2	Spleen	xenoma			
20053 P.2-15	1419	20053P.2-15	4	2	Spleen	xenoma			
20053 P.2-15	1419	20053P.2-15	6	1	heart	endocarditis			
20053 P.2-15	1419	20053P.2-15	8	1	kidney	glomerular nephritis			
20053 P.2-15	1419	20053P.2-15	9	1	kidney	tubular mineralization			
20053 P.2-15	1419	20053P.2-15	1	1	liver	lipidosis			
20053 P.2-15	1419	20053P.2-15	5	1	Heart	thrombosis			
20053 P.2-15	1419	20053P.2-15	11	3	gills	branchitis			
20053 P.3-16	378	20053P.3-16	6	2	Heart	thrombosis			
20053 P.3-16	378	20053P.3-16	10	1	kidney	tubular mineralization			
20053 P.3-16	378	20053P.3-16	1	1	Liver	hepatitis			
20053 P.3-16	378	20053P.3-16	8	1	kidney	hyperplasia of interstitial tissue			
20053 P.3-16	378	20053P.3-16	7	1	spleen	peritonitis			
20053 P.3-16	378	20053P.3-16	5	1	heart	endocarditis			
20053 P.3-16	378	20053P.3-16	11	1	Kidney	tubular necrosis			
20053 P.3-16	378	20053P.3-16	4	1	Heart	epicarditis			
20053 P.3-16	378	20053P.3-16	3	1	liver	sinusoids		fibrin deposition	
20053 P.3-16	378	20053P.3-16	2	3	liver	lipidosis			
20053 P.3-16	378	20053P.3-16	9	1	kidney	interstitial nephritis		granulomatous	
20053 P.3-17	547	20053P.3-17	9	1	gill	lamellae		telangiectasis	
20053 P.3-17	547	20053P.3-17	10	2	gill vasculature	xenoma		parasitic	
20053 P.3-17	547	20053P.3-17	5	2	Spleen	xenoma			
20053 P.3-17	547	20053P.3-17	11	1	gills	branchitis			
20053 P.3-17	547	20053P.3-17	2	2	liver	pericholangitis			
20053 P.3-17	547	20053P.3-17	3	1	Heart	xenoma			
20053 P.3-17	547	20053P.3-17	7	1	kidney	tubular intracytoplasmic protein droplets			
20053 P.3-17	547	20053P.3-17	6	4	kidney	hyperplasia of interstitial tissue			
20053 P.3-17	547	20053P.3-17	4	5	spleen	parenchyma		golden pigment	
20053 P.3-17	547	20053P.3-17	1	1	liver	lipidosis			
20053 P.3-17	547	20053P.3-17	8	1	kidney	tubal dilation			
20053 P.3-18	248	20053P.3-18	6	2	spleen	lymphoid karyorrhexis			
20053 P.3-18	248	20053P.3-18	1	4	Liver	hepatitis			
20053 P.3-18	248	20053P.3-18	2	5	liver	lipidosis			
20053 P.3-18	248	20053P.3-18	3	3	Heart	epicarditis			
20053 P.3-18	248	20053P.3-18	5	1	Heart	myocardial karyomegaly			
20053 P.3-18	248	20053P.3-18	8	2	Spleen	xenoma			
20053 P.3-18	248	20053P.3-18	10	5	kidney	glomerular nephritis			
20053 P.3-18	248	20053P.3-18	11	4	kidney	tubular intracytoplasmic protein droplets			
20053 P.3-18	248	20053P.3-18	7	2	spleen	parenchyma		golden pigment	
20053 P.3-18	248	20053P.3-18	12	3	gill vasculature	xenoma		parasitic	
20053 P.3-18	248	20053P.3-18	4	3	heart	endocarditis			
20053 P.3-18	248	20053P.3-18	9	1	kidney	hyperplasia of interstitial tissue			
20053 P.3-19	1698	20053P.3-19	7	1	kidney	glomerular nephritis			
20053 P.3-19	1698	20053P.3-19	1	1	liver	lipidosis			
20053 P.3-19	1698	20053P.3-19	2	1	Liver	hepatitis			
20053 P.3-19	1698	20053P.3-19	3	1	Heart	epicarditis			
20053 P.3-19	1698	20053P.3-19	4	2	spleen	parenchyma		golden pigment	
20053 P.3-19	1698	20053P.3-19	5	1	spleen	peritonitis			
20053 P.3-19	1698	20053P.3-19	6	1	kidney	hyperplasia of interstitial tissue			
20053 P.3-20	1697	20053P.3-20	2	1	Liver	hepatitis			
20053 P.3-20	1697	20053P.3-20	3	1	liver	perivascular hematopoiesis			
20053 P.3-20	1697	20053P.3-20	4	1	kidney	tubular mineralization			
20053 P.3-20	1697	20053P.3-20	5	1	kidney	glomerular nephritis			
20053 P.3-20	1697	20053P.3-20	6	1	spleen	parenchyma		golden pigment	
20053 P.3-20	1697	20053P.3-20	11	2	liver	lipidosis			
20054 A.2.3-71	314	20054A.2.3-71	5	2	liver	lipidosis			
20054 A.2.3-71	314	20054A.2.3-71	8	1	spleen	endothelial hypertrophy			
20054 A.2.3-71	314	20054A.2.3-71	12	1	kidney	peritonitis			
20054 A.2.3-71	314	20054A.2.3-71	1						

2005A_3.2-76	1705	2005A_3.2-76	1	1	Liver	necrosis	
2005A_3.2-76	1705	2005A_3.2-76	6	2	Liver	pancrethyma	multifocal
2005A_3.2-76	1705	2005A_3.2-76	5	1	Liver capsule	peritonitis	golden pigment
2005A_3.2-78	304	2005A_3.2-78	3	2	Liver	lipidosis	
2005A_3.2-78	304	2005A_3.2-78	12	1	Kidney	interstitial nephritis	granulomatous
2005A_3.2-78	304	2005A_3.2-78	11	1	Kidney	tubular casts	
2005A_3.2-78	304	2005A_3.2-78	9	1	Kidney	eosinophilic granular cells	
2005A_3.2-78	304	2005A_3.2-78	9	1	Kidney	tubular necrosis	
2005A_3.2-78	304	2005A_3.2-78	8	1	Spleen	peritonitis	
2005A_3.2-78	304	2005A_3.2-78	4	1	Heart	myocardial karyomegaly	
2005A_3.2-78	304	2005A_3.2-78	2	8	Liver	biliary preductal cell hyperplasia	
2005A_3.2-78	304	2005A_3.2-78	1	8	Liver	macrophage aggregates	yellow brown pigment
2005A_3.2-78	304	2005A_3.2-78	5	1	Liver	penicillanitis	
2005A_3.2-78	304	2005A_3.2-78	1	1	Liver	parenchyma	congestion/hyperemia
2005A_3.2-78	304	2005A_3.2-78	7	6	Spleen	peritonitis	golden pigment
2005A_3.2-80	1401	2005A_3.2-80	2	4	Liver	biliary preductal cell hyperplasia	
2005A_3.2-80	1401	2005A_3.2-80	3	1	Liver	splenitis	congestion/hyperemia
2005A_3.2-80	1401	2005A_3.2-80	3	3	Heart	myocardial karyomegaly	
2005A_3.2-80	1401	2005A_3.2-80	5	4	Spleen	parenchyma	golden pigment
2005A_3.2-80	1401	2005A_3.2-80	2	2	Spleen	peritonitis	
2005A_3.2-80	1401	2005A_3.2-80	7	1	Kidney	tubular necrosis	
2005A_3.2-80	1401	2005A_3.2-80	8	0	Kidney	eosinophilic granular cells	
2005A_3.2-80	1401	2005A_3.2-80	1	4	Liver	lipidosis	
2005A_3.2-82	100	2005A_3.2-82	1	1	Liver	biliary preductal cell hyperplasia	
2005A_3.2-82	100	2005A_3.2-82	8	3	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.2-82	100	2005A_3.2-82	7	4	Spleen	peritonitis	
2005A_3.2-82	100	2005A_3.2-82	5	1	Heart	endocarditis	
2005A_3.2-82	100	2005A_3.2-82	6	1	Heart	thrombosis	
2005A_3.2-82	100	2005A_3.2-82	4	1	Liver	sinusoids	congestion/hyperemia
2005A_3.2-82	100	2005A_3.2-82	2	2	Liver	lipidosis	
2005A_3.2-82	100	2005A_3.2-82	3	1	Liver	necrosis	
2005A_3.2-83	769	2005A_3.2-83	5	1	Heart	epicarditis	
2005A_3.2-83	769	2005A_3.2-83	1	1	Liver	lipidosis	
2005A_3.2-83	769	2005A_3.2-83	2	1	Liver	macrophage aggregates	yellow brown pigment
2005A_3.2-83	769	2005A_3.2-83	3	1	Liver	basophilic cytoplasm	
2005A_3.2-83	769	2005A_3.2-83	6	3	Spleen	peritonitis	
2005A_3.2-83	769	2005A_3.2-83	7	2	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.2-83	769	2005A_3.2-83	4	1	Heart	myocardial karyomegaly	
2005A_3.3-85	465	2005A_3.3-85	1	1	Liver	macrophage aggregates	yellow brown pigment
2005A_3.3-85	465	2005A_3.3-85	2	1	Liver	basophilic cytoplasm	
2005A_3.3-85	465	2005A_3.3-85	2	1	Heart	epicarditis	
2005A_3.3-85	465	2005A_3.3-85	5	2	Heart	myocardial karyomegaly	
2005A_3.3-85	465	2005A_3.3-85	1	1	Heart	endocarditis	
2005A_3.3-85	465	2005A_3.3-85	7	3	Spleen	peritonitis	
2005A_3.3-85	465	2005A_3.3-85	8	1	Kidney	hyperplasia of interstitial tissue	
2005A_3.3-85	465	2005A_3.3-85	9	1	Kidney	eosinophilic granular cells	
2005A_3.3-85	465	2005A_3.3-85	3	3	Liver	lipidosis	
2005A_3.3-86	819	2005A_3.3-86	18	2	Kidney	tubular mineralization	
2005A_3.3-86	819	2005A_3.3-86	1	3	Liver	serositis/peritonitis	
2005A_3.3-86	819	2005A_3.3-86	3	3	Liver	necrosis	multifocal
2005A_3.3-86	819	2005A_3.3-86	4	3	Liver	vasculature	vasculitis
2005A_3.3-86	819	2005A_3.3-86	2	1	Liver	penicillanitis	
2005A_3.3-86	819	2005A_3.3-86	10	1	Spleen	endothelial hypertrophy	
2005A_3.3-86	819	2005A_3.3-86	17	1	Kidney	hyperplasia of interstitial tissue	
2005A_3.3-86	819	2005A_3.3-86	16	1	Kidney	eosinophilic granular cells	
2005A_3.3-86	819	2005A_3.3-86	5	0	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-86	819	2005A_3.3-86	1	1	Heart	parenchyma	golden pigment
2005A_3.3-86	819	2005A_3.3-86	12	4	Spleen	peritonitis	
2005A_3.3-86	819	2005A_3.3-86	11	1	Heart	endocarditis	
2005A_3.3-86	819	2005A_3.3-86	5	3	Liver	basophilic cytoplasm	
2005A_3.3-86	819	2005A_3.3-86	2	2	Heart	epicarditis	lymphohistiocytic
2005A_3.3-86	819	2005A_3.3-86	6	3	Liver	lipidosis	
2005A_3.3-86	819	2005A_3.3-86	7	1	Liver	fibrosis	
2005A_3.3-86	819	2005A_3.3-86	8	1	Liver	biliary preductal cell hyperplasia	
2005A_3.3-86	819	2005A_3.3-86	14	1	Kidney	nephritis	granulomatous
2005A_3.3-86	819	2005A_3.3-86	9	3	Liver	macrophage aggregates	yellow brown pigment
2005A_3.3-86	819	2005A_3.3-86	20	1	Kidney	endothelial hypertrophy	
2005A_3.3-88	869	2005A_3.3-88	10	1	Heart	myocardial karyomegaly	
2005A_3.3-88	869	2005A_3.3-88	13	2	Kidney	eosinophilic granular cells	
2005A_3.3-88	869	2005A_3.3-88	4	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	12	4	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	11	1	Spleen	splenitis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	2	1	Liver	basophilic cytoplasm	
2005A_3.3-88	869	2005A_3.3-88	8	2	Heart	epicarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	7	3	Heart	endocarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	2	2	Liver	peritonitis	multifocal
2005A_3.3-88	869	2005A_3.3-88	4	4	Liver	biliary preductal cell hyperplasia	
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	2	3	Liver	sinusoids	congestion/hyperemia
2005A_3.3-88	869	2005A_3.3-88	3	3	Spleen	peritonitis	
2005A_3.3-88	869	2005A_3.3-88	1	1	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	9	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	10	2	Spleen	parenchyma	golden pigment
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	penicillanitis	
2005A_3.3-88	869	2005A_3.3-88	5	2	Heart	endocarditis	
2005A_3.3-88	869	2005A_3.3-88	2	2	Heart	thrombosis	
2005A_3.3-88	869	2005A_3.3-88	3	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	4	1	Heart	epicarditis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	8	1	Spleen	splenitis	
2005A_3.3-88	869	2005A_3.3-88	9	1	Heart	myocardial karyomegaly	
2005A_3.3-88	869	2005A_3.3-88	13	2	Kidney	eosinophilic granular cells	
2005A_3.3-88	869	2005A_3.3-88	4	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	12	4	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	11	1	Spleen	splenitis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	2	1	Liver	basophilic cytoplasm	
2005A_3.3-88	869	2005A_3.3-88	8	2	Heart	epicarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	7	3	Heart	endocarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	2	2	Liver	peritonitis	multifocal
2005A_3.3-88	869	2005A_3.3-88	4	4	Liver	biliary preductal cell hyperplasia	
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	2	3	Liver	sinusoids	congestion/hyperemia
2005A_3.3-88	869	2005A_3.3-88	3	3	Spleen	peritonitis	
2005A_3.3-88	869	2005A_3.3-88	1	1	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	9	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	10	2	Spleen	parenchyma	golden pigment
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	penicillanitis	
2005A_3.3-88	869	2005A_3.3-88	5	2	Heart	endocarditis	
2005A_3.3-88	869	2005A_3.3-88	2	2	Heart	thrombosis	
2005A_3.3-88	869	2005A_3.3-88	3	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	4	1	Heart	epicarditis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	8	1	Spleen	splenitis	
2005A_3.3-88	869	2005A_3.3-88	9	1	Heart	myocardial karyomegaly	
2005A_3.3-88	869	2005A_3.3-88	13	2	Kidney	eosinophilic granular cells	
2005A_3.3-88	869	2005A_3.3-88	4	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	12	4	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	11	1	Spleen	splenitis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	2	1	Liver	basophilic cytoplasm	
2005A_3.3-88	869	2005A_3.3-88	8	2	Heart	epicarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	7	3	Heart	endocarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	2	2	Liver	peritonitis	multifocal
2005A_3.3-88	869	2005A_3.3-88	4	4	Liver	biliary preductal cell hyperplasia	
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	2	3	Liver	sinusoids	congestion/hyperemia
2005A_3.3-88	869	2005A_3.3-88	3	3	Spleen	peritonitis	
2005A_3.3-88	869	2005A_3.3-88	1	1	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	9	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	10	2	Spleen	parenchyma	golden pigment
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	penicillanitis	
2005A_3.3-88	869	2005A_3.3-88	5	2	Heart	endocarditis	
2005A_3.3-88	869	2005A_3.3-88	2	2	Heart	thrombosis	
2005A_3.3-88	869	2005A_3.3-88	3	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	4	1	Heart	epicarditis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	8	1	Spleen	splenitis	
2005A_3.3-88	869	2005A_3.3-88	9	1	Heart	myocardial karyomegaly	
2005A_3.3-88	869	2005A_3.3-88	13	2	Kidney	eosinophilic granular cells	
2005A_3.3-88	869	2005A_3.3-88	4	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	12	4	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	11	1	Spleen	splenitis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	2	1	Liver	basophilic cytoplasm	
2005A_3.3-88	869	2005A_3.3-88	8	2	Heart	epicarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	7	3	Heart	endocarditis	lymphohistiocytic
2005A_3.3-88	869	2005A_3.3-88	2	2	Liver	peritonitis	multifocal
2005A_3.3-88	869	2005A_3.3-88	4	4	Liver	biliary preductal cell hyperplasia	
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	2	3	Liver	sinusoids	congestion/hyperemia
2005A_3.3-88	869	2005A_3.3-88	3	3	Spleen	peritonitis	
2005A_3.3-88	869	2005A_3.3-88	1	1	Kidney	tubular intracytoplasmic protein droplets	
2005A_3.3-88	869	2005A_3.3-88	9	1	Liver	hepatitis	
2005A_3.3-88	869	2005A_3.3-88	10	2	Spleen	parenchyma	golden pigment
2005A_3.3-88	869	2005A_3.3-88	6	1	Liver	penicillanitis	
2005A_3.3-88	869	2005A_3.3-88	5	2	Heart	endocarditis	
2005A_3.3-88	869	2005A_3.3-88	2	2	Heart	thrombosis	
2005A_3.3-88	869	2005A_3.3-88	3	1	Liver	lipidosis	
2005A_3.3-88	869	2005A_3.3-88	4	1	Heart	epicarditis	granulomatous
2005A_3.3-88	869	2005A_3.3-88	8	1	Spleen	splenitis	
2005A_3.3-88	869	20					

20061 A.2.4-7	1238	20061 A.2.4-7	1	2	liver	lipidosis			
20061 A.2.4-8	1338	20061 A.2.4-8	1	3	kidney	mineralization			
20061 A.2.4-8	1338	20061 A.2.4-8	1	3	liver	lipidosis			
20061 A.2.4-8	1338	20061 A.2.4-8	7	3	spleen	peritonitis			
20061 A.2.4-8	1338	20061 A.2.4-8	6	1	Heart	thrombosis			
20061 A.2.4-8	1338	20061 A.2.4-8	4	2	kidney	interstitial hemorrhage	congestion		
20061 A.2.4-8	1338	20061 A.2.4-8	2	1	Liver	biliary preductular cell hyperplasia			
20061 A.2.4-8	1338	20061 A.2.4-8	5	1	kidney	membranous glomerulonephritis			
20061 A.3.2-11	1626	20061 A.3.2-11	1	1	liver	pigmented macrophages			
20061 A.3.2-11	1626	20061 A.3.2-11	2	1	liver	lipidosis			
20061 A.3.2-11	1626	20061 A.3.2-11	3	1	Heart	thrombosis			
20061 A.3.2-12	790	20061 A.3.2-12	16	6	spleen	peritonitis			
20061 A.3.2-12	790	20061 A.3.2-12	3	1	liver	cholangitis	pericholangial leukocytes		
20061 A.3.2-12	790	20061 A.3.2-12	13	2	heart	epicarditis	lymphoplasmacytic		
20061 A.3.2-12	790	20061 A.3.2-12	17	1	spleen	Renibacterium salmoninarum			
20061 A.3.2-12	790	20061 A.3.2-12	14	1	Heart	epicarditis	histiocytic		
20061 A.3.2-12	790	20061 A.3.2-12	4	1	liver	pigmented macrophages			
20061 A.3.2-12	790	20061 A.3.2-12	15	2	Heart	granulomatous inflammation			
20061 A.3.2-12	790	20061 A.3.2-12	1	3	liver	lipidosis			
20061 A.3.2-12	790	20061 A.3.2-12	2	2	liver	basophilic cytoplasm	hepatocytes		
20061 A.3.2-12	790	20061 A.3.2-12	18	2	spleen	parenchymal golden pigment	lipofuscin		
20061 A.3.2-12	790	20061 A.3.2-12	9	1	kidney	golden epithelial pigment in tubules			
20061 A.3.2-12	790	20061 A.3.2-12	12	1	heart	endocarditis	lymphoplasmacytic		
20061 A.3.2-12	790	20061 A.3.2-12	5	1	liver	perivascular lymphocytes/leukocytes			
20061 A.3.2-12	790	20061 A.3.2-12	6	1	liver	sinusoidal congestion			
20061 A.3.2-12	790	20061 A.3.2-12	7	1	Liver	biliary preductular cell hyperplasia			
20061 A.3.2-12	790	20061 A.3.2-12	11	2	heart	Renibacterium salmoninarum			
20061 A.3.2-12	790	20061 A.3.2-12	10	1	kidney	tubular dilation			
20061 A.3.2-12	790	20061 A.3.2-12	8	2	kidney	Renibacterium salmoninarum	of lumen		
20061 A.3.2-13	100	20061 A.3.2-13	4	2	kidney	interstitial hemorrhage	congestion		
20061 A.3.2-13	100	20061 A.3.2-13	1	6	liver	lipidosis			
20061 A.3.2-13	100	20061 A.3.2-13	3	1	Liver	biliary preductular cell hyperplasia			
20061 A.3.2-13	100	20061 A.3.2-13	6	6	spleen	peritonitis			
20061 A.3.2-13	100	20061 A.3.2-13	7	1	Heart	thrombosis			
20061 A.3.2-13	100	20061 A.3.2-13	6	1	heart	endocarditis	histiocytic		
20061 A.3.2-13	100	20061 A.3.2-13	5	1	kidney	tubular epithelial protein	intracytoplasmic		
20061 A.3.2-13	100	20061 A.3.2-13	2	1	liver	basophilic cytoplasm	hepatocytes		
20061 A.3.2-14	78	20061 A.3.2-14	16	2	spleen	parenchymal golden pigment	hepatocytes		
20061 A.3.2-14	78	20061 A.3.2-14	12	2	Heart	epicarditis	histiocytic		
20061 A.3.2-14	78	20061 A.3.2-14	17	3	Spleen	granulomatous inflammation			
20061 A.3.2-14	78	20061 A.3.2-14	15	6	spleen	peritonitis			
20061 A.3.2-14	78	20061 A.3.2-14	13	2	heart	granulomatous inflammation			
20061 A.3.2-14	78	20061 A.3.2-14	11	1	heart	endothelial cell hypertrophy			
20061 A.3.2-14	78	20061 A.3.2-14	10	3	heart	endocarditis	lymphoplasmacytic		
20061 A.3.2-14	78	20061 A.3.2-14	9	2	Heart	epicarditis	lymphoplasmacytic		
20061 A.3.2-14	78	20061 A.3.2-14	8	1	kidney	renal tubular necrosis			
20061 A.3.2-14	78	20061 A.3.2-14	6	1	liver	focal/multifocal necrosis			
20061 A.3.2-14	78	20061 A.3.2-14	4	1	liver	pigmented macrophages			
20061 A.3.2-14	78	20061 A.3.2-14	3	2	liver	cholangitis	pericholangial leukocytes		
20061 A.3.2-14	78	20061 A.3.2-14	2	3	liver	basophilic cytoplasm	hepatocytes		
20061 A.3.2-14	78	20061 A.3.2-14	1	6	liver	lipidosis			
20061 A.3.2-14	78	20061 A.3.2-14	5	1	liver	perivascular lymphocytes/leukocytes			
20061 A.3.2-14	78	20061 A.3.2-14	14	1	heart	endocarditis	histiocytic		
20061 A.3.2-14	78	20061 A.3.2-14	7	3	kidney	granulomatous inflammation			
20061 A.3.3-15	1300	20061 A.3.3-15	2	1	liver	basophilic cytoplasm	hepatocytes		
20061 A.3.3-15	1300	20061 A.3.3-15	3	1	kidney	granulomatous inflammation			
20061 A.3.3-15	1300	20061 A.3.3-15	4	1	Heart	granulomatous inflammation			
20061 A.3.3-15	1300	20061 A.3.3-15	5	1	spleen	peritonitis			
20061 A.3.3-15	1300	20061 A.3.3-15	6	1	Spleen	granulomatous inflammation			
20061 A.3.3-15	1300	20061 A.3.3-15	1	1	liver	focal/multifocal necrosis			
20061 A.3.3-16	466	20061 A.3.3-16	1	1	kidney	interstitial hemorrhage	congestion		
20061 A.3.3-16	466	20061 A.3.3-16	2	1	kidney	renal tubular necrosis			
20061 A.3.3-16	466	20061 A.3.3-16	3	4	spleen	peritonitis			
20061 A.3.3-17	465	20061 A.3.3-17	7	2	heart	myocardial karyomegaly	megaloctytosis		
20061 A.3.3-17	465	20061 A.3.3-17	1	3	Liver	lipidosis			
20061 A.3.3-17	465	20061 A.3.3-17	2	1	liver	sinusoidal congestion			
20061 A.3.3-17	465	20061 A.3.3-17	3	1	liver	focal/multifocal necrosis			
20061 A.3.3-17	465	20061 A.3.3-17	4	1	liver	basophilic cytoplasm	hepatocytes		
20061 A.3.3-17	465	20061 A.3.3-17	6	3	kidney	interstitial cell hyperplasia	hematopoietic		
20061 A.3.3-17	465	20061 A.3.3-17	9	3	spleen	peritonitis			
20061 A.3.3-17	465	20061 A.3.3-17	8	1	heart	endocarditis	histiocytic		
20061 A.3.3-17	465	20061 A.3.3-17	5	1	kidney	renal tubular necrosis			
20061 A.3.3-18	141	20061 A.3.3-18	1	4	Liver	lipidosis			
20061 A.3.3-18	141	20061 A.3.3-18	3	1	liver	cholangitis	pericholangial leukocytes		
20061 A.3.3-18	141	20061 A.3.3-18	4	5	liver	pigmented macrophages			
20061 A.3.3-18	141	20061 A.3.3-18	5	1	liver	sinusoidal congestion			
20061 A.3.3-18	141	20061 A.3.3-18	6	2	kidney	interstitial hemorrhage congestion			
20061 A.3.3-18	141	20061 A.3.3-18	7	1	kidney	renal tubular necrosis			
20061 A.3.3-18	141	20061 A.3.3-18	8	1	kidney	granulomatous inflammation			
20061 A.3.3-18	141	20061 A.3.3-18	9	3	Heart	myocardial karyomegaly	megaloctytosis		
20061 A.3.3-18	141	20061 A.3.3-18	10	1	heart	granulomatous inflammation			
20061 A.3.3-18	141	20061 A.3.3-18	11	2	spleen	peritonitis			
20061 A.3.3-18	141	20061 A.3.3-18	12	1	Spleen	granulomatous inflammation			
20061 A.3.3-18	141	20061 A.3.3-18	2	2	Liver	biliary preductular cell hyperplasia			
20061 A.3.3-19	1144	20061 A.3.3-19	10	2	kidney	Renibacterium salmoninarum			
20061 A.3.3-19	1144	20061 A.3.3-19	2	3	Liver	biliary preductular cell hyperplasia			
20061 A.3.3-19	1144	20061 A.3.3-19	4	1	liver	amphophilic inclusion bodies	endothelial granules		
20061 A.3.3-19	1144	20061 A.3.3-19	6	2	kidney	eosinophilic granular cells			
20061 A.3.3-19	1144	20061 A.3.3-19	7	1	kidney	renal tubular necrosis			
20061 A.3.3-19	1144	20061 A.3.3-19	1	8	liver	lipidosis			
20061 A.3.3-19	1144	20061 A.3.3-19	9	1	kidney	granulomatous inflammation			
20061 A.3.3-19	1144	20061 A.3.3-19	3	3	liver	cholangitis	pericholangial leukocytes		
20061 A.3.3-19	1144	20061 A.3.3-19	11	1	Heart	thrombosis			
20061 A.3.3-19	1144	20061 A.3.3-19	12	2	Heart	myocardial karyomegaly	megaloctytosis		
20061 A.3.3-19	1144	20061 A.3.3-19	13	1	Heart	epicarditis	lymphoplasmacytic		
20061 A.3.3-19	1144	20061 A.3.3-19	14	1	Heart	epicarditis	histiocytic		
20061 A.3.3-19	1144	20061 A.3.3-19	15	6	spleen	peritonitis			
20061 A.3.3-19	1144	20061 A.3.3-19	16	2	spleen	Renibacterium salmoninarum			
20061 A.3.3-19	1144	20061 A.3.3-19	8	1	kidney	interstitial hemorrhage	congestion		
20061 A.3.3-19	1144	20061 A.3.3-19	5	1	liver	single cell necrosis	apoptosis		
20061 A.3.3-20	728	20061 A.3.3-20	6	3	liver	tubular epithelial protein	intracytoplasmic		
20061 A.3.3-20	728	20061 A.3.3-20	11	5	liver	lipidosis			
20061 A.3.3-20	728	20061 A.3.3-20	2	3	Liver	biliary preductular cell hyperplasia	hepatocytes		
20061 A.3.3-20	728	20061 A.3.3-20	3	4	liver	basophilic cytoplasm			
20061 A.3.3-20	728	20061 A.3.3-20	5	3	kidney	interstitial fibrin			
20061 A.3.3-20	728	20061 A.3.3-20	7	1	kidney	golden epithelial pigment in tubules			
20061 A.3.3-20	728	20061 A.3.3-20	8	5	heart	endothelial cell hypertrophy			
20061 A.3.3-20	728	20061 A.3.3-20	10	6	spleen	peritonitis			
20061 A.3.3-20	728	20061 A.3.3-20	11	3	spleen	parenchymal fibrin			
20061 A.3.3-20	728	20061 A.3.3-20	4	1	liver	hepatocellular megalocytosis	karyomegaly		
20061 A.3.3-21	467	20061 A.3.3-21	9	1	heart	endocarditis	eosinophilic		
20061 A.3.3-21	467	20061 A.3.3-21	3	1	liver	sinusoidal congestion			
20061 A.3.3-21	467	20061 A.3.3-21	6	1	spleen	peritonitis			
20061 A.3.3-21	467	20061 A.3.3-21	4	1	kidney	eosinophilic granular cells	endothelial granules		
20061 A.3.3-21	467	20061 A.3.3-21	2	1	liver	perivascular lymphocytes/ leukocytes			
20061 A.3.3-21	467	20061 A.3.3-21	1	2	liver	lipidosis			
20061 A.3.3-21	467	20061 A.3.3-21	5	1	heart	endocarditis	lymphoplasmacytic		
20061 A.3.4-23	1288	20061 A.3.4-23	2	3	liver	basophilic cytoplasm	hepatocytes		
20061 A.3.4-23	1288	20061 A.3.4-23	1	2	Liver	biliary preductular cell hyperplasia			
20061 A.3.4-23	1288	20061 A.3.4-23	9	1	Heart	endothelial cell hypertrophy			
20061 A.3.4-23	1288	20061 A.3.4-23	6	2	spleen	peritonitis			
20061 A.3.4-23	1288	20061 A.3.4-23	4	2	Kidney	renal tubular necrosis			
20061 A.3.4-23	1288	20061 A.3.4-23	3	1	liver	lipidosis			
20061 A.3.5-24	884	20061 A.3.5-24	1	1	liver	lipidosis			
20061 A.3.5-24	884	20061 A.3.5-24	2	1	liver	basophilic cytoplasm	hepatocytes		
20061 A.3.5-24	884	20061 A.3.5-24	3	1	kidney	tubular dilation	of lumen		
20061 A.3.5-24	884	20061 A.3.5-24	4	1	kidney	renal tubular necrosis			
20061 A.3.5-24	884	20061 A.3.5-24	5	1	spleen	peritonitis			
20061 P.2-2	1419	20061 P.2-2	10	1	Heart	Renibacterium salmoninarum			
20061 P.2-2	1419	20061 P.2-2	9	1	Heart	epicarditis	histiocytic		
20061 P.2-2	1419	20061 P.2-2	8	2	heart	endocarditis	lymphoplasmacytic		
20061 P.2-2	1419	20061 P.2-2	7	3	Heart	epicarditis			
20061 P.2-2	1419	20061 P.2-2	6	2	kidney	membranous glomerulonephritis	lymphoplasmacytic		
20061 P.2-2	1419	20061 P.2-2	5	2	kidney	tubular epithelial protein	intracytoplasmic		
20061 P.2-2	1419	20061 P.2-2	4	3	kidney	interstitial cell hyperplasia	hematopoietic		
20061 P.2-2	1419	20061 P.2-2	2	1	liver	perivascular lymphocytes/leukocytes			
20061 P.2-2	1419	20061 P.2-2	1	4					

20062 A.2.3-29	520	20062A.2.3-29	1	5	liver	autolysis			
20062 A.2.3-29	520	20062A.2.3-29	2	1	liver	lipidosis			
20062 A.2.3-29	520	20062A.2.3-29	3	1	liver	focal/multifocal parenchymal leucocytes			
20062 A.2.3-29	520	20062A.2.3-29	7	1	Kidney	tubular epithelial protein	(intracytoplasmic)		
20062 A.2.3-29	520	20062A.2.3-29	10	2	spleen	autolysis			
20062 A.2.3-29	520	20062A.2.3-29	4	1	liver	sinusoidal	congestion		
20062 A.2.3-30	1472	20062A.2.3-30	10	1	Heart	epicarditis	lymphoplasmacytic		
20062 A.2.3-30	1472	20062A.2.3-30	11	4	liver	lipidosis			
20062 A.2.3-30	1472	20062A.2.3-30	2	1	liver	sinusoidal fibrin			
20062 A.2.3-30	1472	20062A.2.3-30	3	1	liver	cholestasis	pericholangial leukocytes		
20062 A.2.3-30	1472	20062A.2.3-30	4	1	liver	sinusoidal congestion			
20062 A.2.3-30	1472	20062A.2.3-30	6	1	liver	focal/multifocal necrosis			
20062 A.2.3-30	1472	20062A.2.3-30	9	2	heart	endocarditis	histiocytic		
20062 A.2.3-30	1472	20062A.2.3-30	11	6	spleen	peritonitis			
20062 A.2.3-30	1472	20062A.2.3-30	12	1	Spleen	granulomatous inflammation			
20062 A.2.3-30	1472	20062A.2.3-30	13	4	liver	autolysis			
20062 A.2.3-30	1472	20062A.2.3-30	5	1	liver	amphophilic inclusion bodies			
20062 A.2.3-30	1472	20062A.2.3-30	8	2	kidney	eosinophilic granular cells	endothelial granules		
20062 A.2.3-30	1472	20062A.2.3-30	9	2	kidney	granulomatous inflammation			
20062 A.2.4-32	1078	20062A.2.4-32	11	2	liver	sinusoidal	congestion		
20062 A.2.4-32	1078	20062A.2.4-32	11	4	spleen	peritonitis			
20062 A.2.4-32	1078	20062A.2.4-32	10	1	Heart	thrombosis			
20062 A.2.4-32	1078	20062A.2.4-32	9	1	heart	endothelial cell hypertrophy			
20062 A.2.4-32	1078	20062A.2.4-32	8	1	heart	endocarditis	histiocytic		
20062 A.2.4-32	1078	20062A.2.4-32	7	2	kidney	interstitial hemorrhage	congestion		
20062 A.2.4-32	1078	20062A.2.4-32	6	1	kidney	granulomatous inflammation			
20062 A.2.4-32	1078	20062A.2.4-32	5	1	Kidney	tubular dilation	(of lumen)		
20062 A.2.4-32	1078	20062A.2.4-32	4	2	Kidney	tubular epithelial protein	(intracytoplasmic)		
20062 A.2.4-32	1078	20062A.2.4-32	2	1	liver	amphophilic inclusion bodies			
20062 A.2.4-32	1078	20062A.2.4-32	3	1	liver	focal/multifocal necrosis			
20062 A.2.4-33	1738	20062A.2.4-33	11	1	Liver	cholestasis	pericholangial leukocytes		
20062 A.2.4-33	1738	20062A.2.4-33	2	2	Liver	lipidosis			
20062 A.2.4-33	1738	20062A.2.4-33	3	1	liver	sinusoidal congestion			
20062 A.2.4-33	1738	20062A.2.4-33	4	1	kidney	eosinophilic granular cells	endothelial granules		
20062 A.2.4-33	1738	20062A.2.4-33	5	3	spleen	peritonitis			
20062 A.2.2-35	1626	20062A.2.2-35	5	3	liver	pigmented macrophages			
20062 A.2.2-35	1626	20062A.2.2-35	11	1	spleen	parenchymal golden pigment	lipofuscin		
20062 A.2.2-35	1626	20062A.2.2-35	11	1	liver	lipidosis			
20062 A.2.2-35	1626	20062A.2.2-35	2	1	liver	focal/multifocal necrosis			
20062 A.2.2-35	1626	20062A.2.2-35	3	1	liver	basophilic cytoplasm	(hepatocytes)		
20062 A.2.2-35	1626	20062A.2.2-35	4	2	liver	cholestasis/pericholangial leucocytes			
20062 A.2.2-35	1626	20062A.2.2-35	7	2	Kidney	renal tubular necrosis			
20062 A.2.2-35	1626	20062A.2.2-35	8	1	kidney	granulomatous inflammation			
20062 A.2.2-35	1626	20062A.2.2-35	9	1	Heart	myocardial karyomegaly	megakaryocytosis		
20062 A.2.2-35	1626	20062A.2.2-35	10	5	spleen	peritonitis			
20062 A.2.2-35	1626	20062A.2.2-35	6	1	Kidney	mineralization			
20062 A.2.2-37	790	20062A.2.2-37	11	3	liver	lipidosis			
20062 A.2.2-37	790	20062A.2.2-37	2	1	liver	basophilic cytoplasm	(hepatocytes)		
20062 A.2.2-37	790	20062A.2.2-37	12	1	spleen	Renibacterium salmoninarum			
20062 A.2.2-37	790	20062A.2.2-37	4	2	kidney	interstitial cell hyperplasia	(hematopoietic)		
20062 A.2.2-37	790	20062A.2.2-37	5	1	Kidney	tubular epithelial protein			
20062 A.2.2-37	790	20062A.2.2-37	6	1	kidney	golden epithelial pigment in tubules			
20062 A.2.2-37	790	20062A.2.2-37	7	3	kidney	Renibacterium salmoninarum			
20062 A.2.2-37	790	20062A.2.2-37	8	1	Heart	epicarditis	lymphoplasmacytic		
20062 A.2.2-37	790	20062A.2.2-37	9	3	heart	Renibacterium salmoninarum			
20062 A.2.2-37	790	20062A.2.2-37	10	3	spleen	peritonitis			
20062 A.2.2-37	790	20062A.2.2-37	11	1	spleen	parenchymal golden pigment	(lipofuscin)		
20062 A.2.2-37	790	20062A.2.2-37	3	2	liver	Renibacterium salmoninarum			
20062 A.2.2-37	790	20062A.2.2-37	14	1	spleen	parenchymal golden pigment	(lipofuscin)		
20062 A.2.2-38	100	20062A.2.2-38	12	14	Heart	Renibacterium salmoninarum			
20062 A.2.2-38	100	20062A.2.2-38	11	1	heart	endothelial cell hyperplasia			
20062 A.2.2-38	100	20062A.2.2-38	7	1	heart	myocardial karyomegaly/megakaryocytosis			
20062 A.2.2-38	100	20062A.2.2-38	1	4	liver	lipidosis			
20062 A.2.2-38	100	20062A.2.2-38	5	1	kidney	golden epithelial pigment in tubules			
20062 A.2.2-38	100	20062A.2.2-38	15	14	spleen	Renibacterium salmoninarum			
20062 A.2.2-38	100	20062A.2.2-38	3	1	liver	perivascular lymphocytes/leucocytes			
20062 A.2.2-38	100	20062A.2.2-38	8	1	Heart	epicarditis	lymphoplasmacytic		
20062 A.2.2-38	100	20062A.2.2-38	4	14	liver	Renibacterium salmoninarum			
20062 A.2.2-38	100	20062A.2.2-38	2	9	liver	basophilic cytoplasm	(hepatocytes)		
20062 A.2.2-38	100	20062A.2.2-38	13	8	spleen	peritonitis			
20062 A.2.2-38	100	20062A.2.2-38	9	1	Heart	epicarditis	histiocytic		
20062 A.2.2-38	100	20062A.2.2-38	6	14	kidney	Renibacterium salmoninarum			
20062 A.2.2-38	100	20062A.2.2-38	10	4	Heart	endocarditis	histiocytic		
20062 A.2.2-38	869	20062A.2.2-38	4	1	Liver	cholestasis/pericholangial leucocytes			
20062 A.2.2-38	869	20062A.2.2-38	5	1	liver	pigmented macrophages			
20062 A.2.2-38	869	20062A.2.2-38	9	1	spleen	parenchymal golden pigment	(lipofuscin)		
20062 A.2.2-38	869	20062A.2.2-38	2	3	liver	bilary preductular cell hyperplasia			
20062 A.2.2-38	869	20062A.2.2-38	6	1	Kidney	tubular dilation	(of lumen)		
20062 A.2.2-38	869	20062A.2.2-38	7	2	kidney	eosinophilic granular cells/	endothelial granules		
20062 A.2.2-38	869	20062A.2.2-38	3	1	liver	focal/multifocal necrosis			
20062 A.2.2-38	869	20062A.2.2-38	1	1	liver	lipidosis			
20062 A.2.2-38	869	20062A.2.2-38	8	2	spleen	peritonitis			
20062 A.2.2-38	467	20062A.2.2-38	2	1	Kidney	renal tubular necrosis			
20062 A.2.2-38	467	20062A.2.2-38	1	1	liver	lipidosis			
20062 A.2.2-38	467	20062A.2.2-38	3	1	Heart	epicarditis	histiocytic		
20062 A.2.2-38	467	20062A.2.2-38	2	1	kidney	Renibacterium salmoninarum			
20062 A.2.2-38	728	20062A.2.2-38	3	5	spleen	peritonitis			
20062 A.2.2-38	728	20062A.2.2-38	1	3	liver	lipidosis			
20062 A.2.2-38	143	20062A.2.2-38	4	1	liver	basophilic cytoplasm	hepatocytes		
20062 A.2.2-38	143	20062A.2.2-38	8	3	spleen	peritonitis			
20062 A.2.2-38	143	20062A.2.2-38	7	1	kidney	golden epithelial pigment in tubules	(intracytoplasmic)		
20062 A.2.2-38	143	20062A.2.2-38	5	2	Kidney	tubular epithelial protein	apoptosis		
20062 A.2.2-38	143	20062A.2.2-38	3	1	liver	single cell necrosis			
20062 A.2.2-38	143	20062A.2.2-38	2	2	Liver	bilary preductular cell hyperplasia			
20062 A.2.2-38	143	20062A.2.2-38	1	1	liver	lipidosis			
20062 A.2.2-38	143	20062A.2.2-38	6	2	kidney	renal tubular necrosis			
20062 A.2.2-38	819	20062A.2.2-38	11	2	Heart	epicarditis	lymphoplasmacytic		
20062 A.2.2-38	819	20062A.2.2-38	5	2	Heart	sinusoidal congestion			
20062 A.2.2-38	819	20062A.2.2-38	3	1	Liver	cholestasis/pericholangial leucocytes			
20062 A.2.2-38	819	20062A.2.2-38	2	3	liver	bilary preductular cell hyperplasia			
20062 A.2.2-38	819	20062A.2.2-38	11	6	liver	lipidosis			
20062 A.2.2-38	819	20062A.2.2-38	6	1	liver	amphophilic inclusion bodies			
20062 A.2.2-38	819	20062A.2.2-38	7	2	liver	sinusoidal fibrin			
20062 A.2.2-38	819	20062A.2.2-38	8	1	kidney	mineralization			
20062 A.2.2-38	819	20062A.2.2-38	10	1	kidney	granulomatous inflammation			
20062 A.2.2-38	819	20062A.2.2-38	12	1	Heart	epicarditis	histiocytic		
20062 A.2.2-38	819	20062A.2.2-38	13	5	spleen	peritonitis			
20062 A.2.2-38	819	20062A.2.2-38	4	1	liver	pigmented macrophages			
20062 A.2.2-38	819	20062A.2.2-38	9	2	kidney	eosinophilic granular cells/	endothelial granules		
20062 A.2.2-38	1144	20062A.2.2-38	6	1	liver	sinusoidal fibrin			
20062 A.2.2-38	1144	20062A.2.2-38	2	1	liver	sinusoidal congestion			
20062 A.2.2-38	1144	20062A.2.2-38	4	1	liver	lipidosis			
20062 A.2.2-38	1144	20062A.2.2-38	3	1	liver	focal/multifocal parenchymal leucocytes			
20062 A.2.2-38	1144	20062A.2.2-38	5	1	liver	amphophilic inclusion bodies			
20062 A.2.2-38	1144	20062A.2.2-38	8	1	kidney	intratubular (luminal) protein casts			
20062 A.2.2-38	1144	20062A.2.2-38	9	1	Kidney	renal tubular necrosis			
20062 A.2.2-38	1144	20062A.2.2-38	7	1	kidney	eosinophilic granular cells/	endothelial granules		
20062 A.2.2-38	1144	20062A.2.2-38	12	1	spleen	peritonitis			
20062 A.2.2-38	1144	20062A.2.2-38	11	1	heart	epicarditis	lymphoplasmacytic		
20062 A.2.2-38	1144	20062A.2.2-38	10	1	Heart	myocardial karyomegaly/megakaryocytosis			
20062 A.2.2-38	892	20062A.2.2-38	6	1	kidney	renal tubular necrosis			
20062 A.2.2-38	892	20062A.2.2-38	1	1	liver	lipidosis			
20062 A.2.2-38	892	20062A.2.2-38	2	3	liver	basophilic cytoplasm	(hepatocytes)		
20062 A.2.2-38	892	20062A.2.2-38	3	1	Liver	cholestasis/pericholangial leucocytes			
20062 A.2.2-38	892	20062A.2.2-38	5	4	liver	Renibacterium salmoninarum			
20062 A.2.2-38	892	20062A.2.2-38	7	4	kidney	Renibacterium salmoninarum			
20062 A.2.2-38	892	20062A.2.2-38	4	1	liver	perivascular lymphocytes/leucocytes			
20062 A.2.2-38	1198	20062A.2.2-38	5	6	spleen	peritonitis			
20062 A.2.2-38	1198	20062A.2.2-38	1	1	liver	lipidosis			
20062 A.2.2-38	1198	20062A.2.2-38	2	2	liver	sinusoidal congestion			
20062 A.2.2-38	1198	20062A.2.2-38	3	2	Kidney	tubular epithelial protein	(intracytoplasmic)		
20062 A.2.2-38	1198	20062A.2.2-38	4	1	heart	endothelial cell hypertrophy			
20062 A.2.2-38	1580	20062A.2.2-38	2	2	Liver	bilary preductular cell hyperplasia			
20062 A.2.2-38	1580	20062A.2.2-38	1	2	liver	lipidosis			
20062 A.2.2-38	1580	20062A.2.2-38	6	6	spleen	peritonitis			
20062 A.2.2-38	1								

20063 A.2.3-50	527	20063A.2.3-50	3	1	heart	epicarditis, lymphoplasmacytic	
20063 A.2.3-50	527	20063A.2.3-50	4	1	spleen	peritonitis	granulomatous
20063 A.2.3-50	527	20063A.2.3-50	5	3	intestine	peritonitis	
20063 A.2.3-51	1148	20063A.2.3-51	9	1	heart	endothelial cell hypertrophy	
20063 A.2.3-51	1148	20063A.2.3-51	12	4	intestine	peritonitis	
20063 A.2.3-51	1148	20063A.2.3-51	10	6	spleen	peritonitis	
20063 A.2.3-51	1148	20063A.2.3-51	2	1	liver	focal/multifocal parenchymal leukocytes	
20063 A.2.3-51	1148	20063A.2.3-51	8	1	heart	endocarditis, histiocytic	
20063 A.2.3-51	1148	20063A.2.3-51	7	1	heart	endocarditis, lymphoplasmacytic	
20063 A.2.3-51	1148	20063A.2.3-51	6	1	Heart	epicarditis, lymphoplasmacytic	
20063 A.2.3-51	1148	20063A.2.3-51	5	4	kidney	tubular epithelial protein	intracytoplasmic
20063 A.2.3-51	1148	20063A.2.3-51	4	1	liver	amphophilic inclusion bodies	
20063 A.2.3-51	1148	20063A.2.3-51	1	4	liver	lipidosis	
20063 A.2.3-51	1148	20063A.2.3-51	3	2	liver	sinusoidal congestion	
20063 A.2.3-51	1148	20063A.2.3-51	11	1	spleen	granulomatous inflammation	not SRS
20063 A.2.4-52	1700	20063A.2.4-52	2	1	liver	sinusoidal congestion	
20063 A.2.4-52	1700	20063A.2.4-52	9	1	Spleen	granulomatous inflammation	not SRS
20063 A.2.4-52	1700	20063A.2.4-52	8	5	spleen	peritonitis	
20063 A.2.4-52	1700	20063A.2.4-52	7	1	heart	endocarditis	lymphohistiocytic
20063 A.2.4-52	1700	20063A.2.4-52	6	1	kidney	granulomatous inflammation	
20063 A.2.4-52	1700	20063A.2.4-52	5	6	kidney	interstitial hemorrhage/congestion	
20063 A.2.4-52	1700	20063A.2.4-52	3	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction?
20063 A.2.4-52	1700	20063A.2.4-52	1	1	liver	pigmented macrophages	
20063 A.2.4-52	1700	20063A.2.4-52	4	1	kidney	tubular epithelial protein	intracytoplasmic
20063 A.2.4-53	144	20063A.2.4-53	11	2	kidney	eosinophilic granular cells	endothelial granules
20063 A.2.4-53	144	20063A.2.4-53	20	8	spleen	peritonitis	
20063 A.2.4-53	144	20063A.2.4-53	22	2	spleen	Piscirickettsia salmonis	
20063 A.2.4-53	144	20063A.2.4-53	21	1	spleen	Renibacterium salmoninarum	
20063 A.2.4-53	144	20063A.2.4-53	6	1	liver	Renibacterium salmoninarum	
20063 A.2.4-53	144	20063A.2.4-53	2	1	liver	biliary preductular cell hyperplasia	
20063 A.2.4-53	144	20063A.2.4-53	1	1	liver	lipidosis	
20063 A.2.4-53	144	20063A.2.4-53	3	1	liver	pigmented macrophages	
20063 A.2.4-53	144	20063A.2.4-53	13	1	kidney	Renibacterium salmoninarum	
20063 A.2.4-53	144	20063A.2.4-53	8	1	liver	sinusoidal congestion	
20063 A.2.4-53	144	20063A.2.4-53	19	2	heart	Piscirickettsia salmonis	
20063 A.2.4-53	144	20063A.2.4-53	7	3	liver	Piscirickettsia salmonis	
20063 A.2.4-53	144	20063A.2.4-53	8	3	kidney	interstitial (hematopoietic) cell hyperplasia	
20063 A.2.4-53	144	20063A.2.4-53	9	4	kidney	tubular epithelial protein	(intracytoplasmic)
20063 A.2.4-53	144	20063A.2.4-53	10	1	kidney	golden epithelial pigment in tubules	
20063 A.2.4-53	144	20063A.2.4-53	18	1	heart	Renibacterium salmoninarum	
20063 A.2.4-53	144	20063A.2.4-53	12	2	kidney	intratubular (luminal) protein casts	
20063 A.2.4-53	144	20063A.2.4-53	14	3	kidney	Piscirickettsia salmonis	
20063 A.2.4-53	144	20063A.2.4-53	15	6	Heart	epicarditis	lymphoplasmacytic
20063 A.2.4-53	144	20063A.2.4-53	16	2	Heart	endocarditis	lymphoplasmacytic
20063 A.2.4-53	144	20063A.2.4-53	17	4	heart	endothelial cell hypertrophy	
20063 A.2.4-53	144	20063A.2.4-53	4	2	Liver	perivascular lymphocytes	
20063 A.2.4-54	404	20063A.2.4-54	15	1	intestine	peritonitis	
20063 A.2.4-54	404	20063A.2.4-54	14	1	spleen	parenchymal golden pigment	lipofuscin
20063 A.2.4-54	404	20063A.2.4-54	13	5	spleen	peritonitis	
20063 A.2.4-54	404	20063A.2.4-54	12	1	heart	endocarditis	histiocytic
20063 A.2.4-54	404	20063A.2.4-54	11	2	heart	endocarditis	eosinophilic
20063 A.2.4-54	404	20063A.2.4-54	10	2	heart	endocarditis	lymphoplasmacytic
20063 A.2.4-54	404	20063A.2.4-54	8	1	kidney	Renibacterium salmoninarum	
20063 A.2.4-54	404	20063A.2.4-54	6	1	kidney	renal tubular necrosis	
20063 A.2.4-54	404	20063A.2.4-54	7	1	kidney	golden epithelial pigment in tubules	
20063 A.2.4-54	404	20063A.2.4-54	3	1	kidney	granulomatous inflammation	
20063 A.2.4-54	404	20063A.2.4-54	3	1	kidney	tubular epithelial protein	intracytoplasmic
20063 A.2.4-54	404	20063A.2.4-54	2	1	liver	Renibacterium salmoninarum	
20063 A.2.4-54	404	20063A.2.4-54	1	1	liver	lipidosis	
20063 A.2.4-54	404	20063A.2.4-54	5	1	kidney	tubular dilation	of lumen
20063 A.2.4-54	404	20063A.2.4-54	9	1	heart	epicarditis	lymphoplasmacytic
20063 A.2.4-55	1237	20063A.2.4-55	10	2	spleen	peritonitis	
20063 A.2.4-55	1237	20063A.2.4-55	8	1	heart	endothelial cell hypertrophy	
20063 A.2.4-55	1237	20063A.2.4-55	11	1	spleen	Renibacterium salmoninarum	
20063 A.2.4-55	1237	20063A.2.4-55	4	1	liver	Renibacterium salmoninarum	
20063 A.2.4-55	1237	20063A.2.4-55	8	1	heart	Renibacterium salmoninarum	
20063 A.2.4-55	1237	20063A.2.4-55	1	3	liver	lipidosis	
20063 A.2.4-55	1237	20063A.2.4-55	2	1	liver	basophilic cytoplasm	(hepatocytes)
20063 A.2.4-55	1237	20063A.2.4-55	9	1	liver	perivascular lymphocytes/leukocytes	
20063 A.2.4-55	1237	20063A.2.4-55	7	2	Heart	epicarditis	lymphoplasmacytic
20063 A.2.4-55	1237	20063A.2.4-55	6	1	kidney	Renibacterium salmoninarum	
20063 A.2.4-55	1237	20063A.2.4-55	5	1	kidney	tubular epithelial protein	(intracytoplasmic)
20063 A.3.2-57	306	20063A.3.2-57	9	1	Heart	thrombosis	
20063 A.3.2-57	306	20063A.3.2-57	2	1	liver	basophilic cytoplasm	(hepatocytes)
20063 A.3.2-57	306	20063A.3.2-57	3	1	liver	amphophilic inclusion bodies	
20063 A.3.2-57	306	20063A.3.2-57	4	1	liver	sinusoidal fibrin	
20063 A.3.2-57	306	20063A.3.2-57	5	1	kidney	tubal epithelial protein	(intracytoplasmic)
20063 A.3.2-57	306	20063A.3.2-57	6	1	kidney	golden epithelial pigment in tubules	
20063 A.3.2-57	306	20063A.3.2-57	7	1	kidney	renal tubular necrosis	
20063 A.3.2-57	306	20063A.3.2-57	8	1	Heart	epicarditis	histiocytic
20063 A.3.2-57	306	20063A.3.2-57	1	3	liver	lipidosis	
20063 A.3.2-58	1401	20063A.3.2-58	1	1	liver	choolangitis/pericholangial leukocytes	
20063 A.3.2-58	1401	20063A.3.2-58	3	1	liver	sinusoidal congestion	
20063 A.3.2-58	1401	20063A.3.2-58	6	1	kidney	tubular dilation	(of lumen)
20063 A.3.2-58	1401	20063A.3.2-58	2	2	liver	perivascular leukocytes/lymphocytes	
20063 A.3.2-58	1401	20063A.3.2-58	7	1	kidney	intratubular (luminal) protein casts	
20063 A.3.2-58	1401	20063A.3.2-58	8	2	Heart	epicarditis	lymphoplasmacytic
20063 A.3.2-58	1401	20063A.3.2-58	9	2	heart	endocarditis	lymphoplasmacytic
20063 A.3.2-58	1401	20063A.3.2-58	10	1	heart	endocarditis	histiocytic
20063 A.3.2-58	1401	20063A.3.2-58	11	1	heart	endothelial cell hypertrophy	
20063 A.3.2-58	1401	20063A.3.2-58	12	1	Heart	thrombosis	
20063 A.3.2-58	1401	20063A.3.2-58	13	3	spleen	peritonitis	
20063 A.3.2-58	1401	20063A.3.2-58	14	4	spleen	parenchymal golden pigment	(lipofuscin)
20063 A.3.2-58	1401	20063A.3.2-58	5	1	kidney	tubular epithelial protein	(intracytoplasmic)
20063 A.3.2-58	1401	20063A.3.2-58	4	1	liver	granulomatous hepatitis/peritonitis	vaccine, reaction?
20063 A.3.2-60	100	20063A.3.2-60	17	5	spleen	peritonitis	
20063 A.3.2-60	100	20063A.3.2-60	4	1	Liver	choolangitis/perichoangial leukocytes	
20063 A.3.2-60	100	20063A.3.2-60	3	2	liver	basophilic cytoplasm	
20063 A.3.2-60	100	20063A.3.2-60	2	5	liver	focal/multifocal necrosis	
20063 A.3.2-60	100	20063A.3.2-60	5	1	liver	pigmented macrophages	
20063 A.3.2-60	100	20063A.3.2-60	11	3	spleen	lipidosis	
20063 A.3.2-60	100	20063A.3.2-60	18	3	spleen	parenchymal golden pigment	lipofuscin
20063 A.3.2-60	100	20063A.3.2-60	16	3	heart	granulomatous inflammation	
20063 A.3.2-60	100	20063A.3.2-60	15	3	heart	endothelial cell hypertrophy	
20063 A.3.2-60	100	20063A.3.2-60	13	1	Heart	epicarditis	lymphohistiocytic
20063 A.3.2-60	100	20063A.3.2-60	6	1	liver	perivascular lymphocytes/leukocytes	
20063 A.3.2-60	100	20063A.3.2-60	12	1	kidney	Renibacterium salmoninarum	
20063 A.3.2-60	100	20063A.3.2-60	11	5	kidney	granulomatous inflammation	
20063 A.3.2-60	100	20063A.3.2-60	7	1	liver	sinusoidal congestion	
20063 A.3.2-60	100	20063A.3.2-60	8	3	liver	granulomatous hepatitis/peritonitis	vaccine reaction?
20063 A.3.2-60	100	20063A.3.2-60	14	3	Heart	epicarditis	histiocytic
20063 A.3.2-60	100	20063A.3.2-60	19	4	kidney	tubular epithelial protein	intracytoplasmic
20063 A.3.2-60	100	20063A.3.2-60	19	4	spleen	granulomatous inflammation	not SRS
20063 A.3.2-60	100	20063A.3.2-60	10	2	kidney	eosinophilic granular cells	endothelial granules
20063 A.3.2-61	1136	20063A.3.2-61	16	2	heart	endothelial cell hypertrophy	
20063 A.3.2-61	1136	20063A.3.2-61	19	2	spleen	Renibacterium salmoninarum	
20063 A.3.2-61	1136	20063A.3.2-61	17	7	spleen	peritonitis	
20063 A.3.2-61	1136	20063A.3.2-61	15	1	heart	epicarditis, lymphoplasmacytic	
20063 A.3.2-61	1136	20063A.3.2-61	14	1	heart	myocardial karyomegaly/megalecytosis	
20063 A.3.2-61	1136	20063A.3.2-61	11	1	kidney	golden epithelial pigment in tubules	
20063 A.3.2-61	1136	20063A.3.2-61	18	1	spleen	parenchymal golden pigment	lipofuscin
20063 A.3.2-61	1136	20063A.3.2-61	3	2	liver	basophilic cytoplasm	hepatocytes
20063 A.3.2-61	1136	20063A.3.2-61	13	2	kidney	Renibacterium salmoninarum	
20063 A.3.2-61	1136	20063A.3.2-61	12	1	kidney	renal tubular necrosis	
20063 A.3.2-61	1136	20063A.3.2-61	2	2	liver	focal/multifocal necrosis	
20063 A.3.2-61	1136	20063A.3.2-61	4	1	liver	choolangitis/pericholangial leukocytes	
20063 A.3.2-61	1136	20063A.3.2-61	5	1	liver	perivascular lymphocytes/leukocytes	
20063 A.3.2-61	1136	20063A.3.2-61	6	1	liver	sinusoidal congestion	
20063 A.3.2-61	1136	20063A.3.2-61	7	1	liver	amphophilic inclusion bodies	
20063 A.3.2-61	1136	20063A.3.2-61	8	1	liver	single cell necrosis/apoptosis	
20063 A.3.2-61	1136	20063A.3.2-61	9	2	liver	Renibacterium salmoninarum	
20063 A.3.2-61	1136	20063A.3.2-61	10	1	kidney	tubular epithelial protein	intracytoplasmic
20063 A.3.2-61	1136	20063A.3.2-61	11	1	liver	lipidosis	
20063 A.3.3-63	465	20063A.3.3-63	1	1	kidney	tubal epithelial protein	Intracytoplasmic
20063 A.3.3-63	465	20063A.3.3-63	2	2	spleen	peritonitis	
20063 A.3.3-64	1825	20063A.3.3-64	8	1	kidney	tubular dilation	of lumen
20063 A.3.3-64	1825	20063A.3.3-64	12	2	heart	endocarditis	eosinophilic
20063 A.3.3-64	1825	20063A.3.3-64	13	1	heart	endothelial cell hypertrophy	
20063 A.3.3-64	1825	20063A.3.3-64	11	1	Heart	epicarditis	lymphoplasmacytic
20063 A.3.3-64	1825	20063A.3.3-64	10	1	kidney	membranous glomerulonephritis	
20063 A.3.3-64	1825	20063A.3.3-64	9	1	kidney	renal tubular necrosis	
20063 A.3.3-64	1825	20063A.3.3-64	7	3	kidney	tubular epithelial protein	
20063 A.3.3-64	1825	20063A.3.3-64	6	1	liver	single cell necrosis/apoptosis	
20063 A.3.3-64	1825	20063A.3.3-64	5	1	liver	hepatocellular/hepatocellular megalocytosis/karyomegaly	
20063 A.3.3-64	1825	20063A.3.3-64	4	1	liver	amphophilic inclusion bodies	
20063 A.3.3-64	1825	20063A.3.3-64	3	1	liver	basophilic cytoplasm	hepatocytes
20063 A.3.3-64	1825	20063A.3.3-64	1	2	liver	lipidosis	

20063 A.3.4-71	1293	20063A.3.4-71	17	2	spleen	parenchymal golden pigment	lipofuscin	
20063 A.3.4-71	1293	20063A.3.4-71	16	6	spleen	peritonitis		
20063 A.3.4-71	1293	20063A.3.4-71	15	1	Heart	granulomatous inflammation		
20063 A.3.4-71	1293	20063A.3.4-71	14	1	Heart	thrombosis		
20063 A.3.4-71	1293	20063A.3.4-71	13	2	Heart	endocarditis	eosinophilic	
20063 A.3.4-71	1293	20063A.3.4-71	12	1	Heart	epicarditis	lymphohistiocytic	
20063 A.3.4-71	1293	20063A.3.4-71	11	5	liver	lipidosis		
20063 A.3.4-71	1293	20063A.3.4-71	10	1	kidney	granulomatous inflammation		
20063 A.3.4-71	1293	20063A.3.4-71	8	1	kidney	intratubular protein cast	luminal	
20063 A.3.4-71	1293	20063A.3.4-71	7	2	kidney	tubular dilation	of lumen	
20063 A.3.4-71	1293	20063A.3.4-71	6	1	kidney	golden epithelial pigment in tubules		
20063 A.3.4-71	1293	20063A.3.4-71	5	2	kidney	tubular epithelial protein	intracytoplasmic	
20063 A.3.4-71	1293	20063A.3.4-71	4	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction?	
20063 A.3.4-71	1293	20063A.3.4-71	3	2	liver	basophilic cytoplasm		
20063 A.3.4-71	1293	20063A.3.4-71	2	1	liver	biliary preductular cell hyperplasia	hepatocytes	
20063 A.3.4-71	1293	20063A.3.4-71	11	2	kidney	Renibacterium salmoninarum		
20063 A.3.5-72	1580	20063A.3.5-72	9	1	Intestine	peritonitis		
20063 A.3.5-72	1580	20063A.3.5-72	8	4	spleen	peritonitis		
20063 A.3.5-72	1580	20063A.3.5-72	5	1	kidney	interstitial hemorrhage/congestion		
20063 A.3.5-72	1580	20063A.3.5-72	6	1	Heart	epicarditis	lymphohistiocytic	
20063 A.3.5-72	1580	20063A.3.5-72	4	1	kidney	mineralization		
20063 A.3.5-72	1580	20063A.3.5-72	3	2	kidney	tubular epithelial protein	intracytoplasmic	
20063 A.3.5-72	1580	20063A.3.5-72	2	1	liver	sinusoidal congestion		
20063 A.3.5-72	1580	20063A.3.5-72	1	2	liver	lipidosis		
20063 A.3.5-72	1580	20063A.3.5-72	7	1	Heart	endocarditis	eosinophilic	
20063 P.2-15	1596	20063P.2-15	3	1	liver	sinusoidal fibrin		
20063 P.2-15	1596	20063P.2-15	10	1	Spleen	leukocytic karyorrhexis		
20063 P.2-15	1596	20063P.2-15	9	1	spleen	peritonitis		
20063 P.2-15	1596	20063P.2-15	8	1	Heart	epicarditis	histiocytic	
20063 P.2-15	1596	20063P.2-15	7	3	kidney	membranous glomerulonephritis		
20063 P.2-15	1596	20063P.2-15	6	1	kidney	tubular epithelial protein	intracytoplasmic	
20063 P.2-15	1596	20063P.2-15	1	5	liver	lipidosis		
20063 P.2-15	1596	20063P.2-15	4	1	liver	Piscirickettsia salmonis		
20063 P.2-15	1596	20063P.2-15	2	1	liver	cholangitis/pericholangial leukocytes		
20063 P.2-15	1596	20063P.2-15	11	1	Spleen	granulomatous inflammation	not SRS	
20063 P.2-15	1596	20063P.2-15	12	1	spleen	Piscirickettsia salmonis		
20063 P.2-15	1596	20063P.2-15	5	3	kidney	interstitial cell hyperplasia	hematopoietic	
20063 P.2-15	1596	20063P.2-15	13	1	Intestine	peritonitis		
20063 P.3-17	1697	20063P.3-17	3	2	Kidney	tubular epithelial protein	intracytoplasmic	
20063 P.3-17	1697	20063P.3-17	8	4	gills	Loma salmonae		
20063 P.3-17	1697	20063P.3-17	7	1	Spleen	Loma salmonae		
20063 P.3-17	1697	20063P.3-17	6	3	spleen	parenchymal golden pigment	lipofuscin	
20063 P.3-17	1697	20063P.3-17	4	1	kidney	membranous glomerulonephritis		
20063 P.3-17	1697	20063P.3-17	1	1	liver	lipidosis		
20063 P.3-17	1697	20063P.3-17	2	3	kidney	interstitial cell hyperplasia	hematopoietic	
20063 P.3-17	1697	20063P.3-17	5	2	Heart	thrombosis		
20063 P.3-18	1698	20063P.3-18	10	1	Heart	Renibacterium salmoninarum		
20063 P.3-18	1698	20063P.3-18	9	1	Heart	epicarditis	lymphohistiocytic	
20063 P.3-18	1698	20063P.3-18	8	1	Kidney	Renibacterium salmoninarum		
20063 P.3-18	1698	20063P.3-18	7	1	Kidney	membranous glomerulonephritis		
20063 P.3-18	1698	20063P.3-18	6	1	kidney	interstitial hemorrhage/congestion		
20063 P.3-18	1698	20063P.3-18	5	2	kidney	mineralization		
20063 P.3-18	1698	20063P.3-18	3	1	liver	perivascular lymphocytes/leukocytes		
20063 P.3-18	1698	20063P.3-18	1	1	liver	lipidosis		
20063 P.3-18	1698	20063P.3-18	4	2	kidney	interstitial cell hyperplasia	hematopoietic	
20063 P.3-18	1698	20063P.3-18	2	1	liver	cholangitis/pericholangial leukocytes		
20064 A.2.3-74	1291	20064A.2.3-74	7	1	Kidney	interstitial hemorrhage/congestion		
20064 A.2.3-74	1291	20064A.2.3-74	9	4	spleen	peritonitis		
20064 A.2.3-74	1291	20064A.2.3-74	8	1	Heart	granulomatous inflammation		
20064 A.2.3-74	1291	20064A.2.3-74	1	3	liver	lipidosis		
20064 A.2.3-74	1291	20064A.2.3-74	2	1	liver	basophilic cytoplasm	hepatocytes	
20064 A.2.3-74	1291	20064A.2.3-74	3	1	liver	cholangitis/pericholangial leukocytes		
20064 A.2.3-74	1291	20064A.2.3-74	4	1	liver	amphiphilic/eosinophilic inclusion bodies		
20064 A.2.3-74	1291	20064A.2.3-74	5	1	liver	sinusoidal fibrin		
20064 A.2.3-74	1291	20064A.2.3-74	6	1	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.2.3-74	1291	20064A.2.3-74	10	1	Intestine	peritonitis		
20064 A.2.3-75	540	20064A.2.3-75	5	8	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.2.3-75	540	20064A.2.3-75	4	7	liver	Piscirickettsia salmonis		
20064 A.2.3-75	540	20064A.2.3-75	3	4	liver	basophilic cytoplasm	hepatocytes	
20064 A.2.3-75	540	20064A.2.3-75	1	1	liver	lipidosis		
20064 A.2.3-75	540	20064A.2.3-75	2	2	liver	biliary preductular cell hyperplasia		
20064 A.2.3-75	540	20064A.2.3-75	7	1	Kidney	granulomatous inflammation		
20064 A.2.3-75	540	20064A.2.3-75	6	8	Kidney	eosinophilic granular cells/endothelial granules		
20064 A.2.3-75	540	20064A.2.3-75	8	7	Kidney	Piscirickettsia salmonis		
20064 A.2.3-75	540	20064A.2.3-75	9	1	Heart	endothelial cell hypertrophy		
20064 A.2.3-75	540	20064A.2.3-75	11	3	spleen	peritonitis		
20064 A.2.3-75	540	20064A.2.3-75	10	7	Heart	Piscirickettsia salmonis		
20064 A.2.3-75	540	20064A.2.3-75	13	6	Intestine	peritonitis		
20064 A.2.3-75	540	20064A.2.3-75	12	7	spleen	Piscirickettsia salmonis		
20064 A.2.3-76	314	20064A.2.3-76	14	2	spleen	parenchymal golden pigment	lipofuscin	
20064 A.2.3-76	314	20064A.2.3-76	1	3	liver	lipidosis		
20064 A.2.3-76	314	20064A.2.3-76	15	4	spleen	granulomatous inflammation		
20064 A.2.3-76	314	20064A.2.3-76	2	2	liver	biliary preductular cell hyperplasia	not SRS	
20064 A.2.3-76	314	20064A.2.3-76	13	5	spleen	peritonitis		
20064 A.2.3-76	314	20064A.2.3-76	12	5	Heart	endothelial cell hypertrophy		
20064 A.2.3-76	314	20064A.2.3-76	11	1	Heart	epicarditis, histiocytic		
20064 A.2.3-76	314	20064A.2.3-76	10	1	Kidney	granulomatous inflammation		
20064 A.2.3-76	314	20064A.2.3-76	9	6	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.2.3-76	314	20064A.2.3-76	8	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)	
20064 A.2.3-76	314	20064A.2.3-76	7	1	liver	single cell necrosis/apoptosis		
20064 A.2.3-76	314	20064A.2.3-76	6	1	liver	amphiphilic/eosinophilic inclusion bodies		
20064 A.2.3-76	314	20064A.2.3-76	5	1	liver	sinusoidal congestion		
20064 A.2.3-76	314	20064A.2.3-76	4	1	liver	cholangitis/pericholangial leukocytes	hepatocytes	
20064 A.2.3-76	314	20064A.2.3-76	3	6	liver	basophilic cytoplasm	hepatocytes	
20064 A.2.3-76	314	20064A.2.3-76	16	3	Intestine	peritonitis		
20064 A.2.3-77	527	20064A.2.3-77	13	2	spleen	parenchymal golden pigment	lipofuscin	
20064 A.2.3-77	527	20064A.2.3-77	1	4	liver	lipidosis		
20064 A.2.3-77	527	20064A.2.3-77	14	4	Intestine	peritonitis		
20064 A.2.3-77	527	20064A.2.3-77	7	1	Kidney	intratubular (luminal) protein casts	hepatocytes	
20064 A.2.3-77	527	20064A.2.3-77	2	3	liver	basophilic cytoplasm	hepatocytes	
20064 A.2.3-77	527	20064A.2.3-77	4	2	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.2.3-77	527	20064A.2.3-77	6	2	Kidney	interstitial hemorrhage/congestion		
20064 A.2.3-77	527	20064A.2.3-77	8	1	Kidney	renal tubular necrosis		
20064 A.2.3-77	527	20064A.2.3-77	9	1	Heart	epicarditis, lymphoplasmacytic		
20064 A.2.3-77	527	20064A.2.3-77	10	1	Heart	epicarditis, histiocytic		
20064 A.2.3-77	527	20064A.2.3-77	12	5	spleen	peritonitis	granulomatous	
20064 A.2.3-77	527	20064A.2.3-77	3	1	liver	perivascular lymphocytes/leukocytes		
20064 A.2.3-77	527	20064A.2.3-77	11	1	Heart	endothelial cell hypertrophy		
20064 A.2.3-77	527	20064A.2.3-77	5	1	Kidney	golden renal pigment		
20064 A.2.4-78	1700	20064A.2.4-78	17	8	spleen	peritonitis		
20064 A.2.4-78	1700	20064A.2.4-78	15	2	Heart	endocarditis, histiocytic		
20064 A.2.4-78	1700	20064A.2.4-78	20	8	Intestine	peritonitis		
20064 A.2.4-78	1700	20064A.2.4-78	18	1	spleen	parenchymal golden pigment	lipofuscin	
20064 A.2.4-78	1700	20064A.2.4-78	16	1	Heart	endothelial cell hypertrophy		
20064 A.2.4-78	1700	20064A.2.4-78	6	1	liver	focal/multifocal parenchymal leukocytes		
20064 A.2.4-78	1700	20064A.2.4-78	1	5	liver	lipidosis		
20064 A.2.4-78	1700	20064A.2.4-78	2	1	liver	biliary preductular cell hyperplasia	(hepatocytes)	
20064 A.2.4-78	1700	20064A.2.4-78	3	3	liver	basophilic cytoplasm		
20064 A.2.4-78	1700	20064A.2.4-78	19	2	spleen	parenchymal fibrin		
20064 A.2.4-78	1700	20064A.2.4-78	5	1	liver	pigmented macrophages		
20064 A.2.4-78	1700	20064A.2.4-78	14	2	Heart	endocarditis, histiocytrophagocytosis		
20064 A.2.4-78	1700	20064A.2.4-78	7	1	liver	perivascular lymphocytes/leukocytes		
20064 A.2.4-78	1700	20064A.2.4-78	8	1	liver	sinusoidal congestion		
20064 A.2.4-78	1700	20064A.2.4-78	9	1	liver	necrosis/granulomatous hepatitis/peritonitis	vaccine reaction (?)	
20064 A.2.4-78	1700	20064A.2.4-78	10	5	Kidney	tubular epithelial protein (intracytoplasmic)	intracytoplasmic	
20064 A.2.4-78	1700	20064A.2.4-78	11	1	Kidney	interstitial hemorrhage/congestion		
20064 A.2.4-78	1700	20064A.2.4-78	12	1	Kidney	eosinophilic granular cells/endothelial granules		
20064 A.2.4-78	1700	20064A.2.4-78	13	1	Kidney	granulomatous inflammation		
20064 A.2.4-78	1700	20064A.2.4-78	4	4	liver	cholangitis/pericholangial leukocytes		
20064 A.2.4-79	404	20064A.2.4-79	17	3	Heart	Renibacterium salmoninarum		
20064 A.2.4-79	404	20064A.2.4-79	9	1	Kidney	interstitial cell hyperplasia	hematopoietic	
20064 A.2.4-79	404	20064A.2.4-79	22	6	spleen	peritonitis		
20064 A.2.4-79	404	20064A.2.4-79	21	1	spleen	Renibacterium salmoninarum		
20064 A.2.4-79	404	20064A.2.4-79	20	2	spleen	granulomatous inflammation	not SRS	
20064 A.2.4-79	404	20064A.2.4-79	19	6	spleen	parenchymal golden pigment	lipofuscin	
20064 A.2.4-79	404	20064A.2.4-79	18	9	spleen	peritonitis		
20064 A.2.4-79	404	20064A.2.4-79	2	1	liver	biliary preductular cell hyperplasia		
20064 A.2.4-79	404	20064A.2.4-79	7	1	liver	perivascular lymphocytes/leukocytes		
20064 A.2.4-79	404	20064A.2.4-79	11	2	Kidney	golden renal pigment		
20064 A.2.4-79	404	20064A.2.4-79	6	4	liver	pigmented macrophages		

20064 A.3.2-83	1401	20064A.3.2-83	4	2	liver	pigmented macrophages		
20064 A.3.2-83	1401	20064A.3.2-83	3	3	liver	focal/multifocal necrosis		
20064 A.3.2-83	1401	20064A.3.2-83	2	3	liver	biliary preductular cell hyperplasia		
20064 A.3.2-83	1401	20064A.3.2-83	1	5	liver	lipidosis		
20064 A.3.2-83	1401	20064A.3.2-83	6	1	liver	sinusoidal congestion		
20064 A.3.2-83	1401	20064A.3.2-83	11	1	Kidney	interstitial hemorrhage/congestion		
20064 A.3.2-84	1581	20064A.3.2-84	14	11	spleen	peritonitis		
20064 A.3.2-84	1581	20064A.3.2-84	7	1	Kidney	interstitial cell necrosis		
20064 A.3.2-84	1581	20064A.3.2-84	8	1	Kidney	renal tubular necrosis		
20064 A.3.2-84	1581	20064A.3.2-84	9	1	Kidney	granulomatous inflammation		
20064 A.3.2-84	1581	20064A.3.2-84	10	2	heart	epicarditis, lymphoplasmacytic		
20064 A.3.2-84	1581	20064A.3.2-84	11	1	heart	endocarditis, lymphoplasmacytic		
20064 A.3.2-84	1581	20064A.3.2-84	13	3	heart	endothelial cell hypertrophy		
20064 A.3.2-84	1581	20064A.3.2-84	3	4	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.3.2-84	1581	20064A.3.2-84	15	1	spleen	granulomatous inflammation	not SRS	
20064 A.3.2-84	1581	20064A.3.2-84	16	2	intestine	peritonitis		
20064 A.3.2-84	1581	20064A.3.2-84	12	5	heart	endocarditis, eosinophilic		
20064 A.3.2-84	1581	20064A.3.2-84	6	1	Kidney	interstitial hemorrhage/congestion		
20064 A.3.2-84	1581	20064A.3.2-84	4	1	Kidney	tubular dilation	of lumen	
20064 A.3.2-84	1581	20064A.3.2-84	2	8	liver	basophilic cytoplasm	hepatocytes	
20064 A.3.2-84	1581	20064A.3.2-84	1	3	liver	biliary preductular cell hyperplasia		
20064 A.3.2-84	1581	20064A.3.2-84	5	1	Kidney	mineralization		
20064 A.3.2-85	304	20064A.3.2-85	4	1	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.3.2-85	304	20064A.3.2-85	5	1	Kidney	interstitial hemorrhage/congestion		
20064 A.3.2-85	304	20064A.3.2-85	6	3	heart	epicarditis, lymphoplasmacytic		
20064 A.3.2-85	304	20064A.3.2-85	7	8	spleen	peritonitis		
20064 A.3.2-85	304	20064A.3.2-85	8	2	spleen	granulomatous inflammation	not SRS	loma
20064 A.3.2-85	304	20064A.3.2-85	9	1	intestine	peritonitis		
20064 A.3.2-85	304	20064A.3.2-85	3	10	liver	pigmented macrophages		
20064 A.3.2-85	304	20064A.3.2-85	1	4	liver	lipidosis		
20064 A.3.2-85	304	20064A.3.2-85	2	1	liver	focal/multifocal necrosis		
20064 A.3.2-86	306	20064A.3.2-86	9	1	Kidney	renal tubular necrosis		
20064 A.3.2-86	306	20064A.3.2-86	11	2	heart	endocarditis, lymphoplasmacytic		
20064 A.3.2-86	306	20064A.3.2-86	14	3	intestine	peritonitis		
20064 A.3.2-86	306	20064A.3.2-86	1	7	liver	lipidosis		
20064 A.3.2-86	306	20064A.3.2-86	12	5	spleen	peritonitis		
20064 A.3.2-86	306	20064A.3.2-86	10	2	heart	epicarditis, lymphoplasmacytic		
20064 A.3.2-86	306	20064A.3.2-86	8	1	Kidney	tubular dilation	of lumen	
20064 A.3.2-86	306	20064A.3.2-86	6	1	liver	amphophilic/eosinophilic inclusion bodies		
20064 A.3.2-86	306	20064A.3.2-86	5	1	liver	pigmented macrophages		
20064 A.3.2-86	306	20064A.3.2-86	4	7	liver	choolangitis/pericholangial leukocytes		
20064 A.3.2-86	306	20064A.3.2-86	3	1	liver	focal/multifocal necrosis		
20064 A.3.2-86	306	20064A.3.2-86	2	9	liver	biliary preductular cell hyperplasia		
20064 A.3.2-86	306	20064A.3.2-86	7	1	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.3.2-86	306	20064A.3.2-86	13	5	spleen	parenchymal golden pigment	lipofuscin	
20064 A.3.3-88	820	20064A.3.3-88	3	3	liver	focal/multifocal necrosis		
20064 A.3.3-88	820	20064A.3.3-88	14	4	intestine	peritonitis		
20064 A.3.3-88	820	20064A.3.3-88	13	4	spleen	peritonitis		
20064 A.3.3-88	820	20064A.3.3-88	12	1	heart	thrombosis		
20064 A.3.3-88	820	20064A.3.3-88	11	1	heart	endocarditis, lymphoplasmacytic		
20064 A.3.3-88	820	20064A.3.3-88	10	1	Kidney	granulomatous inflammation		
20064 A.3.3-88	820	20064A.3.3-88	9	1	Kidney	renal tubular necrosis		
20064 A.3.3-88	820	20064A.3.3-88	8	1	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.3.3-88	820	20064A.3.3-88	7	1	Kidney	interstitial cell hyperplasia	hematopoietic	
20064 A.3.3-88	820	20064A.3.3-88	5	1	liver	perivascular lymphocytes/leukocytes		
20064 A.3.3-88	820	20064A.3.3-88	1	3	liver	lipidosis		
20064 A.3.3-88	820	20064A.3.3-88	2	2	liver	biliary preductular cell hyperplasia		
20064 A.3.3-88	820	20064A.3.3-88	6	1	liver	granulomatous hepatitis/peritonitis		
20064 A.3.3-88	820	20064A.3.3-88	4	1	liver	basophilic cytoplasm	hepatocytes	
20064 A.3.3-90	1300	20064A.3.3-90	12	1	heart	endocarditis, lymphoplasmacytic		
20064 A.3.3-90	1300	20064A.3.3-90	8	1	Kidney	eosinophilic granular cells/endothelial granules		
20064 A.3.3-90	1300	20064A.3.3-90	1	4	liver	lipidosis		
20064 A.3.3-90	1300	20064A.3.3-90	2	2	liver	biliary preductular cell hyperplasia		
20064 A.3.3-90	1300	20064A.3.3-90	3	2	liver	choolangitis/pericholangial leukocytes		
20064 A.3.3-90	1300	20064A.3.3-90	4	2	liver	pigmented macrophages		
20064 A.3.3-90	1300	20064A.3.3-90	5	1	liver	sinusoidal congestion		
20064 A.3.3-90	1300	20064A.3.3-90	6	1	Kidney	golden renal pigment		
20064 A.3.3-90	1300	20064A.3.3-90	7	2	Kidney	tubular dilation	(of lumen)	
20064 A.3.3-90	1300	20064A.3.3-90	16	4	spleen	parenchymal golden pigment	lipofuscin	
20064 A.3.3-90	1300	20064A.3.3-90	11	1	heart	epicarditis, histiocytic		
20064 A.3.3-90	1300	20064A.3.3-90	13	1	heart	endocarditis, histiocytic		
20064 A.3.3-90	1300	20064A.3.3-90	14	1	heart	Renibacterium salmoninarum		
20064 A.3.3-90	1300	20064A.3.3-90	15	1	spleen	peritonitis		
20064 A.3.3-90	1300	20064A.3.3-90	9	1	Kidney	Renibacterium salmoninarum		
20064 A.3.3-90	1300	20064A.3.3-90	10	2	heart	myocardial karyomegaly/megalocytosis		
20064 A.3.3-90	1300	20064A.3.3-90	17	2	intestine	peritonitis		
20064 A.3.3-91	465	20064A.3.3-91	8	1	Kidney	golden renal pigment		
20064 A.3.3-91	465	20064A.3.3-91	7	1	Kidney	tubular epithelial protein	intracytoplasmic	
20064 A.3.3-91	465	20064A.3.3-91	6	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction?	
20064 A.3.3-91	465	20064A.3.3-91	3	2	liver	basophilic cytoplasm	hepatocytes	
20064 A.3.3-91	465	20064A.3.3-91	2	2	liver	focal multifocal necrosis		
20064 A.3.3-91	465	20064A.3.3-91	12	3	heart	epicarditis, histiocytic		
20064 A.3.3-91	465	20064A.3.3-91	9	1	Kidney	interstitial hemorrhage/congestion		
20064 A.3.3-91	465	20064A.3.3-91	1	3	liver	lipidosis		
20064 A.3.3-91	465	20064A.3.3-91	11	1	Kidney	renal tubular necrosis		
20064 A.3.3-91	465	20064A.3.3-91	4	1	liver	pigmented macrophages		
20064 A.3.3-91	465	20064A.3.3-91	13	3	heart	endocarditis, lymphoplasmacytic		
20064 A.3.3-91	465	20064A.3.3-91	14	9	spleen	peritonitis		
20064 A.3.3-91	465	20064A.3.3-91	5	1	liver	perivascular lymphocytes	leucocytes	
20064 A.3.3-91	465	20064A.3.3-91	16	5	intestine	peritonitis		
20064 A.3.3-91	465	20064A.3.3-91	10	1	Kidney	eosinophilic granular cells/endothelial granules		
20064 A.3.3-91	465	20064A.3.3-91	15	1	spleen	parenchymal golden pigment (lipofuscin)		
20064 A.3.3-92	728	20064A.3.3-92	14	3	spleen	peritonitis	granulomatous	
20064 A.3.3-92	728	20064A.3.3-92	7	1	Kidney	interstitial hemorrhage/congestion		
20064 A.3.3-92	728	20064A.3.3-92	8	1	Kidney	eosinophilic granular cells/endothelial granules		
20064 A.3.3-92	728	20064A.3.3-92	9	1	Kidney	renal tubular necrosis		
20064 A.3.3-92	728	20064A.3.3-92	10	1	heart	myocardial karyomegaly/megalocytosis		
20064 A.3.3-92	728	20064A.3.3-92	11	2	heart	epicarditis, lymphoplasmacytic		
20064 A.3.3-92	728	20064A.3.3-92	6	1	Kidney	golden renal pigment		
20064 A.3.3-92	728	20064A.3.3-92	13	2	heart	endocarditis, lymphoplasmacytic		
20064 A.3.3-92	728	20064A.3.3-92	2	2	heart	biliary preductular cell hyperplasia		
20064 A.3.3-92	728	20064A.3.3-92	15	4	spleen	parenchymal golden pigment	lipofuscin	
20064 A.3.3-92	728	20064A.3.3-92	16	3	intestine	peritonitis		
20064 A.3.3-92	728	20064A.3.3-92	12	1	heart	epicarditis histiocytic		
20064 A.3.3-92	728	20064A.3.3-92	5	2	Kidney	interstitial cell hyperplasia	hematopoietic	
20064 A.3.3-92	728	20064A.3.3-92	6	1	liver	focal/multifocal necrosis		
20064 A.3.3-92	728	20064A.3.3-92	1	8	liver	lipidosis		
20064 A.3.3-92	728	20064A.3.3-92	4	1	liver	choolangitis/pericholangial leukocytes		
20064 P.2-20	1596	20064P.2-20	13	4	Kidney	membranous glomerulonephritis		
20064 P.2-20	1596	20064P.2-20	23	2	gill	Loma salmonae		
20064 P.2-20	1596	20064P.2-20	14	1	Kidney	granulomatous inflammation		
20064 P.2-20	1596	20064P.2-20	15	4	Kidney	Piscirickettsia salmonis		
20064 P.2-20	1596	20064P.2-20	16	3	heart	epicarditis, lymphoplasmacytic		
20064 P.2-20	1596	20064P.2-20	17	1	heart	Piscirickettsia salmonis		
20064 P.2-20	1596	20064P.2-20	18	1	heart	Loma salmonae		
20064 P.2-20	1596	20064P.2-20	19	2	spleen	peritonitis		
20064 P.2-20	1596	20064P.2-20	20	5	spleen	parenchymal golden pigment	lipofuscin	
20064 P.2-20	1596	20064P.2-20	21	4	spleen	Piscirickettsia salmonis		
20064 P.2-20	1596	20064P.2-20	22	1	spleen	Loma salmonae		
20064 P.2-20	1596	20064P.2-20	2	3	liver	biliary preductular cell hyperplasia		
20064 P.2-20	1596	20064P.2-20	10	7	Kidney	tubular epithelial protein	intracytoplasmic	
20064 P.2-20	1596	20064P.2-20	12	1	Kidney	renal tubular necrosis		
20064 P.2-20	1596	20064P.2-20	1	13	liver	lipidosis		
20064 P.2-20	1596	20064P.2-20	3	1	liver	focal/multifocal necrosis		
20064 P.2-20	1596	20064P.2-20	4	1	liver	basophilic cytoplasm	hepatocytes	
20064 P.2-20	1596	20064P.2-20	5	2	liver	choolangitis/pericholangial leukocytes		
20064 P.2-20	1596	20064P.2-20	6	1	liver	focal/multifocal parenchymal leukocytes		
20064 P.2-20	1596	20064P.2-20	7	1	liver	sinusoidal fibrin		
20064 P.2-20	1596	20064P.2-20	8	4	liver	Piscirickettsia salmonis		
20064 P.2-20	1596	20064P.2-20	9	1	Kidney	interstitial cell hyperplasia	hematopoietic	
20064 P.2-20	1596	20064P.2-20	11	1	Kidney	interstitial hemorrhage/congestion		
20064 P.2-21	776	20064P.2-21	34	1	gill	granulomatous inflammation (not GRS)		
20064 P.2-21	776	20064P.2-21	27	2	spleen	parenchymal golden pigment	lipofuscin	
20064 P.2-21	776	20064P.2-21	21	1	heart	thrombosis		
20064 P.2-21	776	20064P.2-21	22	1	heart	granulomatous inflammation		
20064 P.2-21	776	20064P.2-21	23	3	heart	Renibacterium salmoninarum		
20064 P.2-21	776	20064P.2-21	24	3	heart	Piscirickettsia salmonis		
20064 P.2-21	776	20064P.2-21	25	1	heart	Loma salmonae		
20064 P.2-21	776	20064P.2-21	26	2	spleen	peritonitis		
20064 P.2-21	776	20064P.2-21	20	1	heart	endocarditis, histiocytic		
20064 P.2-21	776	20064P.2-21	28	1	spleen	parenchymal fibrin		
20064 P.2-21	776	20064P.2-21	29	2	spleen	Renibacterium salmoninarum		
20064 P.2-21	776	20064P						

20064 P.3-24	137	20064 P.3-24	7	17	Kidney	tubular epithelial protein	(intracytoplasmic)	
20064 P.3-24	137	20064 P.3-24	8	23	Kidney	interstitial (hemaphysometric) cell hyperplasia		
20064 P.3-24	137	20064 P.3-24	5	1	Liver	focal/multifocal/multifocal parenchymal leucocytes		
20064 P.3-24	137	20064 P.3-24	4	1	liver	perivascular lymphocytes/leucocytes		
20064 P.3-24	137	20064 P.3-24	11	1	kidney	granulomatous inflammation		
20064 P.3-24	137	20064 P.3-24	3	1	liver	sinusoidal fibrin		
20071 A.2.3-1	1148	20071 A.2.3-1	4	2	liver	single cell necrosis/apoptosis		
20071 A.2.3-1	1148	20071 A.2.3-1	11	2	brain	microspodium cerebri		
20071 A.2.3-1	1148	20071 A.2.3-1	10	2	intestine	peritonitis		
20071 A.2.3-1	1148	20071 A.2.3-1	9	3	spleen	parenchymal golden pigment		
20071 A.2.3-1	1148	20071 A.2.3-1	8	1	spleen	peritonitis		
20071 A.2.3-1	1148	20071 A.2.3-1	7	1	Heart	epicarditis, lymphoplasmacytic		
20071 A.2.3-1	1148	20071 A.2.3-1	5	1	kidney	eosinophilic granular cells	endothelial granules	
20071 A.2.3-1	1148	20071 A.2.3-1	3	1	liver	basophilic cytoplasm (hepatocytes)		
20071 A.2.3-1	1148	20071 A.2.3-1	2	1	liver	focal/multifocal necrosis		
20071 A.2.3-1	1148	20071 A.2.3-1	1	3	liver	lipidosis		
20071 A.2.3-1	1148	20071 A.2.3-1	6	1	heart	myocardial karyomegaly/megalocytosis		
20071 A.2.3-2	527	20071 A.2.3-2	11	1	heart	endocarditis	histiocytic	
20071 A.2.3-2	527	20071 A.2.3-2	19	1	brain	meningitis and/or encephalitis		
20071 A.2.3-2	527	20071 A.2.3-2	18	2	intestine	mesenteric capillary congestion		
20071 A.2.3-2	527	20071 A.2.3-2	17	3	intestine	peritonitis		
20071 A.2.3-2	527	20071 A.2.3-2	16	1	Spleen	granulomatous inflammation	(not SRS)	
20071 A.2.3-2	527	20071 A.2.3-2	15	1	spleen	parenchymal golden pigment	(lipofuscin)	
20071 A.2.3-2	527	20071 A.2.3-2	14	4	spleen	peritonitis		
20071 A.2.3-2	527	20071 A.2.3-2	20	1	brain	capillary (vascular) congestion		
20071 A.2.3-2	527	20071 A.2.3-2	12	3	Heart	endothelial cell hypertrophy		
20071 A.2.3-2	527	20071 A.2.3-2	2	1	liver	focal/multifocal necrosis		
20071 A.2.3-2	527	20071 A.2.3-2	13	1	Heart	granulomatous inflammation		
20071 A.2.3-2	527	20071 A.2.3-2	10	1	Heart	epicarditis	histiocytic	
20071 A.2.3-2	527	20071 A.2.3-2	1	8	liver	lipidosis		
20071 A.2.3-2	527	20071 A.2.3-2	3	1	liver	basophilic cytoplasm	(hepatocytes)	
20071 A.2.3-2	527	20071 A.2.3-2	4	1	liver	perivascular lymphocytes/leucocytes		
20071 A.2.3-2	527	20071 A.2.3-2	5	1	liver	single cell necrosis/apoptosis		
20071 A.2.3-2	527	20071 A.2.3-2	8	2	Kidney	tubular epithelial protein	(intracytoplasmic)	
20071 A.2.3-2	527	20071 A.2.3-2	7	3	kidney	interstitial hemorrhage/congestion		
20071 A.2.3-2	527	20071 A.2.3-2	8	5	Kidney	renal tubular necrosis		
20071 A.2.3-2	527	20071 A.2.3-2	9	2	heart	epicarditis, lymphoplasmacytic		
20071 A.2.3-3	540	20071 A.2.3-3	8	4	Liver	bilary preductular cell hyperplasia		
20071 A.2.3-3	540	20071 A.2.3-3	14	4	brain	hemorrhage		
20071 A.2.3-3	540	20071 A.2.3-3	13	5	intestine	peritonitis		
20071 A.2.3-3	540	20071 A.2.3-3	12	3	spleen	parenchymal golden pigment	(lipofuscin)	
20071 A.2.3-3	540	20071 A.2.3-3	11	2	spleen	peritonitis		
20071 A.2.3-3	540	20071 A.2.3-3	9	2	liver	choangitis/pericholangial leucocytes	(not MEN or BRS)	
20071 A.2.3-3	540	20071 A.2.3-3	15	1	brain	granulomatous inflammation		
20071 A.2.3-3	540	20071 A.2.3-3	6	2	heart	endothelial cell hypertrophy		
20071 A.2.3-3	540	20071 A.2.3-3	5	1	heart	endocarditis, histiocytic		
20071 A.2.3-3	540	20071 A.2.3-3	4	1	heart	endocarditis, lymphoplasmacytic		
20071 A.2.3-3	540	20071 A.2.3-3	3	1	Heart	epicarditis, histiocytic		
20071 A.2.3-3	540	20071 A.2.3-3	2	2	heart	myocardial karyomegaly/megalocytosis		
20071 A.2.3-3	540	20071 A.2.3-3	11	1	Kidney	tubular epithelial protein	(intracytoplasmic)	
20071 A.2.3-3	540	20071 A.2.3-3	7	4	liver	lipidosis		
20071 A.2.3-3	540	20071 A.2.3-3	10	1	liver	perivascular lymphocytes/leucocytes		
20071 A.2.3-4	314	20071 A.2.3-4	20	4	intestine	mesenteric capillary congestion		
20071 A.2.3-4	314	20071 A.2.3-4	14	9	Kidney	renal tubular necrosis		
20071 A.2.3-4	314	20071 A.2.3-4	15	1	kidney	granulomatous inflammation		
20071 A.2.3-4	314	20071 A.2.3-4	16	2	Heart	epicarditis, histiocytic		
20071 A.2.3-4	314	20071 A.2.3-4	17	3	Heart	endothelial cell hypertrophy		
20071 A.2.3-4	314	20071 A.2.3-4	18	10	spleen	peritonitis		
20071 A.2.3-4	314	20071 A.2.3-4	19	7	intestine	peritonitis		
20071 A.2.3-4	314	20071 A.2.3-4	21	2	brain	hemorrhage		
20071 A.2.3-4	314	20071 A.2.3-4	11	2	kidney	tubular epithelial protein	(intracytoplasmic)	
20071 A.2.3-4	314	20071 A.2.3-4	12	7	kidney	interstitial hemorrhage congestion		
20071 A.2.3-4	314	20071 A.2.3-4	13	1	kidney	interstitial fibrin		
20071 A.2.3-4	314	20071 A.2.3-4	2	4	Liver	bilary preductular cell hyperplasia		
20071 A.2.3-4	314	20071 A.2.3-4	3	1	liver	focal/multifocal necrosis		
20071 A.2.3-4	314	20071 A.2.3-4	4	2	liver	basophilic cytoplasm		
20071 A.2.3-4	314	20071 A.2.3-4	5	3	liver	choiangitis/pericholangial leucocytes		
20071 A.2.3-4	314	20071 A.2.3-4	6	1	liver	perivascular lymphocytes/leucocytes		
20071 A.2.3-4	314	20071 A.2.3-4	7	2	liver	sinusoidal congestion		
20071 A.2.3-4	314	20071 A.2.3-4	8	1	liver	amphophilic/eosinophilic inclusion bodies		
20071 A.2.3-4	314	20071 A.2.3-4	9	1	liver	single cell necrosis/apoptosis		
20071 A.2.3-4	314	20071 A.2.3-4	10	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction?	
20071 A.2.3-4	314	20071 A.2.3-4	1	3	liver	lipidosis		
20071 A.2.4-5	1863	20071 A.2.4-5	1	2	spleen	lipidosis		
20071 A.2.4-5	1863	20071 A.2.4-5	3	1	brain	capillary (vascular) congestion		
20071 A.2.4-6	1738	20071 A.2.4-6	9	1	Heart	epicarditis, histiocytic		
20071 A.2.4-6	1738	20071 A.2.4-6	10	1	heart	endocarditis, lymphoplasmacytic		
20071 A.2.4-6	1738	20071 A.2.4-6	15	5	brain	capillary (vascular) congestion		
20071 A.2.4-6	1738	20071 A.2.4-6	14	5	brain	hemorrhage		
20071 A.2.4-6	1738	20071 A.2.4-6	13	8	intestine	peritonitis		
20071 A.2.4-6	1738	20071 A.2.4-6	12	7	spleen	peritonitis		
20071 A.2.4-6	1738	20071 A.2.4-6	2	1	liver	focal/multifocal necrosis		
20071 A.2.4-6	1738	20071 A.2.4-6	11	3	heart	endothelial cell hypertrophy		
20071 A.2.4-6	1738	20071 A.2.4-6	1	1	liver	lipidosis		
20071 A.2.4-6	1738	20071 A.2.4-6	3	1	liver	basophilic cytoplasm	(hepatocytes)	
20071 A.2.4-6	1738	20071 A.2.4-6	4	3	liver	sinusoidal congestion		
20071 A.2.4-6	1738	20071 A.2.4-6	5	1	liver	amphophilic/eosinophilic inclusion bodies		
20071 A.2.4-6	1738	20071 A.2.4-6	6	8	kidney	tubular epithelial protein	(intracytoplasmic)	
20071 A.2.4-6	1738	20071 A.2.4-6	7	2	Kidney	granulomatous inflammation		
20071 A.2.4-6	1738	20071 A.2.4-6	8	1	heart	myocardial karyomegaly/megalocytosis		
20071 A.2.4-7	1700	20071 A.2.4-7	7	1	Heart	myocardial karyomegaly/megalocytosis	(not SRS)	
20071 A.2.4-7	1700	20071 A.2.4-7	14	1	Spleen	granulomatous inflammation		
20071 A.2.4-7	1700	20071 A.2.4-7	20	3	brain	microspodium cerebri		
20071 A.2.4-7	1700	20071 A.2.4-7	19	4	brain	hemorrhage		
20071 A.2.4-7	1700	20071 A.2.4-7	18	1	intestine	renibacterium salmoninarum		
20071 A.2.4-7	1700	20071 A.2.4-7	17	1	intestine	mesenteric capillary congestion		
20071 A.2.4-7	1700	20071 A.2.4-7	16	5	intestine	peritonitis		
20071 A.2.4-7	1700	20071 A.2.4-7	15	1	Spleen	Renibacterium salmoninarum		
20071 A.2.4-7	1700	20071 A.2.4-7	21	4	brain	capillary (vascular) congestion		
20071 A.2.4-7	1700	20071 A.2.4-7	2	1	Liver	bilary preductular cell hyperplasia		
20071 A.2.4-7	1700	20071 A.2.4-7	9	2	Heart	endocarditis, lymphoplasmacytic		
20071 A.2.4-7	1700	20071 A.2.4-7	11	6	liver	lipidosis		
20071 A.2.4-7	1700	20071 A.2.4-7	13	3	Spleen	parenchymal golden pigment	(lipofuscin)	
20071 A.2.4-7	1700	20071 A.2.4-7	3	2	liver	basophilic cytoplasm	(hepatocytes)	
20071 A.2.4-7	1700	20071 A.2.4-7	4	1	liver	choiangitis/pericholangial leucocytes		
20071 A.2.4-7	1700	20071 A.2.4-7	5	1	liver	sinusoidal congestion		
20071 A.2.4-7	1700	20071 A.2.4-7	8	3	Heart	epicarditis, lymphoplasmacytic		
20071 A.2.4-7	1700	20071 A.2.4-7	10	3	Heart	endothelial cell hypertrophy		
20071 A.2.4-7	1700	20071 A.2.4-7	11	1	heart	Renibacterium salmoninarum		
20071 A.2.4-7	1700	20071 A.2.4-7	12	6	spleen	peritonitis		
20071 A.2.4-7	1700	20071 A.2.4-7	6	1	Renibacterium salmoninarum			
20071 A.2.4-8	1237	20071 A.2.4-8	29	1	brain	Piscirickettsia salmonis		
20071 A.2.4-8	1237	20071 A.2.4-8	20	2	spleen	peritonitis		
20071 A.2.4-8	1237	20071 A.2.4-8	22	1	spleen	parenchymal fibrin		
20071 A.2.4-8	1237	20071 A.2.4-8	23	2	spleen	granulomatous inflammation (not SRS)		
20071 A.2.4-8	1237	20071 A.2.4-8	24	3	intestine	peritonitis		
20071 A.2.4-8	1237	20071 A.2.4-8	25	1	intestine	granulomatous inflammation (not IRS)		
20071 A.2.4-8	1237	20071 A.2.4-8	26	4	brain	hemorrhage		
20071 A.2.4-8	1237	20071 A.2.4-8	30	1	gill	Renibacterium salmoninarum		
20071 A.2.4-8	1237	20071 A.2.4-8	28	1	brain	renibacterium salmoninarum		
20071 A.2.4-8	1237	20071 A.2.4-8	18	1	Heart	endothelial cell hypertrophy		
20071 A.2.4-8	1237	20071 A.2.4-8	19	1	Heart	Renibacterium salmoninarum		
20071 A.2.4-8	1237	20071 A.2.4-8	27	6	brain	capillary (vascular) congestion		
20071 A.2.4-8	1237	20071 A.2.4-8	8	1	liver	sinusoidal fibrin		
20071 A.2.4-8	1237	20071 A.2.4-8	3	1	liver	focal/multifocal necrosis		
20071 A.2.4-8	1237	20071 A.2.4-8	4	1	liver	choiangitis/pericholangial leucocytes		
20071 A.2.4-8	1237	20071 A.2.4-8	17	1	Heart	endocarditis, lymphohistiocytic		
20071 A.2.4-8	1237	20071 A.2.4-8	5	4	liver	pigmented macrophages		
20071 A.2.4-8	1237	20071 A.2.4-8	21	3	spleen	parenchymal golden pigment	lipofuscin	
20071 A.2.4-8	1237	20071 A.2.4-8	7	1	liver	amphophilic/eosinophilic inclusion bodies		
20071 A.2.4-8	1237	20071 A.2.4-8	9	1	liver	Renibacterium salmoninarum		
20071 A.2.4-8	1237	20071 A.2.4-8	10	2	kidney	tubular epithelial protein	(intracytoplasmic)	
20071 A.2.4-8	1237	20071 A.2.4-8	11	1	kidney	interstitial hemorrhage/congestion		
20071 A.2.4-8	1237	20071 A.2.4-8	12	1	kidney	eosinophilic granular cells/endothelial granules		
20071 A.2.4-8	1237	20071 A.2.4-8	13	1	kidney	Renibacterium salmoninarum		
20071 A.2.4-8	1237	20071 A.2.4-8	14	1	Heart	myocardial karyomegaly/megalocytosis		
20071 A.2.4-8	1237	20071 A.2.4-8	15	4	Heart	epicarditis, lymphohistiocytic		
20071 A.2.4-8	1237	20071 A.2.4-8	12	1	liver	bilary preductular cell hyperplasia		
20071 A.2.4-8	1237	20071 A.2.4-8	16	1	Heart	epicarditis, histiocytic		
20071 A.2.4-8	1237	20071 A.2.4-8	1	6	liver	lipidosis		
20071 A.2.4-8	1237	20071 A.2.4-8	6	2	liver	sinusoidal congestion		
20071 A.3.2-10	378	20071 A.3.2-10	3	1	liver	choiangitis/pericholangial leucocytes		
20071 A.3.2-10	378	20071 A.3.2-10	14	7	spleen	peritonitis		
20071 A.3.2-10	378	20071 A.3.2-10	19	4	brain	capillary		

20071 A.3.2-11	100	20071 A.3.2-11	11	1	kidney	golden renal pigment		
20071 A.3.2-11	100	20071 A.3.2-11	10	1	kidney	tubular epithelial protein	intracytoplasmic	
20071 A.3.2-11	100	20071 A.3.2-11	16	3	Heart	granulomatous inflammation		
20071 A.3.2-12	211	20071 A.3.2-12	14	1	Heart	endocarditis, histiocytic		
20071 A.3.2-12	211	20071 A.3.2-12	8	6	kidney	interstitial hemorrhage/congestion		
20071 A.3.2-12	211	20071 A.3.2-12	20	1	brain	meningitis and/or encephalitis		
20071 A.3.2-12	211	20071 A.3.2-12	19	10	brain	capillary (vascular) congestion		
20071 A.3.2-12	211	20071 A.3.2-12	18	5	brain	hemorrhage		
20071 A.3.2-12	211	20071 A.3.2-12	17	4	intestine	peritonitis		
20071 A.3.2-12	211	20071 A.3.2-12	16	1	spleen	granulomatous inflammation (not SRS)		
20071 A.3.2-12	211	20071 A.3.2-12	15	7	spleen	peritonitis		
20071 A.3.2-12	211	20071 A.3.2-12	6	1	liver	granulomatous hepatitis/peritonitis,	vaccine reaction (?)	
20071 A.3.2-12	211	20071 A.3.2-12	11	7	liver	lipidosis		
20071 A.3.2-12	211	20071 A.3.2-12	2	3	liver	focal/multifocal necrosis		
20071 A.3.2-12	211	20071 A.3.2-12	3	2	liver	choangitis/pericholangial leukocytes		
20071 A.3.2-12	211	20071 A.3.2-12	10	2	Heart	myocardial karyomegaly/megalocytosis		
20071 A.3.2-12	211	20071 A.3.2-12	5	3	liver	sinusoidal congestion		
20071 A.3.2-12	211	20071 A.3.2-12	13	1	Heart	endocarditis, lymphohistiocytic		
20071 A.3.2-12	211	20071 A.3.2-12	7	11	Kidney	tubular epithelial protein	intracytoplasmic	
20071 A.3.2-12	211	20071 A.3.2-12	9	4	Kidney	renal tubular necrosis		
20071 A.3.2-12	211	20071 A.3.2-12	11	7	Heart	epicarditis, lymphohistiocytic		
20071 A.3.2-12	211	20071 A.3.2-12	12	1	Heart	epicarditis, histiocytic		
20071 A.3.2-12	211	20071 A.3.2-12	4	2	liver	perivascular lymphocytes/leukocytes		
20071 A.3.2-13	1164	20071 A.3.2-13	4	3	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)	
20071 A.3.2-13	1164	20071 A.3.2-13	11	6	intestine	peritonitis		
20071 A.3.2-13	1164	20071 A.3.2-13	13	6	brain	capillary (vascular) congestion		
20071 A.3.2-13	1164	20071 A.3.2-13	12	2	brain	hemorrhage		
20071 A.3.2-13	1164	20071 A.3.2-13	8	8	spleen	peritonitis		
20071 A.3.2-13	1164	20071 A.3.2-13	8	1	Heart	endothelial cell hypertrophy		
20071 A.3.2-13	1164	20071 A.3.2-13	7	6	Heart	endocarditis, eosinophilic		
20071 A.3.2-13	1164	20071 A.3.2-13	1	1	liver	choangitis/pericholangial leukocytes		
20071 A.3.2-13	1164	20071 A.3.2-13	2	1	liver	focal/multifocal parenchymal leukocytes		
20071 A.3.2-13	1164	20071 A.3.2-13	3	1	liver	perivascular lymphocytes/leukocytes		
20071 A.3.2-13	1164	20071 A.3.2-13	8	4	kidney	interstitial hemorrhage/congestion	intracytoplasmic	
20071 A.3.2-13	1164	20071 A.3.2-13	10	2	spleen	granulomatous inflammation (not SRS)		
20071 A.3.2-14	304	20071 A.3.2-14	12	2	spleen	parenchymal golden pigment	lipofuscin	
20071 A.3.2-14	304	20071 A.3.2-14	17	2	brain	granulomatous inflammation (not MEN or BRS)		
20071 A.3.2-14	304	20071 A.3.2-14	16	1	brain	capillary (vascular) congestion		
20071 A.3.2-14	304	20071 A.3.2-14	15	3	brain	hemorrhage		
20071 A.3.2-14	304	20071 A.3.2-14	13	2	intestine	peritonitis		
20071 A.3.2-14	304	20071 A.3.2-14	3	1	liver	choangitis/pericholangial leukocytes		
20071 A.3.2-14	304	20071 A.3.2-14	1	4	liver	lipidosis		
20071 A.3.2-14	304	20071 A.3.2-14	14	1	intestine	mesenteric capillary congestion		
20071 A.3.2-14	304	20071 A.3.2-14	2	1	liver	basophilic cytoplasm	hepatocytes	
20071 A.3.2-14	304	20071 A.3.2-14	11	1	spleen	peritonitis		
20071 A.3.2-14	304	20071 A.3.2-14	4	4	liver	pigmented macrophages		
20071 A.3.2-14	304	20071 A.3.2-14	5	1	liver	single cell necrosis	apoptosis	hydropic degeneration
20071 A.3.2-14	304	20071 A.3.2-14	6	1	kidney	golden renal pigment		
20071 A.3.2-14	304	20071 A.3.2-14	7	1	kidney	interstitial hemorrhage/congestion		
20071 A.3.2-14	304	20071 A.3.2-14	8	1	Heart	epicarditis, lymphohistiocytic		
20071 A.3.2-14	304	20071 A.3.2-14	9	2	Heart	endocarditis, lymphohistiocytic		
20071 A.3.2-14	304	20071 A.3.2-14	10	2	Heart	endothelial cell hypertrophy		
20071 A.3.3-15	141	20071 A.3.3-15	18	1	brain	microspordium cerebritis		
20071 A.3.3-15	141	20071 A.3.3-15	17	3	brain	capillary (vascular) congestion		
20071 A.3.3-15	141	20071 A.3.3-15	16	2	brain	hemorrhage		
20071 A.3.3-15	141	20071 A.3.3-15	15	3	intestine	peritonitis		
20071 A.3.3-15	141	20071 A.3.3-15	14	2	spleen	parenchymal golden pigment	lipofuscin	
20071 A.3.3-15	141	20071 A.3.3-15	13	1	spleen	leukocytic karyomehais		
20071 A.3.3-15	141	20071 A.3.3-15	10	1	Heart	endocarditis, histiocytic		
20071 A.3.3-15	141	20071 A.3.3-15	4	2	kidney	interstitial hemorrhage/congestion		
20071 A.3.3-15	141	20071 A.3.3-15	9	1	Heart	endocarditis, lymphohistiocytic		
20071 A.3.3-15	141	20071 A.3.3-15	8	1	Heart	epicarditis, lymphohistiocytic		
20071 A.3.3-15	141	20071 A.3.3-15	7	2	Heart	myocardial karyomegaly/megalocytosis		
20071 A.3.3-15	141	20071 A.3.3-15	6	1	kidney	renal tubular necrosis		
20071 A.3.3-15	141	20071 A.3.3-15	5	1	kidney	eosinophilic granular cells/endothelial granules		
20071 A.3.3-15	141	20071 A.3.3-15	12	2	spleen	peritonitis		
20071 A.3.3-15	141	20071 A.3.3-15	11	1	Heart	thrombosis		
20071 A.3.3-15	141	20071 A.3.3-15	1	1	liver	lipidosis		
20071 A.3.3-15	141	20071 A.3.3-15	2	1	liver	pigmented macrophages		
20071 A.3.3-15	141	20071 A.3.3-15	3	1	liver	sinusoidal congestion		
20071 A.3.3-16	819	20071 A.3.3-16	17	2	Heart	endocarditis, lymphohistiocytic		
20071 A.3.3-16	819	20071 A.3.3-16	19	1	Heart	thrombosis		
20071 A.3.3-16	819	20071 A.3.3-16	20	6	spleen	peritonitis		
20071 A.3.3-16	819	20071 A.3.3-16	21	6	intestine	peritonitis		
20071 A.3.3-16	819	20071 A.3.3-16	15	1	Heart	myocardial karyomegaly/megalocytosis		
20071 A.3.3-16	819	20071 A.3.3-16	23	1	brain	hemorrhage		
20071 A.3.3-16	819	20071 A.3.3-16	16	5	Heart	epicarditis, lymphohistiocytic		
20071 A.3.3-16	819	20071 A.3.3-16	22	2	intestine	mesenteric capillary congestion		
20071 A.3.3-16	819	20071 A.3.3-16	4	2	liver	basophilic cytoplasm	hepatocytes	
20071 A.3.3-16	819	20071 A.3.3-16	1	6	liver	lipidosis		
20071 A.3.3-16	819	20071 A.3.3-16	2	4	liver	biliary productular cell hyperplasia		
20071 A.3.3-16	819	20071 A.3.3-16	18	6	Heart	endothelial cell hypertrophy		
20071 A.3.3-16	819	20071 A.3.3-16	3	2	liver	focal/multifocal necrosis		
20071 A.3.3-16	819	20071 A.3.3-16	14	1	kidney	membranous glomerulonephritis		
20071 A.3.3-16	819	20071 A.3.3-16	5	1	liver	perivascular lymphocytes/leukocytes		
20071 A.3.3-16	819	20071 A.3.3-16	6	3	liver	sinusoidal congestion		
20071 A.3.3-16	819	20071 A.3.3-16	7	2	liver	amphophilic/eosinophilic inclusion bodies		
20071 A.3.3-16	819	20071 A.3.3-16	13	3	kidney	renal tubular necrosis		
20071 A.3.3-16	819	20071 A.3.3-16	9	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)	
20071 A.3.3-16	819	20071 A.3.3-16	10	4	kidney	tubular epithelial protein	intracytoplasmic of lumen	
20071 A.3.3-16	819	20071 A.3.3-16	11	1	kidney	tubular dilation		
20071 A.3.3-16	819	20071 A.3.3-16	12	6	kidney	interstitial hemorrhage/congestion		
20071 A.3.3-16	819	20071 A.3.3-16	8	2	liver	single cell necrosis/apoptosis	hydropic degeneration	
20071 A.3.3-17	1825	20071 A.3.3-17	22	1	spleen	granulomatous inflammation (not SRS)		
20071 A.3.3-17	1825	20071 A.3.3-17	23	1	spleen	Renibacterium salmoninarum		
20071 A.3.3-17	1825	20071 A.3.3-17	24	3	intestine	peritonitis		
20071 A.3.3-17	1825	20071 A.3.3-17	25	1	intestine	mesenteric capillary congestion		
20071 A.3.3-17	1825	20071 A.3.3-17	26	1	intestine	Renibacterium salmoninarum		
20071 A.3.3-17	1825	20071 A.3.3-17	27	9	brain	hemorrhage		
20071 A.3.3-17	1825	20071 A.3.3-17	30	1	gill	Renibacterium salmoninarum		
20071 A.3.3-17	1825	20071 A.3.3-17	29	1	brain	meningitis and/or encephalitis		
20071 A.3.3-17	1825	20071 A.3.3-17	10	1	kidney	intratubular (luminal) protein casts		
20071 A.3.3-17	1825	20071 A.3.3-17	21	1	spleen	parenchymal golden pigment (lipofuscin)		
20071 A.3.3-17	1825	20071 A.3.3-17	28	6	brain	capillary (vascular) congestion		
20071 A.3.3-17	1825	20071 A.3.3-17	6	1	liver	amphophilic/eosinophilic inclusion bodies		
20071 A.3.3-17	1825	20071 A.3.3-17	1	3	liver	lipidosis		
20071 A.3.3-17	1825	20071 A.3.3-17	2	1	liver	biliary productular cell hyperplasia		
20071 A.3.3-17	1825	20071 A.3.3-17	3	3	liver	basophilic cytoplasm	hepatocytes	
20071 A.3.3-17	1825	20071 A.3.3-17	12	1	kidney	Renibacterium salmoninarum		
20071 A.3.3-17	1825	20071 A.3.3-17	5	1	liver	sinusoidal congestion		
20071 A.3.3-17	1825	20071 A.3.3-17	20	4	spleen	peritonitis		
20071 A.3.3-17	1825	20071 A.3.3-17	7	1	liver	single cell necrosis	apoptosis/hydropic degeneration	
20071 A.3.3-17	1825	20071 A.3.3-17	8	1	liver	granulomatous hepatitis	peritonitis, vaccine reaction (?)	
20071 A.3.3-17	1825	20071 A.3.3-17	18	1	Heart	thrombosis		
20071 A.3.3-17	1825	20071 A.3.3-17	4	1	liver	choangitis/pericholangial leukocytes		
20071 A.3.3-17	1825	20071 A.3.3-17	18	1	Heart	Renibacterium salmoninarum		
20071 A.3.3-17	1825	20071 A.3.3-17	9	1	kidney	interstitial hemorrhage/congestion		
20071 A.3.3-17	1825	20071 A.3.3-17	17	1	Heart	endocarditis, histiocytic		
20071 A.3.3-17	1825	20071 A.3.3-17	16	2	Heart	endocarditis, lymphohistiocytic		
20071 A.3.3-17	1825	20071 A.3.3-17	15	1	Heart	epicarditis, histiocytic		
20071 A.3.3-17	1825	20071 A.3.3-17	14	1	Heart	epicarditis, lymphohistiocytic		
20071 A.3.3-17	1825	20071 A.3.3-17	13	1	Heart	myocardial karyomegaly/megalocytosis		
20071 A.3.3-17	1825	20071 A.3.3-17	11	1	kidney	renal tubular necrosis		
20071 A.3.3-18	869	20071 A.3.3-18	19	1	brain	capillary (vascular) congestion		
20071 A.3.3-18	869	20071 A.3.3-18	25					
20071 A.3.3-18	869	20071 A.3.3-18	24					
20071 A.3.3-18	869	20071 A.3.3-18	23					
20071 A.3.3-18	869	20071 A.3.3-18	22					
20071 A.3.3-18	869	20071 A.3.3-18	21					
20071 A.3.3-18	869	20071 A.3.3-18	18	2	brain	hemorrhage		
20071 A.3.3-18	869	20071 A.3.3-18	8	2	kidney	interstitial hemorrhage/congestion		
20071 A.3.3-18	869	20071 A.3.3-18	1	3	liver	lipidosis		
20071 A.3.3-18	869	20071 A.3.3-18	2	1	liver	focal/multifocal necrosis		
20071 A.3.3-18	869	20071 A.3.3-18	3	3	liver	basophilic cytoplasm	(hepatocytes)	
20071 A.3.3-18	869	20071 A.3.3-18	4	1	liver	perivascular lymphocytes/leukocytes		
20071 A.3.3-18	869	20071 A.3.3-18	5	2	liver	sinusoidal congestion		
20071 A.3.3-18	869	20071 A.3.3-18	20					
20071 A.3.3-18	869	20071 A.3.3-18	7	6	kidney	tubular epithelial protein	(intracytoplasmic)	
20071 A.3.3-18	869	20071 A.3.3-18	17	1	intestine	mesenteric capillary congestion		
20071 A.3.3-18	869	20071 A.3.3-18	9	2	kidney	renal tubular necrosis		
20071 A.3.3-18	869	20071 A.3.3-18	10	1	kidney	membranous glomerulonephritis		
20071 A.3.3-18	869	20071 A.3.3-18	6					

20071 A.3.3-20	820	20071 A.3.3-20	1	1	liver	lipidosis		
20071 A.3.4-21	831	20071 A.3.4-21	31	2	brain	renibacterium salmoninarum		
20071 A.3.4-21	831	20071 A.3.4-21	23	5	spleen	peritonitis		granulomatous
20071 A.3.4-21	831	20071 A.3.4-21	24	1	spleen	granulomatous inflammation (not SRS)		
20071 A.3.4-21	831	20071 A.3.4-21	25	4	spleen	Renibacterium salmoninarum		
20071 A.3.4-21	831	20071 A.3.4-21	26	5	intestine	peritonitis		
20071 A.3.4-21	831	20071 A.3.4-21	27	2	intestine	mesenteric capillary congestion		
20071 A.3.4-21	831	20071 A.3.4-21	28	2	brain	hemorrhage		
20071 A.3.4-21	831	20071 A.3.4-21	30	3	brain	meningitis and/or encephalitis		
20071 A.3.4-21	831	20071 A.3.4-21	22	4	Heart	Renibacterium salmoninarum		
20071 A.3.4-21	831	20071 A.3.4-21	6	1	liver	perivascular lymphocytes/leukocytes		
20071 A.3.4-21	831	20071 A.3.4-21	29	1	brain	capillary (vascular) congestion		
20071 A.3.4-21	831	20071 A.3.4-21	10	1	kidney	interstitial (hematopoietic) cell hyperplasia		
20071 A.3.4-21	831	20071 A.3.4-21	1	1	liver	lipidosis		
20071 A.3.4-21	831	20071 A.3.4-21	2	1	liver	biliary preductular cell hyperplasia		
20071 A.3.4-21	831	20071 A.3.4-21	3	1	liver	focal/multifocal necrosis		
20071 A.3.4-21	831	20071 A.3.4-21	4	2	liver	basophilic cytoplasm		hepatocytes
20071 A.3.4-21	831	20071 A.3.4-21	5	1	liver	choangitis/pericholangial leukocytes		
20071 A.3.4-21	831	20071 A.3.4-21	8	1	liver	amphophilic/eosinophilic inclusion bodies		
20071 A.3.4-21	831	20071 A.3.4-21	9	3	liver	Renibacterium salmoninarum		
20071 A.3.4-21	831	20071 A.3.4-21	7	1	liver	sinusoidal congestion		
20071 A.3.4-21	831	20071 A.3.4-21	11	2	kidney	tubular epithelial protein (intracytoplasmic)		
20071 A.3.4-21	831	20071 A.3.4-21	12	1	kidney	golden renal pigment		
20071 A.3.4-21	831	20071 A.3.4-21	13	1	kidney	tubular dilation (of lumen)		
20071 A.3.4-21	831	20071 A.3.4-21	14	1	kidney	interstitial hemorrhage/congestion		
20071 A.3.4-21	831	20071 A.3.4-21	15	2	kidney	renal tubular necrosis		
20071 A.3.4-21	831	20071 A.3.4-21	16	4	kidney	Renibacterium salmoninarum		
20071 A.3.4-21	831	20071 A.3.4-21	17	1	Heart	myocardial karyomegaly/megalocytosis		
20071 A.3.4-21	831	20071 A.3.4-21	18	2	Heart	epicarditis, lymphohistiocytic		
20071 A.3.4-21	831	20071 A.3.4-21	19	1	Heart	epicarditis, histiocytic		
20071 A.3.4-21	831	20071 A.3.4-21	20	1	Heart	endocarditis, lymphohistiocytic		
20071 A.3.4-21	831	20071 A.3.4-21	21	1	Heart	endocarditis, histiocytic		
20071 A.3.4-22	1288	20071 A.3.4-22	24	4	brain	hemorrhage		
20071 A.3.4-22	1288	20071 A.3.4-22	21	2	spleen	Renibacterium salmoninarum		
20071 A.3.4-22	1288	20071 A.3.4-22	22	2	intestine	peritonitis		
20071 A.3.4-22	1288	20071 A.3.4-22	23	2	intestine	Renibacterium salmoninarum		
20071 A.3.4-22	1288	20071 A.3.4-22	25	7	brain	capillary (vascular) congestion		
20071 A.3.4-22	1288	20071 A.3.4-22	26	1	brain	granulomatous inflammation (not MEN or BRS)		
20071 A.3.4-22	1288	20071 A.3.4-22	27	1	brain	renibacterium salmoninarum		
20071 A.3.4-22	1288	20071 A.3.4-22	20	2	spleen	granulomatous inflammation (not SRS)		
20071 A.3.4-22	1288	20071 A.3.4-22	6	1	liver	granulomatous hepatitis/peritonitis		vacine reaction (?)
20071 A.3.4-22	1288	20071 A.3.4-22	3	1	liver	focal/multifocal necrosis		
20071 A.3.4-22	1288	20071 A.3.4-22	19	1	spleen	parenchymal golden pigment (lipofuscin)		intracytoplasmic
20071 A.3.4-22	1288	20071 A.3.4-22	8	1	kidney	tubular epithelial protein		
20071 A.3.4-22	1288	20071 A.3.4-22	10	3	kidney	interstitial hemorrhage/congestion		
20071 A.3.4-22	1288	20071 A.3.4-22	9	2	kidney	golden renal pigment		
20071 A.3.4-22	1288	20071 A.3.4-22	7	3	liver	Renibacterium salmoninarum		
20071 A.3.4-22	1288	20071 A.3.4-22	4	2	liver	basophilic cytoplasm (hepatocytes)		
20071 A.3.4-22	1288	20071 A.3.4-22	2	1	Liver	biliary preductular cell hyperplasia		
20071 A.3.4-22	1288	20071 A.3.4-22	1	2	liver	lipidosis		
20071 A.3.4-22	1288	20071 A.3.4-22	16	1	Heart	endothelial cell hypertrophy		
20071 A.3.4-22	1288	20071 A.3.4-22	18	4	spleen	peritonitis		granulomatous
20071 A.3.4-22	1288	20071 A.3.4-22	9	1	liver	sinusoidal congestion		
20071 A.3.4-22	1288	20071 A.3.4-22	17	4	Heart	Renibacterium salmoninarum		
20071 A.3.4-22	1288	20071 A.3.4-22	11	1	kidney	granulomatous inflammation		
20071 A.3.4-22	1288	20071 A.3.4-22	15	1	Heart	endocarditis, histiocytic		
20071 A.3.4-22	1288	20071 A.3.4-22	14	1	Heart	epicarditis, lymphohistiocytic		
20071 A.3.4-22	1288	20071 A.3.4-22	13	1	Heart	myocardial karyomegaly/megalocytosis		
20071 A.3.4-22	1288	20071 A.3.4-22	12	3	kidney	Renibacterium salmoninarum		
20071 A.3.4-23	1350	20071 A.3.4-23	17	3	spleen	Renibacterium salmoninarum		
20071 A.3.4-23	1350	20071 A.3.4-23	22	3	brain	capillary (vascular) congestion		
20071 A.3.4-23	1350	20071 A.3.4-23	21	2	brain	hemorrhage		
20071 A.3.4-23	1350	20071 A.3.4-23	20	1	intestine	Renibacterium salmoninarum		
20071 A.3.4-23	1350	20071 A.3.4-23	19	1	intestine	mesenteric capillary congestion		
20071 A.3.4-23	1350	20071 A.3.4-23	18	4	intestine	peritonitis		
20071 A.3.4-23	1350	20071 A.3.4-23	23	2	brain	meningitis and/or encephalitis		
20071 A.3.4-23	1350	20071 A.3.4-23	3	1	liver	choiangitis/pericholangial leukocytes		
20071 A.3.4-23	1350	20071 A.3.4-23	24	1	brain	renibacterium salmoninarum		
20071 A.3.4-23	1350	20071 A.3.4-23	16	1	spleen	parenchymal golden pigment (lipofuscin)		
20071 A.3.4-23	1350	20071 A.3.4-23	8	2	kidney	tubular epithelial protein		intracytoplasmic
20071 A.3.4-23	1350	20071 A.3.4-23	7	3	liver	Renibacterium salmoninarum		
20071 A.3.4-23	1350	20071 A.3.4-23	6	1	liver	single cell necrosis/apoptosis		hydropic degeneration
20071 A.3.4-23	1350	20071 A.3.4-23	4	2	liver	pigmented macrophages		
20071 A.3.4-23	1350	20071 A.3.4-23	2	2	liver	basophilic cytoplasm (hepatocytes)		
20071 A.3.4-23	1350	20071 A.3.4-23	1	3	liver	lipidosis		
20071 A.3.4-23	1350	20071 A.3.4-23	9	1	kidney	golden renal pigment		
20071 A.3.4-23	1350	20071 A.3.4-23	10	2	kidney	interstitial hemorrhage/congestion		
20071 A.3.4-23	1350	20071 A.3.4-23	11	3	kidney	Renibacterium salmoninarum		
20071 A.3.4-23	1350	20071 A.3.4-23	12	1	Heart	epicarditis, lymphohistiocytic		
20071 A.3.4-23	1350	20071 A.3.4-23	13	5	Heart	endocarditis, lymphohistiocytic		
20071 A.3.4-23	1350	20071 A.3.4-23	14	3	Heart	Renibacterium salmoninarum		
20071 A.3.4-23	1350	20071 A.3.4-23	15	1	spleen	peritonitis		
20071 A.3.4-23	1350	20071 A.3.4-23	5	1	liver	focal/multifocal parenchymal leukocytes		
20071 A.3.4-24	1293	20071 A.3.4-24	10	1	Heart	endocarditis, lymphohistiocytic		
20071 A.3.4-24	1293	20071 A.3.4-24	15	2	intestine	mesenteric capillary congestion		
20071 A.3.4-24	1293	20071 A.3.4-24	18	2	brain	capillary (vascular) congestion		
20071 A.3.4-24	1293	20071 A.3.4-24	17	1	brain	hemorrhage		
20071 A.3.4-24	1293	20071 A.3.4-24	16	1	intestine	Renibacterium salmoninarum		
20071 A.3.4-24	1293	20071 A.3.4-24	14	2	intestine	peritonitis		
20071 A.3.4-24	1293	20071 A.3.4-24	13	5	spleen	Renibacterium salmoninarum		
20071 A.3.4-24	1293	20071 A.3.4-24	11	5	Heart	Renibacterium salmoninarum		
20071 A.3.4-24	1293	20071 A.3.4-24	9	1	Heart	epicarditis, lymphohistiocytic		
20071 A.3.4-24	1293	20071 A.3.4-24	8	5	kidney	Renibacterium salmoninarum		
20071 A.3.4-24	1293	20071 A.3.4-24	7	1	kidney	renal tubular necrosis		
20071 A.3.4-24	1293	20071 A.3.4-24	6	1	kidney	interstitial hemorrhage/congestion		
20071 A.3.4-24	1293	20071 A.3.4-24	5	1	Kidney	tubular epithelial protein		intracytoplasmic
20071 A.3.4-24	1293	20071 A.3.4-24	4	5	liver	Renibacterium salmoninarum		
20071 A.3.4-24	1293	20071 A.3.4-24	3	1	liver	choiangitis/pericholangial leukocytes		
20071 A.3.4-24	1293	20071 A.3.4-24	2	4	liver	focal/multifocal necrosis		
20071 A.3.4-24	1293	20071 A.3.4-24	1	1	liver	lipidosis		
20071 A.3.4-24	1293	20071 A.3.4-24	12	4	spleen	peritonitis		
20071 A.3.5-25	1580	20071 A.3.5-25	13	2	brain	capillary (vascular) congestion		
20071 A.3.5-25	1580	20071 A.3.5-25	2	1	liver	biliary preductular cell hyperplasia		
20071 A.3.5-25	1580	20071 A.3.5-25	3	1	liver	choiangitis/pericholangial leukocytes		
20071 A.3.5-25	1580	20071 A.3.5-25	1	4	liver	lipidosis		
20071 A.3.5-25	1580	20071 A.3.5-25	5	1	kidney	tubular dilation (of lumen)		
20071 A.3.5-25	1580	20071 A.3.5-25	6	1	kidney	interstitial hemorrhage/congestion		
20071 A.3.5-25	1580	20071 A.3.5-25	7	1	kidney	renal tubular necrosis		
20071 A.3.5-25	1580	20071 A.3.5-25	8	1	Heart	myocardial karyomegaly/megalocytosis		
20071 A.3.5-25	1580	20071 A.3.5-25	9	2	Heart	epicarditis, lymphohistiocytic		
20071 A.3.5-25	1580	20071 A.3.5-25	10	3	spleen	peritonitis		
20071 A.3.5-25	1580	20071 A.3.5-25	12	2	brain	hemorrhage		
20071 A.3.5-25	1580	20071 A.3.5-25	11	5	intestine	peritonitis		
20071 A.3.5-25	1580	20071 A.3.5-25	4	1	liver	pigmented macrophages		
20071 A.3.5-25	1580	20071 A.3.5-25	6	1	kidney	capillary (vascular) congestion		
20071 P.2.1	1596	20071 P.2-1	5	1	kidney	granulomatous inflammation		hematopoietic
20071 P.2.1	1596	20071 P.2-1	4	1	kidney	interstitial cell hyperplasia		
20071 P.2.1	1596	20071 P.2-1	3	1	liver	perivascular lymphocytes/leukocytes		
20071 P.2.1	1596	20071 P.2-1	2	1	liver	choiangitis/pericholangial leukocytes		
20071 P.2.1	1596	20071 P.2-1	1	1	liver	lipidosis		
20071 P.3.2	137	20071 P.3-2	36	1	brain	hemorrhage		
20071 P.3.2	137	20071 P.3-2	35	2	intestine	Renibacterium salmoninarum		
20071 P.3.2	137	20071 P.3-2	34	2	intestine	mesenteric capillary congestion		
20071 P.3.2	137	20071 P.3-2	33	2	intestine	peritonitis		
20071 P.3.2	137	20071 P.3-2	32	2	spleen	Loma salmonae		
20071 P.3.2	137	20071 P.3-2	37	3	brain	capillary (vascular) congestion		
20071 P.3.2	137	20071 P.3-2	30	1	spleen	granulomatous inflammation (not SRS)		
20071 P.3.2	137	20071 P.3-2	42	1	gill	lamellar hyperplasia/hypertrophy		
20071 P.3.2	137	20071 P.3-2	31	3	spleen	Renibacterium salmoninarum		
20071 P.3.2	137	20071 P.3-2	38	1	brain	meningitis and/or encephalitis		
20071 P.3.2	137	20071 P.3-2	39	1	brain	Myxobolus arcticus		
20071 P.3.2	137	20071 P.3-2	45	6	gill	Loma salmonae		
20071 P.3.2	137	20071 P.3-2	41	1	brain	renibacterium salmoninarum		
20071 P.3.2	137	20071 P.3-2	43	1	gill	lamellar fusion		
20071 P.3.2	137	20071 P.3-2	44	1	gill	Renibacterium salmoninarum		
20071 P.3.2	137	20071 P.3-2	29	5	spleen	parenchymal golden pigment (lipofuscin)		
20071 P.3.2	137	20071 P.3-2	27	2	spleen	peritonitis		
20071 P.3.2	137	20071 P.3-2	40	2	brain	granulomatous inflammation (not MEN or BRS)		
20071 P.3.2	137	20071 P.3-2	12	1	kidney	golden renal pigment		
20071 P.3.2	137	20071 P.3-2	1	15	liver	lipidosis		
20071 P.3.2	137	20071 P.3-2	2	1				

20072 P.3-3	1697	20072 P.3-3	1	5	liver	lipidosis			
20072 P.3-3	1697	20072 P.3-3	15	4	Heart	endocarditis, lymphohistiocytic			
20072 P.3-3	1697	20072 P.3-3	8	4	liver	Renibacterium salmoninarum			
20072 A.2-3-26	520	20072 A.2-3-26	16	2	spleen	endothelial cell hypertrophy	with eosinophilic granules		
20072 A.2-3-26	520	20072 A.2-3-26	13	4	spleen	peritonitis			
20072 A.2-3-26	520	20072 A.2-3-26	14	2	spleen	parenchymal golden pigment (lipofuscin)			
20072 A.2-3-26	520	20072 A.2-3-26	15	1	spleen	parenchymal fibrin			
20072 A.2-3-26	520	20072 A.2-3-26	17	1	intestine	peritonitis			
20072 A.2-3-26	520	20072 A.2-3-26	18	2	intestine	mesenteric capillary congestion			
20072 A.2-3-26	520	20072 A.2-3-26	19	1	intestine	granulomatous inflammation (not IRS)			
20072 A.2-3-26	520	20072 A.2-3-26	20	5	brain	capillary (vascular) congestion			
20072 A.2-3-26	520	20072 A.2-3-26	12	1	Heart	endocarditis, lymphohistiocytic			
20072 A.2-3-26	520	20072 A.2-3-26	21	6	brain	Microsporidium cerebrale			
20072 A.2-3-26	520	20072 A.2-3-26	4	2	liver	sinusoidal congestion			
20072 A.2-3-26	520	20072 A.2-3-26	1	6	liver	lipidosis			
20072 A.2-3-26	520	20072 A.2-3-26	3	2	liver	focal/multifocal necrosis			
20072 A.2-3-26	520	20072 A.2-3-26	11	1	Heart	epicarditis, histiocytic			
20072 A.2-3-26	520	20072 A.2-3-26	5	1	kidney	tubular dilation	of lumen		
20072 A.2-3-26	520	20072 A.2-3-26	6	3	kidney	interstitial hemorrhage/congestion			
20072 A.2-3-26	520	20072 A.2-3-26	7	3	kidney	eosinophilic granular cells/endothelial granules			
20072 A.2-3-26	520	20072 A.2-3-26	8	3	kidney	renal tubular necrosis			
20072 A.2-3-26	520	20072 A.2-3-26	9	2	Heart	myocardial karyomegaly/megalocytosis			
20072 A.2-3-26	520	20072 A.2-3-26	10	1	Heart	epicarditis, lymphohistiocytic			
20072 A.2-3-26	520	20072 A.2-3-26	2	1	liver	biliary preductular cell hyperplasia			
20072 A.2-3-27	314	20072 A.2-3-27	7	1	liver	perivascular lymphocytes/leukocytes			
20072 A.2-3-27	314	20072 A.2-3-27	12	1	kidney	tubular dilation	of lumen		
20072 A.2-3-27	314	20072 A.2-3-27	11	1	kidney	tubular epithelial protein	intracytoplasmic		
20072 A.2-3-27	314	20072 A.2-3-27	10	1	liver	granulomatous hepatitis			
20072 A.2-3-27	314	20072 A.2-3-27	9	1	liver	sinusoidal fibrin			
20072 A.2-3-27	314	20072 A.2-3-27	8	1	liver	sinusoidal congestion			
20072 A.2-3-27	314	20072 A.2-3-27	6	1	liver	focal/multifocal parenchyma			
20072 A.2-3-27	314	20072 A.2-3-27	5	1	liver	cholangitis/pericholangial leukocytes	hepatocytes		
20072 A.2-3-27	314	20072 A.2-3-27	4	1	liver	basophilic cytoplasm (hepatocytes)	hepatocytes		
20072 A.2-3-27	314	20072 A.2-3-27	13	2	kidney	renal tubular necrosis			
20072 A.2-3-27	314	20072 A.2-3-27	2	1	liver	biliary preductular cell hyperplasia			
20072 A.2-3-27	314	20072 A.2-3-27	20	1	Heart	endocarditis, histiocytic			
20072 A.2-3-27	314	20072 A.2-3-27	3	2	liver	local/multifocal necrosis			
20072 A.2-3-27	314	20072 A.2-3-27	14	1	kidney	membranous glomerulonephritis			
20072 A.2-3-27	314	20072 A.2-3-27	15	1	kidney	granulomatous inflammation			
20072 A.2-3-27	314	20072 A.2-3-27	16	2	Heart	myocardial karyomegaly/megalocytosis			
20072 A.2-3-27	314	20072 A.2-3-27	17	3	Heart	epicarditis, lymphohistiocytic			
20072 A.2-3-27	314	20072 A.2-3-27	1	4	liver	lipidosis			
20072 A.2-3-27	314	20072 A.2-3-27	19	1	Heart	endocarditis, lymphohistiocytic			
20072 A.2-3-27	314	20072 A.2-3-27	22	3	spleen	peritonitis			
20072 A.2-3-27	314	20072 A.2-3-27	21	2	Heart	granulomatous inflammation			
20072 A.2-3-27	314	20072 A.2-3-27	23	3	intestine	peritonitis			
20072 A.2-3-27	314	20072 A.2-3-27	25	1	intestine	granulomatous inflammation (not IRS)			
20072 A.2-3-27	314	20072 A.2-3-27	26	4	brain	hemorrhage			
20072 A.2-3-27	314	20072 A.2-3-27	27	3	brain	capillary (vascular) congestion			
20072 A.2-3-27	314	20072 A.2-3-27	28	1	brain	meningitis and/or encephalitis			
20072 A.2-3-27	314	20072 A.2-3-27	18	1	Heart	epicarditis, histiocytic			
20072 A.2-3-27	314	20072 A.2-3-27	24	1	intestine	mesenteric capillary congestion			
20072 A.2-3-28	1537	20072 A.2-3-28	7	4	spleen	peritonitis			
20072 A.2-3-28	1537	20072 A.2-3-28	2	2	liver	sinusoidal congestion			
20072 A.2-3-28	1537	20072 A.2-3-28	3	4	kidney	tubular epithelial protein	intracytoplasmic		
20072 A.2-3-28	1537	20072 A.2-3-28	4	5	kidney	interstitial hemorrhage/congestion			
20072 A.2-3-28	1537	20072 A.2-3-28	5	2	Heart	endocarditis, eosinophilic			
20072 A.2-3-28	1537	20072 A.2-3-28	1	2	liver	lipidosis			
20072 A.2-3-28	1537	20072 A.2-3-28	8	1	spleen	granulomatous inflammation (not SRS)			
20072 A.2-3-28	1537	20072 A.2-3-28	9	3	intestine	peritonitis			
20072 A.2-3-28	1537	20072 A.2-3-28	10	4	brain	hemorrhage			
20072 A.2-3-28	1537	20072 A.2-3-28	11	4	brain	capillary (vascular) congestion			
20072 A.2-3-28	1537	20072 A.2-3-28	12	1	brain	meningitis and/or encephalitis			
20072 A.2-3-28	1537	20072 A.2-3-28	16	1	Heart	endothelial cell hypertrophy			
20072 A.2-3-29	1148	20072 A.2-3-29	13	1	intestine	mesenteric capillary congestion			
20072 A.2-3-29	1148	20072 A.2-3-29	15	4	brain	capillary (vascular) congestion			
20072 A.2-3-29	1148	20072 A.2-3-29	16	5	brain	Microsporidium cerebrale			
20072 A.2-3-29	1148	20072 A.2-3-29	14	3	brain	hemorrhage			
20072 A.2-3-29	1148	20072 A.2-3-29	4	1	intestine	amphophilic/eosinophilic inclusion bodies			
20072 A.2-3-29	1148	20072 A.2-3-29	12	3	intestine	peritonitis			
20072 A.2-3-29	1148	20072 A.2-3-29	11	2	spleen	parenchymal golden pigment (lipofuscin)			
20072 A.2-3-29	1148	20072 A.2-3-29	10	4	spleen	peritonitis			
20072 A.2-3-29	1148	20072 A.2-3-29	9	2	Heart	endocarditis, lymphohistiocytic			
20072 A.2-3-29	1148	20072 A.2-3-29	3	2	liver	sinusoidal congestion			
20072 A.2-3-29	1148	20072 A.2-3-29	2	1	liver	local/multifocal necrosis			
20072 A.2-3-29	1148	20072 A.2-3-29	8	1	Heart	epicarditis, histiocytic			
20072 A.2-3-29	1148	20072 A.2-3-29	7	2	Heart	myocardial karyomegaly/megalocytosis			
20072 A.2-3-29	1148	20072 A.2-3-29	6	2	kidney	interstitial hemorrhage/congestion			
20072 A.2-3-29	1148	20072 A.2-3-29	5	1	kidney	golden renal pigment			
20072 A.2-3-29	1148	20072 A.2-3-29	1	6	liver	lipidosis			
20072 A.2-3-30	227	20072 A.2-3-30	4	3	kidney	tubular epithelial protein (intracytoplasmic)			
20072 A.2-3-30	227	20072 A.2-3-30	12	7	brain	capillary (vascular) congestion			
20072 A.2-3-30	227	20072 A.2-3-30	11	2	brain	hemorrhage			
20072 A.2-3-30	227	20072 A.2-3-30	10	3	intestine	mesenteric capillary congestion			
20072 A.2-3-30	227	20072 A.2-3-30	9	7	spleen	peritonitis			
20072 A.2-3-30	227	20072 A.2-3-30	8	1	Heart	myocardial karyomegaly/megalocytosis			
20072 A.2-3-30	227	20072 A.2-3-30	7	2	Heart	endocarditis, histiocytic			
20072 A.2-3-30	227	20072 A.2-3-30	1	2	liver	lipidosis			
20072 A.2-3-30	227	20072 A.2-3-30	5	8	kidney	interstitial hemorrhage/congestion			
20072 A.2-3-30	227	20072 A.2-3-30	3	3	liver	sinusoidal congestion			
20072 A.2-3-30	227	20072 A.2-3-30	2	1	liver	basophilic cytoplasm (hepatocytes)			
20072 A.2-3-30	227	20072 A.2-3-30	6	2	kidney	granulomatous inflammation			
20072 A.2-4-31	1079	20072 A.2-4-31	1	2	liver	Lipidosis			
20072 A.2-4-31	1079	20072 A.2-4-31	7	4	brain	capillary (vascular) congestion			
20072 A.2-4-31	1079	20072 A.2-4-31	6	1	brain	hemorrhage			
20072 A.2-4-31	1079	20072 A.2-4-31	5	2	spleen	peritonitis			
20072 A.2-4-31	1079	20072 A.2-4-31	2	3	kidney	tubular epithelial protein	intracytoplasmic		
20072 A.2-4-31	1079	20072 A.2-4-31	3	1	kidney	interstitial hemorrhage/congestion			
20072 A.2-4-31	1079	20072 A.2-4-31	4	1	Heart	endocarditis, lymphohistiocytic			
20072 A.2-4-32	1863	20072 A.2-4-32	17	1	Heart	endothelial cell hypertrophy			
20072 A.2-4-32	1863	20072 A.2-4-32	26	1	gill	lamellar lesion			
20072 A.2-4-32	1863	20072 A.2-4-32	25	1	gill	lamellar hyperplasia/hypertrophy			
20072 A.2-4-32	1863	20072 A.2-4-32	24	4	brain	capillary (vascular) congestion			
20072 A.2-4-32	1863	20072 A.2-4-32	23	1	brain	hemorrhage			
20072 A.2-4-32	1863	20072 A.2-4-32	22	2	intestine	mesenteric capillary congestion			
20072 A.2-4-32	1863	20072 A.2-4-32	21	6	intestine	peritonitis			
20072 A.2-4-32	1863	20072 A.2-4-32	20	1	spleen	granulomatous inflammation (not SRS)			
20072 A.2-4-32	1863	20072 A.2-4-32	18	6	spleen	peritonitis			
20072 A.2-4-32	1863	20072 A.2-4-32	16	1	Heart	endocarditis, histiocytic			
20072 A.2-4-32	1863	20072 A.2-4-32	15	1	Heart	epicarditis, lymphohistiocytic			
20072 A.2-4-32	1863	20072 A.2-4-32	14	1	Heart	myocardial karyomegaly/megalocytosis			
20072 A.2-4-32	1863	20072 A.2-4-32	12	2	liver	basophilic cytoplasm (hepatocytes)			
20072 A.2-4-32	1863	20072 A.2-4-32	19	1	spleen	parenchymal fibrin			
20072 A.2-4-32	1863	20072 A.2-4-32	1	5	liver	lipidosis			
20072 A.2-4-32	1863	20072 A.2-4-32	13	2	kidney	renal tubular necrosis			
20072 A.2-4-32	1863	20072 A.2-4-32	3	1	liver	cholangitis/pericholangial leukocytes			
20072 A.2-4-32	1863	20072 A.2-4-32	4	2	liver	local/multifocal parenchymal leukocytes			
20072 A.2-4-32	1863	20072 A.2-4-32	5	2	liver	sinusoidal congestion			
20072 A.2-4-32	1863	20072 A.2-4-32	7	1	liver	sinusoidal fibrin			
20072 A.2-4-32	1863	20072 A.2-4-32	8	3	liver	granulomatous hepatitis/peritonitis	vacuole reaction (?)		
20072 A.2-4-32	1863	20072 A.2-4-32	9	5	kidney	tubular epithelial protein	intracytoplasmic		
20072 A.2-4-32	1863	20072 A.2-4-32	10	1	kidney	golden renal pigment			
20072 A.2-4-32	1863	20072 A.2-4-32	11	4	kidney	interstitial hemorrhage/congestion			
20072 A.2-4-32	1863	20072 A.2-4-32	12	1	kidney	intratubular (luminal) protein casts			
20072 A.2-4-32	1863	20072 A.2-4-32	16	1	liver	amphophilic/eosinophilic inclusion bodies			
20072 A.2-4-33	1738	20072 A.2-4-33	22	1	brain	Renibacterium salmoninarum			
20072 A.2-4-33	1738	20072 A.2-4-33	13	1	Heart	Renibacterium salmoninarum			
20072 A.2-4-33	1738	20072 A.2-4-33	14	7	spleen	peritonitis			
20072 A.2-4-33	1738	20072 A.2-4-33	15	1	spleen	parenchymal golden pigment	lipofuscin		
20072 A.2-4-33	1738	20072 A.2-4-33	16	1	spleen	granulomatous inflammation (not SRS)			
20072 A.2-4-33	1738	20072 A.2-4-33	17	7	intestine	peritonitis			
20072 A.2-4-33	1738	20072 A.2-4-33	19	5	brain	hemorrhage			
20072 A.2-4-33	1738	20072 A.2-4-33	12	1	Heart	epicarditis, histiocytic			
20072 A.2-4-33	1738	20072 A.2-4-33	21	1	brain	meningitis and/or encephalitis			
20072 A.2-4-33	1738	20072 A.2-4-33	23	1	gill	Renibacterium salmoninarum			

20072 A.3.2-39	211	20072A.3.2-39	15	5	Heart	epicarditis, histiocytic		
20072 A.3.2-39	211	20072A.3.2-39	19	2	Heart	endocarditis, histiocytic		
20072 A.3.2-39	211	20072A.3.2-39	17	1	Heart	granulomatous inflammation		
20072 A.3.2-39	211	20072A.3.2-39	18	13	spleen	peritonitis		
20072 A.3.2-39	211	20072A.3.2-39	19	10	intestine	peritonitis		
20072 A.3.2-39	211	20072A.3.2-39	20	7	brain	hemorrhage		
20072 A.3.2-39	211	20072A.3.2-39	21	11	brain	capillary (vascular) congestion		
20072 A.3.2-39	211	20072A.3.2-39	13	2	Heart	myocardial karyomegaly/megalocytosis		
20072 A.3.2-39	211	20072A.3.2-39	22	2	brain	meningitis and/or encephalitis		
20072 A.3.2-39	211	20072A.3.2-39	4	2	liver	amphophilic/eosinophilic inclusion bodies		
20072 A.3.2-39	211	20072A.3.2-39	12	1	kidney	renal tubular necrosis		
20072 A.3.2-39	211	20072A.3.2-39	5	1	liver	sinusoidal fibrin		
20072 A.3.2-39	211	20072A.3.2-39	2	2	liver	basophilic cytoplasm (hepatocytes)		
20072 A.3.2-39	211	20072A.3.2-39	6	1	liver	single cell necrosis	apoptosis/hydropic degeneration	
20072 A.3.2-39	211	20072A.3.2-39	7	10	kidney	tubular epithelial protein	intracytoplasmic	
20072 A.3.2-39	211	20072A.3.2-39	8	1	kidney	golden renal pigment		
20072 A.3.2-39	211	20072A.3.2-39	9	1	kidney	tubular dilation (of lumen)		
20072 A.3.2-39	211	20072A.3.2-39	10	4	kidney	interstitial hemorrhage/congestion		
20072 A.3.2-39	211	20072A.3.2-39	11	1	kidney	intratubular (luminal) protein casts		
20072 A.3.2-39	211	20072A.3.2-39	1	8	liver	lipidosis		
20072 A.3.2-40	871	20072A.3.2-40	3	3	liver	sinusoidal congestion		
20072 A.3.2-40	871	20072A.3.2-40	8	1	Heart	epicarditis, lymphohistiocytic		
20072 A.3.2-40	871	20072A.3.2-40	12	8	brain	capillary (vascular) congestion		
20072 A.3.2-40	871	20072A.3.2-40	11	2	brain	hemorrhage		
20072 A.3.2-40	871	20072A.3.2-40	10	5	intestine	peritonitis		
20072 A.3.2-40	871	20072A.3.2-40	9	8	spleen	peritonitis		
20072 A.3.2-40	871	20072A.3.2-40	7	1	kidney	renal tubular necrosis		
20072 A.3.2-40	871	20072A.3.2-40	6	5	kidney	interstitial hemorrhage/congestion		
20072 A.3.2-40	871	20072A.3.2-40	4	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)	
20072 A.3.2-40	871	20072A.3.2-40	2	1	liver	focal/multifocal parenchymal leukocytes		
20072 A.3.2-40	871	20072A.3.2-40	1	1	liver	lipidosis		
20072 A.3.2-40	871	20072A.3.2-40	5	8	kidney	tubular epithelial protein	intracytoplasmic	
20072 A.3.2-41	100	20072A.3.2-41	6	4	kidney	tubular epithelial protein	intracytoplasmic	
20072 A.3.2-41	100	20072A.3.2-41	12	2	brain	capillary (vascular) congestion		
20072 A.3.2-41	100	20072A.3.2-41	11	2	brain	hemorrhage		
20072 A.3.2-41	100	20072A.3.2-41	10	3	intestine	peritonitis		
20072 A.3.2-41	100	20072A.3.2-41	9	6	spleen	peritonitis		
20072 A.3.2-41	100	20072A.3.2-41	13	1	brain	meningitis and/or encephalitis		
20072 A.3.2-41	100	20072A.3.2-41	5	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)	
20072 A.3.2-41	100	20072A.3.2-41	4	2	liver	sinusoidal congestion		
20072 A.3.2-41	100	20072A.3.2-41	3	3	liver	basophilic cytoplasm (hepatocytes)		
20072 A.3.2-41	100	20072A.3.2-41	2	2	liver	focal/multifocal necrosis		
20072 A.3.2-41	100	20072A.3.2-41	1	2	liver	lipidosis		
20072 A.3.2-41	100	20072A.3.2-41	8	1	kidney	eosinophilic granular cells/endothelial granules		
20072 A.3.2-41	100	20072A.3.2-41	7	2	kidney	interstitial hemorrhage/congestion		
20072 A.3.3-42	466	20072A.3.3-42	8	6	kidney	interstitial hemorrhage/congestion		
20072 A.3.3-42	466	20072A.3.3-42	16	7	brain	capillary (vascular) congestion		
20072 A.3.3-42	466	20072A.3.3-42	15	7	brain	hemorrhage		
20072 A.3.3-42	466	20072A.3.3-42	14	6	intestine	peritonitis		
20072 A.3.3-42	466	20072A.3.3-42	13	7	spleen	peritonitis		
20072 A.3.3-42	466	20072A.3.3-42	12	1	Heart	thrombosis		
20072 A.3.3-42	466	20072A.3.3-42	11	1	Heart	endocarditis, histiocytic		
20072 A.3.3-42	466	20072A.3.3-42	9	1	kidney	membranous glomerulonephritis		
20072 A.3.3-42	466	20072A.3.3-42	7	5	kidney	tubular epithelial protein	intracytoplasmic	
20072 A.3.3-42	466	20072A.3.3-42	6	1	liver	sinusoidal fibrin		
20072 A.3.3-42	466	20072A.3.3-42	5	4	liver	sinusoidal congestion		
20072 A.3.3-42	466	20072A.3.3-42	4	1	liver	focal/multifocal parenchymal leukocytes		
20072 A.3.3-42	466	20072A.3.3-42	3	1	liver	basophilic cytoplasm (hepatocytes)		
20072 A.3.3-42	466	20072A.3.3-42	2	1	liver	focal/multifocal necrosi		
20072 A.3.3-42	466	20072A.3.3-42	1	4	liver	lipidosis		
20072 A.3.3-42	466	20072A.3.3-42	10	1	Heart	myocardial karyomegaly/megalocytosis		
20072 A.3.3-43	1825	20072A.3.3-43	8	2	kidney	interstitial hemorrhage/congestion		
20072 A.3.3-43	1825	20072A.3.3-43	14	2	brain	hemorrhage		
20072 A.3.3-43	1825	20072A.3.3-43	13	2	intestine	peritonitis		
20072 A.3.3-43	1825	20072A.3.3-43	12	2	spleen	parenchymal golden pigment (lipofuscin)		
20072 A.3.3-43	1825	20072A.3.3-43	9	1	Heart	myocardial karyomegaly/megalocytosis		
20072 A.3.3-43	1825	20072A.3.3-43	10	1	Heart	epicarditis, lymphohistiocytic		
20072 A.3.3-43	1825	20072A.3.3-43	15	2	brain	capillary (vascular) congestion		
20072 A.3.3-43	1825	20072A.3.3-43	6	1	liver	single cell necrosis/apoptosis	hydropic degeneration	
20072 A.3.3-43	1825	20072A.3.3-43	5	1	liver	sinusoidal congestion		
20072 A.3.3-43	1825	20072A.3.3-43	4	1	liver	choleangitis/pericholangial leukocytes		
20072 A.3.3-43	1825	20072A.3.3-43	3	2	liver	focal/multifocal necrosis		
20072 A.3.3-43	1825	20072A.3.3-43	2	2	liver	biliary preductular cell hyperplasia		
20072 A.3.3-43	1825	20072A.3.3-43	1	4	liver	lipidosis		
20072 A.3.3-43	1825	20072A.3.3-43	11	5	spleen	peritonitis		
20072 A.3.3-43	1825	20072A.3.3-43	7	1	kidney	interstitial (hematopoietic) cell hyperplasia		
20072 A.3.3-44	465	20072A.3.3-44	7	1	Heart	epicarditis, lymphohistiocytic		
20072 A.3.3-44	465	20072A.3.3-44	14	1	brain	meningitis and/or encephalitis		
20072 A.3.3-44	465	20072A.3.3-44	13	1	brain	capillary (vascular) congestion		
20072 A.3.3-44	465	20072A.3.3-44	12	2	intestine	peritonitis		
20072 A.3.3-44	465	20072A.3.3-44	11	1	spleen	Renibacterium salmoninarum		
20072 A.3.3-44	465	20072A.3.3-44	10	1	spleen	parenchymal golden pigment (lipofuscin)		
20072 A.3.3-44	465	20072A.3.3-44	8	1	Heart	Renibacterium salmoninarum		
20072 A.3.3-44	465	20072A.3.3-44	1	1	liver	basophilic cytoplasm (hepatocytes)		
20072 A.3.3-44	465	20072A.3.3-44	6	2	Heart	myocardial karyomegaly/megalocytosis		
20072 A.3.3-44	465	20072A.3.3-44	5	1	kidney	Renibacterium salmoninarum		
20072 A.3.3-44	465	20072A.3.3-44	4	1	kidney	renal tubular necrosis		
20072 A.3.3-44	465	20072A.3.3-44	3	1	kidney	interstitial hemorrhage/congestion		
20072 A.3.3-44	465	20072A.3.3-44	2	1	liver	Renibacterium salmoninarum		
20072 A.3.3-44	465	20072A.3.3-44	9	3	spleen	peritonitis		
20072 A.3.3-45	136	20072A.3.3-45	12	2	Heart	endothelial cell hypertrophy		
20072 A.3.3-45	136	20072A.3.3-45	13	3	spleen	peritonitis		
20072 A.3.3-45	136	20072A.3.3-45	14	2	spleen	granulomatous inflammation	not SRS	
20072 A.3.3-45	136	20072A.3.3-45	15	1	intestine	peritonitis		
20072 A.3.3-45	136	20072A.3.3-45	16	3	brain	hemorrhage		
20072 A.3.3-45	136	20072A.3.3-45	18	2	brain	meningitis and/or encephalitis		
20072 A.3.3-45	136	20072A.3.3-45	8	2	kidney	interstitial hemorrhage/congestion		
20072 A.3.3-45	136	20072A.3.3-45	11	2	Heart	endocarditis, histiocytic		
20072 A.3.3-45	136	20072A.3.3-45	17	4	brain	capillary (vascular) congestion		
20072 A.3.3-45	136	20072A.3.3-45	9	2	Heart	epicarditis, histiocytic		
20072 A.3.3-45	136	20072A.3.3-45	7	1	kidney	basophilic cytoplasm (hepatocytes)		
20072 A.3.3-45	136	20072A.3.3-45	6	1	kidney	tubular epithelial protein	intracytoplasmic	
20072 A.3.3-45	136	20072A.3.3-45	5	1	kidney	interstitial (hematopoietic) cell hyperplasia		
20072 A.3.3-45	136	20072A.3.3-45	8	1	liver	sinusoidal congestion		
20072 A.3.3-45	136	20072A.3.3-45	4	1	liver	perivascular lymphocytes/leukocytes		
20072 A.3.3-45	136	20072A.3.3-45	3	2	liver	choleangitis/pericholangial leukocytes		
20072 A.3.3-45	136	20072A.3.3-45	2	1	liver	lipidosis		
20072 A.3.3-45	136	20072A.3.3-45	10	3	Heart	endocarditis, eosinophilic		
20072 A.3.3-47	141	20072A.3.3-47	5	3	liver	sinusoidal congestion		
20072 A.3.3-47	141	20072A.3.3-47	12	4	brain	capillary (vascular) congestion		
20072 A.3.3-47	141	20072A.3.3-47	11	1	brain	hemorrhage		
20072 A.3.3-47	141	20072A.3.3-47	10	1	intestine	mesenteric capillary congestion		
20072 A.3.3-47	141	20072A.3.3-47	9	1	intestine	peritonitis		
20072 A.3.3-47	141	20072A.3.3-47	8	1	spleen	parenchymal golden pigment (lipofuscin)		
20072 A.3.3-47	141	20072A.3.3-47	6	1	kidney	interstitial hemorrhage/congestion		
20072 A.3.3-47	141	20072A.3.3-47	4	1	liver	pigmented macrophages		
20072 A.3.3-47	141	20072A.3.3-47	3	1	liver	choleangitis/pericholangial leukocytes		
20072 A.3.3-47	141	20072A.3.3-47	2	2	liver	focal/multifocal necrosis		
20072 A.3.3-47	141	20072A.3.3-47	1	2	liver	lipidosis		
20072 A.3.3-47	141	20072A.3.3-47	7	3	spleen	peritonitis		
20072 A.3.4-48	1350	20072A.3.4-48	10	3	Heart	Renibacterium salmoninarum		
20072 A.3.4-48	1350	20072A.3.4-48	12	2	spleen	Renibacterium salmoninarum		
20072 A.3.4-48	1350	20072A.3.4-48	18	2	gill	lamellar fusion		
20072 A.3.4-48	1350	20072A.3.4-48	17	2	gill	lamellar fusion		
20072 A.3.4-48	1350	20072A.3.4-48	16	1	gill	lamellar hyperplasia/hypertrophy		
20072 A.3.4-48	1350	20072A.3.4-48	15	2	brain	capillary (vascular) congestion		
20072 A.3.4-48	1350	20072A.3.4-48	13	2	intestine	peritonitis		
20072 A.3.4-48	1350	20072A.3.4-48	11	1	spleen	peritonitis		
20072 A.3.4-48	1350	20072A.3.4-48	3	1	liver	perivascular lymphocytes/leukocytes		
20072 A.3.4-48	1350	20072A.3.4-48	14	1	intestine	Renibacterium salmoninarum		
20072 A.3.4-48	1350	20072A.3.4-48	2	3	liver	basophilic cytoplasm	hepatocytes	
20072 A.3.4-48	1350	20072A.3.4-48	4	2	liver	Renibacterium salmoninarum		
20072 A.3.4-48	1350	20072A.3.4-48	5	3	kidney	interstitial hemorrhage/congestion		
20072 A.3.4-48	1350	20072A.3.4-48	6	1	Heart	thrombosis		
20072 A.3.4-48	1350	20072A.3.4-48	1	1	kidney	eosinophilic granular cells/endothelial granules		
20072 A.3.4-48	1350	20072A.3.4-48	11	3	liver	lipidosis		
20072 A.3.4-48	1350	20072A.3.4-48	7	1	kidney	Renibacterium salmoninarum		
20072 A.3.4-48	1350	20072A.3.4-48	8	1	Heart	epicarditis, lymphohistiocytic		
20072 A.3.4-48	1293	20072A.3.4-48	8	2	kidney	Renibacterium salmoninarum		
20072 A.3.4-48	1293	20072A.3.4-48	9	2	Heart	Renibacterium salmoninarum		
20072 A.3.4-49	1293	20072A.3.4-49	15	1	gill	lamellar fusion		
20072 A.3.4-49	1293	20072A.3.4-49						

20072 P-2-6	1419	20072 P-2-6	17	1	brain	meningitis and/or encephalitis			
20072 P-2-6	1419	20072 P-2-6	15	4	intestine	Renibacterium salmoninarum			
20072 P-2-6	1419	20072 P-2-6	13	4	spleen	Renibacterium salmoninarum			
20072 P-2-6	1419	20072 P-2-6	12	1	spleen	leukocytic karyorrhexis			
20072 P-2-6	1419	20072 P-2-6	11	5	Heart	Renibacterium salmoninarum			
20072 P-2-6	1419	20072 P-2-6	16	4	brain	capillary (vascular) congestion			
20072 P-2-6	1419	20072 P-2-6	3	1	liver	perivascular lymphocytes/leukocytes			
20072 P-2-6	1419	20072 P-2-6	9	5	kidney	Renibacterium salmoninarum			
20072 P-2-6	1419	20072 P-2-6	4	5	liver	Renibacterium salmoninarum			
20072 P-2-6	1419	20072 P-2-6	1	4	liver	lipidosis			
20072 P-2-6	1419	20072 P-2-6	5	1	kidney	interstitial cell hyperplasia	hematopoietic		
20072 P-2-6	1419	20072 P-2-6	6	1	kidney	mineralization			
20072 P-2-6	1419	20072 P-2-6	7	1	kidney	renal tubular necrosis			
20072 P-2-6	1419	20072 P-2-6	8	4	kidney	membranous glomerulonephritis			
20072 P-2-6	1419	20072 P-2-6	2	1	liver	focal/multifocal parenchymal leukocytes			
20072 P-3-7	137	20072 P-3-7	23	4	brain	hemorrhage			
20072 P-3-7	137	20072 P-3-7	16	3	spleen	parenchymal golden pigment (lipofuscin)			
20072 P-3-7	137	20072 P-3-7	18	1	spleen	granulomatous inflammation (not SRS)			
20072 P-3-7	137	20072 P-3-7	20	2	intestine	peritonitis			
20072 P-3-7	137	20072 P-3-7	21	1	intestine	mesenteric capillary congestion			
20072 P-3-7	137	20072 P-3-7	22	4	intestine	Renibacterium salmoninarum			
20072 P-3-7	137	20072 P-3-7	24	3	brain	capillary (vascular) congestion			
20072 P-3-7	137	20072 P-3-7	25	3	brain	meningitis and/or encephalitis			
20072 P-3-7	137	20072 P-3-7	26	1	brain	Myxobolus arcticus			
20072 P-3-7	137	20072 P-3-7	15	1	spleen	peritonitis			
20072 P-3-7	137	20072 P-3-7	28	4	gill	Loma salmonae			
20072 P-3-7	137	20072 P-3-7	17	1	spleen	parenchymal fibrin			
20072 P-3-7	137	20072 P-3-7	27	3	brain	renibacterium salmoninarum			
20072 P-3-7	137	20072 P-3-7	22	1	liver	basophilic cytoplasm (hepatocytes)			
20072 P-3-7	137	20072 P-3-7	19	3	spleen	Renibacterium salmoninarum			
20072 P-3-7	137	20072 P-3-7	1	9	liver	lipidosis			
20072 P-3-7	137	20072 P-3-7	14	8	Heart	Renibacterium salmoninarum			
20072 P-3-7	137	20072 P-3-7	3	1	liver	choolangitis/pericholangial leukocytes			
20072 P-3-7	137	20072 P-3-7	4	1	liver	perivascular lymphocytes/leukocytes			
20072 P-3-7	137	20072 P-3-7	5	7	liver	Renibacterium salmoninarum			
20072 P-3-7	137	20072 P-3-7	6	4	kidney	interstitial cell hyperplasia	hematopoietic		
20072 P-3-7	137	20072 P-3-7	7	4	kidney	tubular epithelial protein	intracytoplasmic		
20072 P-3-7	137	20072 P-3-7	9	1	kidney	Renibacterium salmoninarum			
20072 P-3-7	137	20072 P-3-7	10	1	Heart	epicarditis, lymphohistiocytic			
20072 P-3-7	137	20072 P-3-7	11	1	Heart	epicarditis, histiocytic			
20072 P-3-7	137	20072 P-3-7	12	1	Heart	endocarditis, histiocytic			
20072 P-3-7	137	20072 P-3-7	13	1	Heart	endothelial cell hypertrophy			
20072 P-3-7	137	20072 P-3-7	8	7	kidney	membranous glomerulonephritis			
20072 P-3-8	1698	20072 P-3-8	25	2	intestine	peritonitis			
20072 P-3-8	1698	20072 P-3-8	19	1	Heart	myocardial karyomegaly/megalocytosis			
20072 P-3-8	1698	20072 P-3-8	20	1	Heart	epicarditis, lymphohistiocytic			
20072 P-3-8	1698	20072 P-3-8	21	1	Heart	endocarditis, lymphohistiocytic			
20072 P-3-8	1698	20072 P-3-8	22	1	Heart	endocarditis, histiocytic			
20072 P-3-8	1698	20072 P-3-8	23	1	Heart	endothelial cell hypertrophy			
20072 P-3-8	1698	20072 P-3-8	24	8	Heart	Renibacterium salmoninarum			
20072 P-3-8	1698	20072 P-3-8	25	1	Spleen	leukocytic karyorrhexis			
20072 P-3-8	1698	20072 P-3-8	26	3	spleen	parenchymal golden pigment (lipofuscin)			
20072 P-3-8	1698	20072 P-3-8	33	4	brain	meningitis and/or encephalitis			
20072 P-3-8	1698	20072 P-3-8	28	6	spleen	Renibacterium salmoninarum			
20072 P-3-8	1698	20072 P-3-8	30	3	intestine	Renibacterium salmoninarum			
20072 P-3-8	1698	20072 P-3-8	31	2	brain	hemorrhage			
20072 P-3-8	1698	20072 P-3-8	32	4	brain	capillary (vascular) congestion			
20072 P-3-8	1698	20072 P-3-8	18	8	kidney	Renibacterium salmoninarum			
20072 P-3-8	1698	20072 P-3-8	27	1	spleen	parenchymal fibrin			
20072 P-3-8	1698	20072 P-3-8	5	1	liver	sinusoidal fibrin			
20072 P-3-8	1698	20072 P-3-8	34	3	brain	renibacterium salmoninarum			
20072 P-3-8	1698	20072 P-3-8	17	2	kidney	granulomatous inflammation			
20072 P-3-8	1698	20072 P-3-8	1	9	liver	lipidosis			
20072 P-3-8	1698	20072 P-3-8	2	2	liver	basophilic cytoplasm (hepatocytes)			
20072 P-3-8	1698	20072 P-3-8	4	2	liver	perivascular lymphocytes/leukocytes			
20072 P-3-8	1698	20072 P-3-8	6	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)		
20072 P-3-8	1698	20072 P-3-8	7	6	liver	Renibacterium salmoninarum			
20072 P-3-8	1698	20072 P-3-8	8	3	kidney	interstitial cell hyperplasia	hematopoietic		
20072 P-3-8	1698	20072 P-3-8	14	3	kidney	interstitial fibrin			
20072 P-3-8	1698	20072 P-3-8	16	3	kidney	membranous glomerulonephritis			
20072 P-3-8	1698	20072 P-3-8	3	4	liver	choolangitis/pericholangial leukocytes			
20072 P-3-8	1698	20072 P-3-8	15	1	kidney	renal tubular necrosis			
20072 P-3-8	1698	20072 P-3-8	9	5	kidney	tubular epithelial protein	intracytoplasmic		
20072 P-3-8	1698	20072 P-3-8	13	1	kidney	interstitial hemorrhage/congestion			
20072 P-3-8	1698	20072 P-3-8	12	2	kidney	mineralization			
20072 P-3-8	1698	20072 P-3-8	11	1	kidney	tubular dilation (of lumen)			
20072 P-3-8	1698	20072 P-3-8	10	1	kidney	golden renal pigment			
20073 A-2-3-53	543	20073 A-2-3-53	10	5	spleen	peritonitis			
20073 A-2-3-53	543	20073 A-2-3-53	4	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)		
20073 A-2-3-53	543	20073 A-2-3-53	15	4	brain	capillary (vascular) congestion			
20073 A-2-3-53	543	20073 A-2-3-53	14	2	brain	hemorrhage			
20073 A-2-3-53	543	20073 A-2-3-53	13	1	intestine	mesenteric capillary congestion			
20073 A-2-3-53	543	20073 A-2-3-53	12	3	intestine	peritonitis			
20073 A-2-3-53	543	20073 A-2-3-53	11	1	spleen	granulomatous inflammation (not SRS)			
20073 A-2-3-53	543	20073 A-2-3-53	16	1	brain	meningitis and/or encephalitis			
20073 A-2-3-53	543	20073 A-2-3-53	8	1	kidney	renal tubular necrosis			
20073 A-2-3-53	543	20073 A-2-3-53	7	4	kidney	interstitial hemorrhage/congestion			
20073 A-2-3-53	543	20073 A-2-3-53	5	2	kidney	tubular epithelial protein	intracytoplasmic		
20073 A-2-3-53	543	20073 A-2-3-53	3	1	liver	sinusoidal congestion			
20073 A-2-3-53	543	20073 A-2-3-53	2	1	liver	pigmented macrophages			
20073 A-2-3-53	543	20073 A-2-3-53	1	4	liver	lipidosis			
20073 A-2-3-53	543	20073 A-2-3-53	9	1	kidney	granulomatous inflammation			
20073 A-2-3-53	543	20073 A-2-3-53	6	1	kidney	golden renal pigment			
20073 A-2-3-54	1507	20073 A-2-3-54	21	1	gill	lamellar hyperplasia/hypertrophy			
20073 A-2-3-54	1507	20073 A-2-3-54	13	1	Heart	epicarditis, histiocytic			
20073 A-2-3-54	1507	20073 A-2-3-54	22	4	gill	lamellar telangectasis			
20073 A-2-3-54	1507	20073 A-2-3-54	14	7	spleen	peritonitis			
20073 A-2-3-54	1507	20073 A-2-3-54	15	1	spleen	Piscirickettsia salmonis			
20073 A-2-3-54	1507	20073 A-2-3-54	16	5	intestine	peritonitis			
20073 A-2-3-54	1507	20073 A-2-3-54	17	1	intestine	mesenteric capillary congestion			
20073 A-2-3-54	1507	20073 A-2-3-54	18	2	brain	hemorrhage			
20073 A-2-3-54	1507	20073 A-2-3-54	20	1	brain	microspondium cerebralis			
20073 A-2-3-54	1507	20073 A-2-3-54	9	2	kidney	eosinophilic granular cells/endothelial granules			
20073 A-2-3-54	1507	20073 A-2-3-54	19	8	brain	capillary (vascular) congestion			
20073 A-2-3-54	1507	20073 A-2-3-54	1	10	liver	lipidosis			
20073 A-2-3-54	1507	20073 A-2-3-54	10	1	kidney	Piscirickettsia salmonis			
20073 A-2-3-54	1507	20073 A-2-3-54	8	4	kidney	tubular epithelial protein	intracytoplasmic		
20073 A-2-3-54	1507	20073 A-2-3-54	7	2	liver	Piscirickettsia salmonis			
20073 A-2-3-54	1507	20073 A-2-3-54	5	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)		
20073 A-2-3-54	1507	20073 A-2-3-54	5	2	liver	sinusoidal congestion			
20073 A-2-3-54	1507	20073 A-2-3-54	4	1	liver	pigmented macrophages			
20073 A-2-3-54	1507	20073 A-2-3-54	3	1	liver	basophilic cytoplasm (hepatocytes)			
20073 A-2-3-54	1507	20073 A-2-3-54	2	8	liver	meningitis and/or encephalitis			
20073 A-2-3-54	1507	20073 A-2-3-54	12	4	Heart	epicarditis, lymphohistiocytic			
20073 A-2-3-54	1507	20073 A-2-3-54	11	1	Heart	myocardial karyomegaly/megalocytosis			
20073 A-2-3-55	234	20073 A-2-3-55	12	1	Heart	endocarditis, eosinophilic			
20073 A-2-3-55	234	20073 A-2-3-55	13	1	Heart	endocarditis, histiocytic			
20073 A-2-3-55	234	20073 A-2-3-55	14	5	spleen	peritonitis			
20073 A-2-3-55	234	20073 A-2-3-55	15	2	spleen	granulomatous inflammation (not SRS)			
20073 A-2-3-55	234	20073 A-2-3-55	16	1	intestine	peritonitis			
20073 A-2-3-55	234	20073 A-2-3-55	17	2	intestine	mesenteric capillary congestion			
20073 A-2-3-55	234	20073 A-2-3-55	18	2	brain	hemorrhage			
20073 A-2-3-55	234	20073 A-2-3-55	20	1	brain	presporogonic myxosporean (unclassified)			
20073 A-2-3-55	234	20073 A-2-3-55	9	5	kidney	tubular epithelial protein	intracytoplasmic		
20073 A-2-3-55	234	20073 A-2-3-55	7	7	brain	capillary (vascular) congestion			
20073 A-2-3-55	234	20073 A-2-3-55	8	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)		
20073 A-2-3-55	234	20073 A-2-3-55	7	3	liver	sinusoidal congestion			
20073 A-2-3-55	234	20073 A-2-3-55	6	1	liver	perivascular lymphocytes/leukocytes			
20073 A-2-3-55	234	20073 A-2-3-55	5	2	liver	pigmented macrophages			
20073 A-2-3-55	234	20073 A-2-3-55	4	1	liver	choolangitis/pericholangial leukocytes			
20073 A-2-3-55	234	20073 A-2-3-55	3	1	liver	meningitis and/or encephalitis			
20073 A-2-3-55	234	20073 A-2-3-55	2	1	liver	biliary preductular cell hyperplasia			
20073 A-2-3-55	234	20073 A-2-3-55	1	4	kidney	lipidosis			
20073 A-2-3-56	227	20073 A-2-3-56	11	1	Heart	interstitial hemorrhage/congestion			
20073 A-2-3-56	227	20073 A-2-3-56	11	1	Heart	endocarditis, lymphohistiocytic			
20073 A-2-3-56	227	20073 A-2-3-56	12	1	Heart	endocarditis, lymphohistiocytic			
20073 A-2-3-56	227	20073 A-2-3-56	13	1	Heart	endocarditis, histiocytic			
20073 A-2-3-56	227	20073 A-2-3-56	14	4	spleen	peritonitis			
20073 A-2-3-56	227	20073 A-2-3-56	15	1	spleen	parenchymal golden pigment (lipofuscin)			
20073 A-2-3-56	227								

20073 A.2.4-59	1789	20073A.2.4-59	19	1	gill	lamellar subepithelial edema			
20073 A.2.4-59	1789	20073A.2.4-59	13	1	Heart	epicarditis, histiocytic			
20073 A.2.4-59	1789	20073A.2.4-59	15	1	Heart	endocarditis, histiocytic			
20073 A.2.4-59	1789	20073A.2.4-59	16	1	spleen	peritonitis			
20073 A.2.4-59	1789	20073A.2.4-59	11	1	Heart	myocardial karyomegaly/megalocytosis			
20073 A.2.4-59	1789	20073A.2.4-59	18	2	Intestine	peritonitis			
20073 A.2.4-59	1789	20073A.2.4-59	12	2	Heart	epicarditis, lymphohistiocytic			
20073 A.2.4-59	1789	20073A.2.4-59	20	1	gill	lamellar telangectasis			
20073 A.2.4-59	1789	20073A.2.4-59	17	3	spleen	parenchymal golden pigment (lipofuscin)			
20073 A.2.4-59	1789	20073A.2.4-59	3	1	liver	focal/multifocal necrosis			
20073 A.2.4-59	1789	20073A.2.4-59	14	1	Heart	endocarditis, lymphohistiocytic			
20073 A.2.4-59	1789	20073A.2.4-59	10	1	kidney	granulomatous inflammation			
20073 A.2.4-59	1789	20073A.2.4-59	2	3	liver	biliary preductular cell hyperplasia			
20073 A.2.4-59	1789	20073A.2.4-59	4	2	liver	basophilic cytoplasm (hepatocytes)			
20073 A.2.4-59	1789	20073A.2.4-59	5	1	liver	pigmented macrophages			
20073 A.2.4-59	1789	20073A.2.4-59	6	2	kidney	interstitial cell hyperplasia		hematopoietic	
20073 A.2.4-59	1789	20073A.2.4-59	7	1	kidney	tubular epithelial protein		intracytoplasmic	
20073 A.2.4-59	1789	20073A.2.4-59	8	1	kidney	eosinophilic granular cells/endothelial granules			
20073 A.2.4-59	1789	20073A.2.4-59	9	1	kidney	eosinophilic granular cells/endothelial granules			
20073 A.2.4-59	1789	20073A.2.4-59	11	1	liver	lipidosis			
20073 A.2.4-61	1700	20073A.2.4-61	13	2	Heart	epicarditis, lymphohistiocytic			
20073 A.2.4-61	1700	20073A.2.4-61	19	1	spleen	Renibacterium salmoninarum			
20073 A.2.4-61	1700	20073A.2.4-61	15	1	Heart	endocarditis, histiocytic			
20073 A.2.4-61	1700	20073A.2.4-61	17	1	spleen	parenchymal golden pigment (lipofuscin)			
20073 A.2.4-61	1700	20073A.2.4-61	18	1	spleen	granulomatous inflammation (not SRS)			
20073 A.2.4-61	1700	20073A.2.4-61	20	2	Intestine	peritonitis			
20073 A.2.4-61	1700	20073A.2.4-61	21	4	brain	hemorrhage			
20073 A.2.4-61	1700	20073A.2.4-61	22	6	brain	capillary (vascular) congestion			
20073 A.2.4-61	1700	20073A.2.4-61	23	3	brain	microspordium cerebritis			
20073 A.2.4-61	1700	20073A.2.4-61	14	2	Heart	epicarditis, histiocytic			
20073 A.2.4-61	1700	20073A.2.4-61	24	1	brain	Renibacterium salmoninarum			
20073 A.2.4-61	1700	20073A.2.4-61	5	2	liver	pigmented macrophages			
20073 A.2.4-61	1700	20073A.2.4-61	16	6	spleen	peritonitis			
20073 A.2.4-61	1700	20073A.2.4-61	2	1	liver	biliary preductular cell hyperplasia			
20073 A.2.4-61	1700	20073A.2.4-61	4	2	liver	choangitis/pericholangial leukocytes			
20073 A.2.4-61	1700	20073A.2.4-61	6	4	liver	sinusoidal congestion			
20073 A.2.4-61	1700	20073A.2.4-61	7	2	liver	amphophilic/eosinophilic inclusion bodies			
20073 A.2.4-61	1700	20073A.2.4-61	8	1	liver	sinusoidal fibrin			
20073 A.2.4-61	1700	20073A.2.4-61	9	1	liver	Renibacterium salmoninarum			
20073 A.2.4-61	1700	20073A.2.4-61	12	3	Heart	myocardial karyomegaly/megalocytosis			
20073 A.2.4-61	1700	20073A.2.4-61	10	1	kidney	interstitial hemorrhage/congestion			
20073 A.2.4-61	1700	20073A.2.4-61	11	5	liver	lipidosis			
20073 A.2.4-61	1700	20073A.2.4-61	11	1	kidney	Renibacterium salmoninarum			
20073 A.2.4-61	1700	20073A.2.4-61	3	3	spleen	focal/multifocal necrosis			
20073 A.2.4-63	553	20073A.3.2-63	24	6	Intestine	peritonitis			
20073 A.3.2-63	553	20073A.3.2-63	15	1	kidney	granulomatous inflammation			
20073 A.3.2-63	553	20073A.3.2-63	27	1	brain	capillary (vascular) congestion			
20073 A.3.2-63	553	20073A.3.2-63	16	1	Heart	myocardial karyomegaly/megalocytosis			
20073 A.3.2-63	553	20073A.3.2-63	17	5	Heart	epicarditis, lymphohistiocytic			
20073 A.3.2-63	553	20073A.3.2-63	18	2	Heart	epicarditis, histiocytic			
20073 A.3.2-63	553	20073A.3.2-63	19	3	Heart	endocarditis, lymphohistiocytic			
20073 A.3.2-63	553	20073A.3.2-63	20	5	Heart	endothelial cell hypertrophy			
20073 A.3.2-63	553	20073A.3.2-63	21	8	spleen	peritonitis			
20073 A.3.2-63	553	20073A.3.2-63	23	1	spleen	granulomatous inflammation (not SRS)			
20073 A.3.2-63	553	20073A.3.2-63	12	1	kidney	tubular dilation (of lumen)			
20073 A.3.2-63	553	20073A.3.2-63	25	1	Intestine	mesenteric capillary congestion			
20073 A.3.2-63	553	20073A.3.2-63	8	2	brain	hemorrhage			
20073 A.3.2-63	553	20073A.3.2-63	22	1	spleen	parenchymal golden pigment (lipofuscin)			
20073 A.3.2-63	553	20073A.3.2-63	3	4	liver	focal/multifocal necrosis			
20073 A.3.2-63	553	20073A.3.2-63	13	1	kidney	interstitial hemorrhage/congestion			
20073 A.3.2-63	553	20073A.3.2-63	14	1	kidney	renal tubular necrosis			
20073 A.3.2-63	553	20073A.3.2-63	2	1	liver	biliary preductular cell hyperplasia			
20073 A.3.2-63	553	20073A.3.2-63	4	4	liver	basophilic cytoplasm (hepatocytes)			
20073 A.3.2-63	553	20073A.3.2-63	5	2	liver	pigmented macrophages			
20073 A.3.2-63	553	20073A.3.2-63	6	3	liver	sinusoidal congestion			
20073 A.3.2-63	553	20073A.3.2-63	7	3	liver	amphophilic/eosinophilic inclusion bodies			
20073 A.3.2-63	553	20073A.3.2-63	8	1	liver	sinusoidal fibrin			
20073 A.3.2-63	553	20073A.3.2-63	9	1	liver	granulomatous hepatitis/peritonitis		vaccine reaction (?)	
20073 A.3.2-63	553	20073A.3.2-63	10	6	kidney	tubular epithelial protein (intracytoplasmic)			
20073 A.3.2-63	553	20073A.3.2-63	11	1	kidney	golden renal pigment			
20073 A.3.2-63	553	20073A.3.2-63	11	5	liver	lipidosis			
20073 A.3.2-64	78	20073A.3.2-64	6	1	kidney	granulomatous inflammation			
20073 A.3.2-64	78	20073A.3.2-64	14	1	gill	lamellar telangectasis			
20073 A.3.2-64	78	20073A.3.2-64	13	1	gill	lamellar subepithelial edema			
20073 A.3.2-64	78	20073A.3.2-64	12	7	brain	capillary (vascular) congestion			
20073 A.3.2-64	78	20073A.3.2-64	11	6	brain	hemorrhage			
20073 A.3.2-64	78	20073A.3.2-64	10	4	Intestine	peritonitis			
20073 A.3.2-64	78	20073A.3.2-64	9	7	spleen	peritonitis			
20073 A.3.2-64	78	20073A.3.2-64	5	5	kidney	interstitial hemorrhage/congestion			
20073 A.3.2-64	78	20073A.3.2-64	4	1	liver	amphophilic/eosinophilic inclusion bodies			
20073 A.3.2-64	78	20073A.3.2-64	3	5	liver	sinusoidal congestion			
20073 A.3.2-64	78	20073A.3.2-64	2	1	liver	biliary preductular cell hyperplasia			
20073 A.3.2-64	78	20073A.3.2-64	7	2	Heart	epicarditis, lymphohistiocytic			
20073 A.3.2-64	78	20073A.3.2-64	8	1	Heart	epicarditis, lymphohistiocytic			
20073 A.3.2-65	100	20073A.3.2-65	23	1	gill	lamellar telangectasis			
20073 A.3.2-65	100	20073A.3.2-65	14	2	Heart	epicarditis, lymphohistiocytic			
20073 A.3.2-65	100	20073A.3.2-65	15	1	Heart	endocarditis, lymphohistiocytic			
20073 A.3.2-65	100	20073A.3.2-65	16	5	spleen	peritonitis			
20073 A.3.2-65	100	20073A.3.2-65	17	6	Intestine	peritonitis			
20073 A.3.2-65	100	20073A.3.2-65	18	4	brain	hemorrhage			
20073 A.3.2-65	100	20073A.3.2-65	19	7	brain	capillary (vascular) congestion			
20073 A.3.2-65	100	20073A.3.2-65	21	2	gill	lamellar fusion			
20073 A.3.2-65	100	20073A.3.2-65	22	2	gill	lamellar subepithelial edema			
20073 A.3.2-65	100	20073A.3.2-65	13	1	kidney	granulomatous inflammation			
20073 A.3.2-65	100	20073A.3.2-65	20	3	gill	lamellar hyperplasia/hypertrophy			
20073 A.3.2-65	100	20073A.3.2-65	4	2	liver	basophilic cytoplasm (hepatocytes)			
20073 A.3.2-65	100	20073A.3.2-65	12	4	kidney	interstitial hemorrhage/congestion			
20073 A.3.2-65	100	20073A.3.2-65	2	1	liver	biliary preductular cell hyperplasia			
20073 A.3.2-65	100	20073A.3.2-65	3	1	liver	sinusoidal congestion			
20073 A.3.2-65	100	20073A.3.2-65	8	4	liver	sinusoidal fibrin			
20073 A.3.2-65	100	20073A.3.2-65	7	1	liver	amphophilic/eosinophilic inclusion bodies			
20073 A.3.2-65	100	20073A.3.2-65	8	1	liver	sinusoidal congestion			
20073 A.3.2-65	100	20073A.3.2-65	9	1	liver	pigmented macrophages			
20073 A.3.2-65	100	20073A.3.2-65	10	1	liver	sinusoidal fibrin			
20073 A.3.2-65	100	20073A.3.2-65	11	10	liver	hepatocellular megalocytosis/karyomegaly		apoptosis/hydropic degeneration	
20073 A.3.2-65	100	20073A.3.2-65	10	2	kidney	single cell necrosis/apoptosis			
20073 A.3.2-65	100	20073A.3.2-65	11	1	kidney	tubular epithelial protein (intracytoplasmic)			
20073 A.3.2-65	100	20073A.3.2-65	1	5	liver	tubular dilation (of lumen)			
20073 A.3.2-66	211	20073A.3.2-66	5	2	kidney	tubular epithelial protein (intracytoplasmic)			
20073 A.3.2-66	211	20073A.3.2-66	9	1	Heart	endocarditis, eosinophilic			
20073 A.3.2-66	211	20073A.3.2-66	14	2	brain	capillary (vascular) congestion			
20073 A.3.2-66	211	20073A.3.2-66	13	2	brain	hemorrhage			
20073 A.3.2-66	211	20073A.3.2-66	12	1	Intestine	mesenteric capillary congestion			
20073 A.3.2-66	211	20073A.3.2-66	11	1	spleen	parenchymal golden pigment (lipofuscin)			
20073 A.3.2-66	211	20073A.3.2-66	10	3	spleen	peritonitis			
20073 A.3.2-66	211	20073A.3.2-66	8	1	Heart	epicarditis, lymphohistiocytic			
20073 A.3.2-66	211	20073A.3.2-66	6	2	kidney	interstitial hemorrhage/congestion			
20073 A.3.2-66	211	20073A.3.2-66	4	1	liver	sinusoidal congestion			
20073 A.3.2-66	211	20073A.3.2-66	3	1	liver	choangitis/pericholangial leukocytes			
20073 A.3.2-66	211	20073A.3.2-66	2	1	liver	biliary preductular cell hyperplasia			
20073 A.3.2-66	211	20073A.3.2-66	1	1	liver	lipidosis			
20073 A.3.2-67	1164	20073A.3.2-67	10	1	Heart	myocardial karyomegaly/megalocytosis			
20073 A.3.2-67	1164	20073A.3.2-67	9	2	kidney	interstitial hemorrhage/congestion			
20073 A.3.2-67	1164	20073A.3.2-67	7	4	brain	capillary (vascular) congestion			
20073 A.3.2-67	1164	20073A.3.2-67	16	1	brain	hemorrhage			
20073 A.3.2-67	1164	20073A.3.2-67	15	2	Intestine	peritonitis			
20073 A.3.2-67	1164	20073A.3.2-67	14	5	spleen	peritonitis			
20073 A.3.2-67	1164	20073A.3.2-67	13	2	Heart	endothelial cell hypertrophy			
20073 A.3.2-67	1164	20073A.3.2-67	12	1	Heart	endocarditis, histiocytic			
20073 A.3.2-67	1164	20073A.3.2-67	2	1	liver	focal/multifocal necrosis			
20073 A.3.2-67	1164	20073A.3.2-67	8	5	kidney	tubular epithelial protein (intracytoplasmic)			
20073 A.3.2-67	1164	20073A.3.2-67	11	3	liver	lipidosis			
20073 A.3.2-67	1164	20073A.3.2-67	7	1	liver	sinusoidal fibrin			
20073 A.3.2-67	1164	20073A.3.2-67	6	1	liver	amphophilic/eosinophilic inclusion bodies			
20073 A.3.2-67	1164	20073A.3.2-67	5	1					

20073 A.3.3-70	466	20073A.3.3-70	5	1	liver	cholangitis/pericholangial leukocytes	
20073 A.3.3-70	466	20073A.3.3-70	4	1	liver	basophilic cytoplasm (hepatocytes)	
20073 A.3.3-70	466	20073A.3.3-70	3	1	liver	focal/multifocal necrosis	
20073 A.3.3-70	466	20073A.3.3-70	2	1	liver	biliary preductular cell hyperplasia	
20073 A.3.3-70	466	20073A.3.3-70	1	4	liver	lipidosis	
20073 A.3.3-70	466	20073A.3.3-70	1	3	kidney	tubular epithelial protein (intracytoplasmic)	
20073 A.3.3-72	820	20073A.3.3-72	7	1	Heart	endocarditis, lymphohistiocytic	
20073 A.3.3-72	820	20073A.3.3-72	12	2	brain	meningitis and/or encephalitis	
20073 A.3.3-72	820	20073A.3.3-72	11	1	brain	capillary (vascular) congestion	
20073 A.3.3-72	820	20073A.3.3-72	10	2	Intestine	peritonitis	
20073 A.3.3-72	820	20073A.3.3-72	8	3	spleen	peritonitis	
20073 A.3.3-72	820	20073A.3.3-72	5	1	kidney	granulomatous inflammation	
20073 A.3.3-72	820	20073A.3.3-72	4	1	liver	sinusoidal congestion	
20073 A.3.3-72	820	20073A.3.3-72	3	1	liver	cholangitis/pericholangial leukocytes	
20073 A.3.3-72	820	20073A.3.3-72	2	1	liver	biliary preductular cell hyperplasia	
20073 A.3.3-72	820	20073A.3.3-72	1	3	liver	lipidosis	
20073 A.3.3-72	820	20073A.3.3-72	6	2	Heart	epicarditis, lymphohistiocytic	
20073 A.3.3-72	820	20073A.3.3-72	9	1	spleen	parenchymal golden pigment (lipofuscin)	
20073 A.3.3-73	143	20073A.3.3-73	17	2	brain	capillary (vascular) congestion	
20073 A.3.3-73	143	20073A.3.3-73	12	1	Heart	endocarditis, lymphohistiocytic	
20073 A.3.3-73	143	20073A.3.3-73	13	1	Heart	endocarditis, eosinophilic	
20073 A.3.3-73	143	20073A.3.3-73	18	1	brain	meningitis and/or encephalitis	
20073 A.3.3-73	143	20073A.3.3-73	14	3	spleen	peritonitis	
20073 A.3.3-73	143	20073A.3.3-73	4	2	liver	basophilic cytoplasm	hepatocytes
20073 A.3.3-73	143	20073A.3.3-73	16	4	brain	hemorrhage	
20073 A.3.3-73	143	20073A.3.3-73	11	3	Heart	epicarditis, lymphohistiocytic	
20073 A.3.3-73	143	20073A.3.3-73	15	4	Intestine	peritonitis	
20073 A.3.3-73	143	20073A.3.3-73	1	3	liver	lipidosis	
20073 A.3.3-73	143	20073A.3.3-73	6	1	liver	sinusoidal fibrin	
20073 A.3.3-73	143	20073A.3.3-73	2	1	liver	biliary preductular cell hyperplasia	
20073 A.3.3-73	143	20073A.3.3-73	3	1	liver	focal/multifocal necrosis	
20073 A.3.3-73	143	20073A.3.3-73	5	1	liver	cholangitis/pericholangial leukocytes	
20073 A.3.3-73	143	20073A.3.3-73	7	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)
20073 A.3.3-73	143	20073A.3.3-73	8	1	kidney	tubular epithelial protein (intracytoplasmic)	
20073 A.3.3-73	143	20073A.3.3-73	9	3	kidney	interstitial hemorrhage/congestion	
20073 A.3.3-73	143	20073A.3.3-73	10	1	kidney	renal tubular necrosis	
20073 A.3.3-74	136	20073A.3.3-74	9	1	kidney	tubular dilation (of lumen)	
20073 A.3.3-74	136	20073A.3.3-74	10	1	kidney	eosinophilic granular cells/endothelial granules	
20073 A.3.3-74	136	20073A.3.3-74	17	2	brain	presporogonic myxosporean (unclassified)	
20073 A.3.3-74	136	20073A.3.3-74	16	2	brain	capillary (vascular) congestion	
20073 A.3.3-74	136	20073A.3.3-74	15	1	brain	hemorrhage	
20073 A.3.3-74	136	20073A.3.3-74	14	3	Intestine	peritonitis	
20073 A.3.3-74	136	20073A.3.3-74	13	4	spleen	peritonitis	
20073 A.3.3-74	136	20073A.3.3-74	12	2	Heart	endocarditis, eosinophilic	
20073 A.3.3-74	136	20073A.3.3-74	1	1	liver	lipidosis	
20073 A.3.3-74	136	20073A.3.3-74	8	1	kidney	tubular epithelial protein (intracytoplasmic)	
20073 A.3.3-74	136	20073A.3.3-74	7	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)
20073 A.3.3-74	136	20073A.3.3-74	6	1	liver	single cell necrosis	apoptosis/hydropic degeneration
20073 A.3.3-74	136	20073A.3.3-74	5	1	liver	hepatocellular megalocytosis/karyomegaly	
20073 A.3.3-74	136	20073A.3.3-74	4	1	liver	pigmented macrophages	
20073 A.3.3-74	136	20073A.3.3-74	3	3	liver	basophilic cytoplasm (hepatocytes)	
20073 A.3.3-74	136	20073A.3.3-74	2	1	liver	biliary preductular cell hyperplasia	
20073 A.3.3-74	136	20073A.3.3-74	1	1	Heart	epicarditis, histiocytic	
20073 A.3.4-75	1288	20073A.3.4-75	13	1	Heart	endocarditis, histiocytic	
20073 A.3.4-75	1288	20073A.3.4-75	14	1	Heart	endothelial cell hypertrophy	
20073 A.3.4-75	1288	20073A.3.4-75	15	3	spleen	peritonitis	
20073 A.3.4-75	1288	20073A.3.4-75	16	2	spleen	parenchymal golden pigment (lipofuscin)	
20073 A.3.4-75	1288	20073A.3.4-75	17	2	Intestine	peritonitis	
20073 A.3.4-75	1288	20073A.3.4-75	18	1	Intestine	Renibacterium salmoninarum	
20073 A.3.4-75	1288	20073A.3.4-75	19	2	brain	capillary (vascular) congestion	
20073 A.3.4-75	1288	20073A.3.4-75	21	3	brain	renibacterium salmoninarum	
20073 A.3.4-75	1288	20073A.3.4-75	8	2	kidney	Renibacterium salmoninarum	
20073 A.3.4-75	1288	20073A.3.4-75	12	1	Heart	epicarditis, lymphohistiocytic	
20073 A.3.4-75	1288	20073A.3.4-75	20	1	brain	meningitis and/or encephalitis	
20073 A.3.4-75	1288	20073A.3.4-75	1	2	liver	lipidosis	
20073 A.3.4-75	1288	20073A.3.4-75	9	1	kidney	golden renal pigment	
20073 A.3.4-75	1288	20073A.3.4-75	7	2	kidney	tubular epithelial protein (intracytoplasmic)	
20073 A.3.4-75	1288	20073A.3.4-75	6	1	liver	Piscirickettsia salmonis	
20073 A.3.4-75	1288	20073A.3.4-75	5	1	liver	single cell necrosis/apoptosis	hydropic degeneration
20073 A.3.4-75	1288	20073A.3.4-75	4	1	liver	sinusoidal congestion	
20073 A.3.4-75	1288	20073A.3.4-75	3	1	liver	pigmented macrophages	
20073 A.3.4-75	1288	20073A.3.4-75	2	4	liver	basophilic cytoplasm (hepatocytes)	
20073 A.3.4-75	1288	20073A.3.4-75	10	1	kidney	interstitial hemorrhage/congestion	
20073 A.3.4-75	1288	20073A.3.4-75	11	1	kidney	eosinophilic granular cells/endothelial granules	
20073 A.3.4-76	892	20073A.3.4-76	5	1	liver	amphophilic/eosinophilic inclusion bodies	
20073 A.3.4-76	892	20073A.3.4-76	11	3	brain	capillary (vascular) congestion	
20073 A.3.4-76	892	20073A.3.4-76	10	2	brain	hemorrhage	
20073 A.3.4-76	892	20073A.3.4-76	9	2	Intestine	peritonitis	
20073 A.3.4-76	892	20073A.3.4-76	8	2	spleen	peritonitis	
20073 A.3.4-76	892	20073A.3.4-76	4	1	liver	sinusoidal congestion	
20073 A.3.4-76	892	20073A.3.4-76	3	3	liver	pigmented macrophages	
20073 A.3.4-76	892	20073A.3.4-76	2	2	liver	basophilic cytoplasm (hepatocytes)	
20073 A.3.4-76	892	20073A.3.4-76	1	4	liver	focal/multifocal necrosis	
20073 A.3.4-76	892	20073A.3.4-76	6	4	liver	single cell necrosis/apoptosis	hydropic degeneration
20073 A.3.4-76	892	20073A.3.4-76	7	1	kidney	granulomatous inflammation	
20073 A.3.4-77	1350	20073A.3.4-77	20	3	brain	renibacterium salmoninarum	
20073 A.3.4-77	1350	20073A.3.4-77	13	1	Heart	granulomatous inflammation	
20073 A.3.4-77	1350	20073A.3.4-77	14	2	Heart	Renibacterium salmoninarum	
20073 A.3.4-77	1350	20073A.3.4-77	15	3	spleen	peritonitis	
20073 A.3.4-77	1350	20073A.3.4-77	16	2	Spleen	parenchymal golden pigment (lipofuscin)	
20073 A.3.4-77	1350	20073A.3.4-77	17	1	Intestine	peritonitis	
20073 A.3.4-77	1350	20073A.3.4-77	19	1	brain	meningitis and/or encephalitis	
20073 A.3.4-77	1350	20073A.3.4-77	11	1	Heart	epicarditis, lymphohistiocytic	
20073 A.3.4-77	1350	20073A.3.4-77	10	2	kidney	Renibacterium salmoninarum	
20073 A.3.4-77	1350	20073A.3.4-77	18	2	liver	capillary (vascular) congestion	
20073 A.3.4-77	1350	20073A.3.4-77	4	2	liver	sinusoidal congestion	
20073 A.3.4-77	1350	20073A.3.4-77	12	1	Heart	endocarditis, histiocytic	
20073 A.3.4-77	1350	20073A.3.4-77	3	2	liver	pigmented macrophages	
20073 A.3.4-77	1350	20073A.3.4-77	5	1	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)
20073 A.3.4-77	1350	20073A.3.4-77	6	1	liver	Renibacterium salmoninarum	
20073 A.3.4-77	1350	20073A.3.4-77	7	2	kidney	tubular epithelial protein (intracytoplasmic)	
20073 A.3.4-77	1350	20073A.3.4-77	8	3	kidney	golden renal pigment	
20073 A.3.4-77	1350	20073A.3.4-77	9	2	kidney	interstitial hemorrhage/congestion	
20073 A.3.4-77	1350	20073A.3.4-77	1	2	liver	lipidosis	
20073 A.3.4-77	1350	20073A.3.4-77	2	2	liver	basophilic cytoplasm (hepatocytes)	
20073 P.2-9	244	20073P.2-9	28	4	brain	capillary (vascular) congestion	
20073 P.2-9	244	20073P.2-9	18	1	Heart	epicarditis, histiocytic	
20073 P.2-9	244	20073P.2-9	19	1	Heart	endocarditis, histiocytic	
20073 P.2-9	244	20073P.2-9	20	4	Heart	Renibacterium salmoninarum	
20073 P.2-9	244	20073P.2-9	21	1	Heart	Loma salmonae	
20073 P.2-9	244	20073P.2-9	22	1	spleen	peritonitis	
20073 P.2-9	244	20073P.2-9	23	3	spleen	parenchymal golden pigment (lipofuscin)	
20073 P.2-9	244	20073P.2-9	24	3	spleen	Renibacterium salmoninarum	
20073 P.2-9	244	20073P.2-9	25	2	spleen	Loma salmonae	
20073 P.2-9	244	20073P.2-9	27	6	brain	hemorrhage	
20073 P.2-9	244	20073P.2-9	29	1	brain	meningitis and/or encephalitis	
20073 P.2-9	244	20073P.2-9	30	1	brain	Loma salmonae	
20073 P.2-9	244	20073P.2-9	31	4	gill	Loma salmonae	
20073 P.2-9	244	20073P.2-9	17	1	Heart	epicarditis, lymphohistiocytic	
20073 P.2-9	244	20073P.2-9	10	1	kidney	mineralization	
20073 P.2-9	244	20073P.2-9	26	4	Intestine	Renibacterium salmoninarum	
20073 P.2-9	244	20073P.2-9	2	2	liver	focal/multifocal necrosis	
20073 P.2-9	244	20073P.2-9	12	1	kidney	renal tubular necrosis	
20073 P.2-9	244	20073P.2-9	1	12	liver	lipidosis	
20073 P.2-9	244	20073P.2-9	1	1	Heart	myocardial karyomegaly/megalocytosis	
20073 P.2-9	244	20073P.2-9	3	3	liver	cholangitis/pericholangial leukocytes	
20073 P.2-9	244	20073P.2-9	4	2	liver	perivascular lymphocytes/leukocytes	
20073 P.2-9	244	20073P.2-9	5	2	liver	sinusoidal fibrin	
20073 P.2-9	244	20073P.2-9	6	4	liver	Renibacterium salmoninarum	
20073 P.2-9	244	20073P.2-9	8	4	kidney	tubular epithelial protein (intracytoplasmic)	
20073 P.2-9	244	20073P.2-9	9	1	kidney	golden renal pigment	
20073 P.2-9	244	20073P.2-9	11	3	kidney	interstitial hemorrhage/congestion	
20073 P.2-9	244	20073P.2-9	13	2	kidney	membranous glomerulonephritis	
20073 P.2-9	244	20073P.2-9	14	1	kidney	granulomatous inflammation	
20073 P.2-9	244	20073P.2-9	15	5	kidney	Renibacterium salmoninarum	
20073 P.2-9	244	20073P.2-9	7	3	kidney	interstitial (hematopoietic) cell hyperplasia	
20073 P.3-10	1698	20073P.3-10	27	1	gill	lamellar telangiectasis	
20073 P.3-10	1698	20073P.3-10	16	2	Heart	Loma salmonae	
20073 P.3-10	1698	20073P.3-10	17	2	spleen	peritonitis	
20073 P.3-10	1698	20073P.3-10	19	4	spleen	Loma salmonae	
20073 P.3-10	1698	20073P.3-10	21	7	brain	capillary (vascular) congestion	
20073 P.3-10	1698	20073P.3-10	22	3	brain	hemorrhage	
20073 P.3-10	1698	20073P.3-10	23	2	brain	meningitis and/or encephalitis	
20073 P.3-10	1698	20073P.3-10	24	4	brain	renibacterium salmoninarum	
20073 P.3-10	1698	20073P.3-10	15	1	Heart	Renibacterium salmoninarum	
20073 P.3-10	1698	20073P.3-10	26	1	gill	lamellar hyperplasia/hypertrophy	
20073 P.3-10	1698	20073P.3-10	28	1	gill	Loma salmonae	
20073 P.3-10	1698	20073P.3-10	18	6	spleen	parenchymal golden pigment (lipofuscin)	
20073 P.3-10	1698	20073P.3-10	25	1	brain	Loma salmonae	
20073 P.3-10	1698	20073P.3-10	9	2	kidney	membranous glomerulonephritis	
20073 P.3-10	1698	20073P.3-10	14	2	Heart	epic	

20074 A.2.3-80	314	20074A.2.3-80	2	1	liver	focal/multifocal necrosis	
20074 A.2.3-81	543	20074A.2.3-81	27	3	brain	Piscirickettsia salmonis	
20074 A.2.3-81	543	20074A.2.3-81	20	5	spleen	Piscirickettsia salmonis	
20074 A.2.3-81	543	20074A.2.3-81	16	5	spleen	peritonitis	
20074 A.2.3-81	543	20074A.2.3-81	17	1	spleen	parenchymal golden pigment (lipofuscin)	
20074 A.2.3-81	543	20074A.2.3-81	18	1	spleen	parenchymal fibrin	
20074 A.2.3-81	543	20074A.2.3-81	19	1	spleen	endothelial cell hypertrophy	with eosinophilic granules
20074 A.2.3-81	543	20074A.2.3-81	21	8	intestine	peritonitis	
20074 A.2.3-81	543	20074A.2.3-81	22	2	intestine	exocrine pancreas necrosis	
20074 A.2.3-81	543	20074A.2.3-81	23	1	intestine	mesenteric capillary congestion	
20074 A.2.3-81	543	20074A.2.3-81	24	1	brain	hemorrhage	
20074 A.2.3-81	543	20074A.2.3-81	26	1	brain	meningitis and/or encephalitis	
20074 A.2.3-81	543	20074A.2.3-81	13	5	Heart	epicarditis, lymphohistiocytic	
20074 A.2.3-81	543	20074A.2.3-81	25	2	brain	capillary (vascular) congestion	
20074 A.2.3-81	543	20074A.2.3-81	5	1	liver	sinusoidal congestion	
20074 A.2.3-81	543	20074A.2.3-81	15	4	Heart	Piscirickettsia salmonis	
20074 A.2.3-81	543	20074A.2.3-81	14	3	Heart	endocarditis, histiocytic	
20074 A.2.3-81	543	20074A.2.3-81	2	1	liver	focal/multifocal necrosis	
20074 A.2.3-81	543	20074A.2.3-81	4	2	liver	pigmented macrophages	
20074 A.2.3-81	543	20074A.2.3-81	1	3	liver	lipidosis	
20074 A.2.3-81	543	20074A.2.3-81	6	1	liver	single cell necrosis/apoptosis	hydropic degeneration
20074 A.2.3-81	543	20074A.2.3-81	7	4	liver	Piscirickettsia salmonis	
20074 A.2.3-81	543	20074A.2.3-81	8	4	kidney	interstitial (hematopoietic) cell hyperplasia	
20074 A.2.3-81	543	20074A.2.3-81	9	10	kidney	tubular epithelial protein (intracytoplasmic)	
20074 A.2.3-81	543	20074A.2.3-81	10	2	kidney	interstitial hemorrhage/congestion	
20074 A.2.3-81	543	20074A.2.3-81	11	6	kidney	eosinophilic granular cells/endothelial granules	
20074 A.2.3-81	543	20074A.2.3-81	12	4	kidney	Piscirickettsia salmonis	
20074 A.2.3-81	543	20074A.2.3-81	3	6	liver	basophilic cytoplasm (hepatocytes)	
20074 A.2.3-82	1507	20074A.2.3-82	18	1	brain	hemorrhage	
20074 A.2.3-82	1507	20074A.2.3-82	14	2	spleen	peritonitis	
20074 A.2.3-82	1507	20074A.2.3-82	15	4	spleen	parenchymal golden pigment (lipofuscin)	
20074 A.2.3-82	1507	20074A.2.3-82	16	1	spleen	granulomatous inflammation (not SRS)	
20074 A.2.3-82	1507	20074A.2.3-82	17	1	intestine	peritonitis	
20074 A.2.3-82	1507	20074A.2.3-82	28	1	brain	Piscirickettsia salmonis	
20074 A.2.3-82	1507	20074A.2.3-82	19	1	brain	capillary (vascular) congestion	
20074 A.2.3-82	1507	20074A.2.3-82	4	2	liver	cholangitis/pericholangial leukocytes	
20074 A.2.3-82	1507	20074A.2.3-82	20	1	brain	meningitis and/or encephalitis	
20074 A.2.3-82	1507	20074A.2.3-82	21	1	brain	Microsporidium cerebralis	
20074 A.2.3-82	1507	20074A.2.3-82	13	4	Heart	epicarditis, lymphohistiocytic	
20074 A.2.3-82	1507	20074A.2.3-82	22	1	brain	presporozoic myxosporean (unclassified)	
20074 A.2.3-82	1507	20074A.2.3-82	2	2	liver	biliary preductular cell hyperplasia	
20074 A.2.3-82	1507	20074A.2.3-82	12	2	Heart	myocardial karyomegaly/megalocytosis	
20074 A.2.3-82	1507	20074A.2.3-82	1	1	liver	lipidosis	
20074 A.2.3-82	1507	20074A.2.3-82	3	5	liver	basophilic cytoplasm (hepatocytes)	
20074 A.2.3-82	1507	20074A.2.3-82	5	3	liver	pigmented macrophages	
20074 A.2.3-82	1507	20074A.2.3-82	7	1	liver	sinusoidal fibrin	
20074 A.2.3-82	1507	20074A.2.3-82	8	2	liver	granulomatous hepatitis/peritonitis	vaccine reaction (?)
20074 A.2.3-82	1507	20074A.2.3-82	9	2	kidney	tubular epithelial protein (intracytoplasmic)	
20074 A.2.3-82	1507	20074A.2.3-82	10	1	kidney	interstitial hemorrhage/congestion	
20074 A.2.3-82	1507	20074A.2.3-82	11	4	kidney	eosinophilic granular cells/endothelial granules	
20074 A.2.3-82	1507	20074A.2.3-82	6	1	liver	perivascular lymphocytes/leukocytes	
20074 A.2.3-83	527	20074A.2.3-83	8	1	Heart	endocarditis, histiocytic	
20074 A.2.3-83	527	20074A.2.3-83	9	3	spleen	peritonitis	
20074 A.2.3-83	527	20074A.2.3-83	15	1	brain	meningitis and/or encephalitis	
20074 A.2.3-83	527	20074A.2.3-83	14	2	brain	capillary (vascular) congestion	
20074 A.2.3-83	527	20074A.2.3-83	13	1	brain	hemorrhage	
20074 A.2.3-83	527	20074A.2.3-83	12	1	intestine	mesenteric capillary congestion	
20074 A.2.3-83	527	20074A.2.3-83	11	2	intestine	peritonitis	
20074 A.2.3-83	527	20074A.2.3-83	7	1	Heart	epicarditis, histiocytic	
20074 A.2.3-83	527	20074A.2.3-83	6	1	kidney	Piscirickettsia salmonis	
20074 A.2.3-83	527	20074A.2.3-83	5	3	kidney	interstitial hemorrhage/congestion	
20074 A.2.3-83	527	20074A.2.3-83	4	1	kidney	tubular epithelial protein (intracytoplasmic)	
20074 A.2.3-83	527	20074A.2.3-83	3	1	kidney	interstitial (hematopoietic) cell hyperplasia	
20074 A.2.3-83	527	20074A.2.3-83	2	1	liver	Piscirickettsia salmonis	
20074 A.2.3-83	527	20074A.2.3-83	10	1	spleen	Piscirickettsia salmonis	
20074 A.2.3-83	527	20074A.2.3-83	1	1	liver	sinusoidal congestion	
20074 A.2.3-84	227	20074A.2.3-84	23	1	brain	hemorrhage	
20074 A.2.3-84	227	20074A.2.3-84	15	1	Heart	epicarditis, histiocytic	
20074 A.2.3-84	227	20074A.2.3-84	16	2	Heart	endocarditis, lymphohistiocytic	
20074 A.2.3-84	227	20074A.2.3-84	17	2	Heart	endocarditis, histiocytic	
20074 A.2.3-84	227	20074A.2.3-84	18	2	Heart	granulomatous inflammation	
20074 A.2.3-84	227	20074A.2.3-84	25	1	brain	Microsporidium cerebralis	
20074 A.2.3-84	227	20074A.2.3-84	19	1	spleen	peritonitis	
20074 A.2.3-84	227	20074A.2.3-84	20	4	Spleen	parenchymal golden pigment (lipofuscin)	
20074 A.2.3-84	227	20074A.2.3-84	22	3	intestine	peritonitis	
20074 A.2.3-84	227	20074A.2.3-84	6	1	liver	sinusoidal congestion	
20074 A.2.3-84	227	20074A.2.3-84	24	4	brain	capillary (vascular) congestion	
20074 A.2.3-84	227	20074A.2.3-84	14	3	Heart	epicarditis, lymphohistiocytic	
20074 A.2.3-84	227	20074A.2.3-84	21	1	Spleen	Piscirickettsia salmonis	
20074 A.2.3-84	227	20074A.2.3-84	3	1	liver	cholangitis/pericholangial leukocytes	
20074 A.2.3-84	227	20074A.2.3-84	8	1	liver	Piscirickettsia salmonis	
20074 A.2.3-84	227	20074A.2.3-84	13	1	kidney	Piscirickettsia salmonis	
20074 A.2.3-84	227	20074A.2.3-84	2	2	liver	basophilic cytoplasm (hepatocytes)	
20074 A.2.3-84	227	20074A.2.3-84	4	2	liver	pigmented macrophages	
20074 A.2.3-84	227	20074A.2.3-84	5	2	liver	perivascular lymphocytes/leukocytes	
20074 A.2.3-84	227	20074A.2.3-84	7	1	liver	single cell necrosis/apoptosis	hydropic degeneration
20074 A.2.3-84	227	20074A.2.3-84	9	2	kidney	interstitial (hematopoietic) cell hyperplasia	
20074 A.2.3-84	227	20074A.2.3-84	10	2	kidney	tubular epithelial protein (intracytoplasmic)	
20074 A.2.3-84	227	20074A.2.3-84	11	1	kidney	interstitial hemorrhage/congestion	
20074 A.2.3-84	227	20074A.2.3-84	12	1	kidney	granulomatous inflammation	
20074 A.2.3-84	227	20074A.2.3-84	1	2	liver	lipidosis	
20074 A.2.4-85	1705	20074A.2.4-85	1	6	liver	lipidosis	
20074 A.2.4-85	1705	20074A.2.4-85	21	10	spleen	parenchymal golden pigment (lipofuscin)	
20074 A.2.4-85	1705	20074A.2.4-85	16	4	Heart	epicarditis, lymphohistiocytic	
20074 A.2.4-85	1705	20074A.2.4-85	17	1	Heart	epicarditis, histiocytic	
20074 A.2.4-85	1705	20074A.2.4-85	18	2	Heart	endocarditis, lymphohistiocytic	
20074 A.2.4-85	1705	20074A.2.4-85	19	1	Heart	thrombosis	
20074 A.2.4-85	1705	20074A.2.4-85	20	9	spleen	peritonitis	
20074 A.2.4-85	1705	20074A.2.4-85	22	10	intestine	peritonitis	
20074 A.2.4-85	1705	20074A.2.4-85	23	1	intestine	mesenteric capillary congestion	
20074 A.2.4-85	1705	20074A.2.4-85	24	3	brain	hemorrhage	
20074 A.2.4-85	1705	20074A.2.4-85	25	5	brain	capillary (vascular) congestion	
20074 A.2.4-85	1705	20074A.2.4-85	26	1	brain	meningitis and/or encephalitis	
20074 A.2.4-85	1705	20074A.2.4-85	15	1	kidney	granulomatous inflammation	
20074 A.2.4-85	1705	20074A.2.4-85	27	1	brain	Microsporidium cerebralis	
20074 A.2.4-85	1705	20074A.2.4-85	3	1	liver	focal/multifocal necrosis	
20074 A.2.4-85	1705	20074A.2.4-85	14	1	kidney	membranous glomerulonephritis	
20074 A.2.4-85	1705	20074A.2.4-85	2	5	liver	biliary preductular cell hyperplasia	
20074 A.2.4-85	1705	20074A.2.4-85	4	5	liver	basophilic cytoplasm (hepatocytes)	
20074 A.2.4-85	1705	20074A.2.4-85	5	4	liver	pigmented macrophages	
20074 A.2.4-85	1705	20074A.2.4-85	6	4	liver	perivascular lymphocytes/leukocytes	
20074 A.2.4-85	1705	20074A.2.4-85	7	3	liver	sinusoidal congestion	
20074 A.2.4-85	1705	20074A.2.4-85	9	1	kidney	tubular epithelial protein (intracytoplasmic)	
20074 A.2.4-85	1705	20074A.2.4-85	10	1	kidney	golden renal pigment	
20074 A.2.4-85	1705	20074A.2.4-85	11	6	kidney	interstitial hemorrhage/congestion	
20074 A.2.4-85	1705	20074A.2.4-85	12	2	kidney	eosinophilic granular cells/endothelial granules	
20074 A.2.4-85	1705	20074A.2.4-85	13	1	kidney	renal tubular necrosis	
20074 A.2.4-85	1705	20074A.2.4-85	8	2	liver	single cell necrosis/apoptosis	hydropic degeneration
20074 A.2.4-86	1338	20074A.2.4-86	27	2	brain	capillary (vascular) congestion	
20074 A.2.4-86	1338	20074A.2.4-86	16	1	kidney	Renibacterium salmoninarum	
20074 A.2.4-86	1338	20074A.2.4-86	18	1	Heart	endocarditis, histiocytic	
20074 A.2.4-86	1338	20074A.2.4-86	20	1	Heart	granulomatous inflammation	
20074 A.2.4-86	1338	20074A.2.4-86	21	4	spleen	peritonitis	
20074 A.2.4-86	1338	20074A.2.4-86	22	2	Spleen	parenchymal golden pigment (lipofuscin)	
20074 A.2.4-86	1338	20074A.2.4-86	23	2	Spleen	granulomatous inflammation (not SRS)	
20074 A.2.4-86	1338	20074A.2.4-86	24	2	intestine	peritonitis	
20074 A.2.4-86	1338	20074A.2.4-86	28	1	brain	Renibacterium salmoninarum	
20074 A.2.4-86	1338	20074A.2.4-86	26	1	brain	hemorrhage	
20074 A.2.4-86	1338	20074A.2.4-86	15	1	kidney	granulomatous inflammation	
20074 A.2.4-86	1338	20074A.2.4-86	17	2	Heart	epicarditis, lymphohistiocytic	
20074 A.2.4-86	1338	20074A.2.4-86	25	1	intestine	mesenteric capillary congestion	
20074 A.2.4-86	1338	20074A.2.4-86	5	3	liver	cholangitis/pericholangial leukocytes	
20074 A.2.4-86	1338	20074A.2.4-86	11	4	liver	lipidosis	
20074 A.2.4-86	1338	20074A.2.4-86	19	2	Heart	endothelial cell hypertrophy	
20074 A.2.4-86	1338	20074A.2.4-86	14	1	kidney	membranous glomerulonephritis	
20074 A.2.4-86	1338	20074A.2.4-86	2	2	liver	biliary preductular cell hyperplasia	
20074 A.2.4-86	1338	20074A.2.4-86	4	1	liver	basophilic cytoplasm (hepatocytes)	
20074 A.2.4-86	1338	20074A.2.4-86	6	1	liver	pigmented macrophages	
20074 A.2.4-86	1338	20074A.2.4-86	7	2	liver	sinusoidal congestion	
20074 A.2.4-86	1338	20074A.2.4-86	9	1	liver	granulomatous hepatitis	vaccine reaction (?)
20074 A.2.4-86	1338	20074A.2.4-86	10	2	kidney	tubular epithelial protein (intracytoplasmic)	
20074 A.2.4-86	1338	20074A.2.4-86	13	1	kidney	eosinophilic granular cells/endothelial granules	
20074 A.2.4-86	1338	20074A.2.4-86	11	1	kidney	golden renal pigment	
20074 A.2.4-86	1338	20074A.2.4-86	18	1	liver	amphophilic/eosinophilic inclusion bodies	
20074 A.2.4-86	1338	20074A.2.4-86	3	1	liver	focal/multifocal necrosis	
20074 A.2.4-86	1338	20074A.2.4-86	12	1	kidney	interstitial hemorrhage/congestion	
20074 A.2.4-87	1700	20074A.2.4-87	20	2	Heart</		

20074 A.2.4-88	404	20074A.2.4-88	12	2	kidney	interstitial hemorrhage/congestion		
20074 A.2.4-88	404	20074A.2.4-88	18	2	Heart	granulomatous inflammation		
20074 A.2.4-88	404	20074A.2.4-88	11	1	kidney	tubular dilation (of lumen)		
20074 A.2.4-88	404	20074A.2.4-88	19	1	Heart	Renibacterium salmoninarum		
20074 A.2.4-88	404	20074A.2.4-88	17	1	Heart	endocarditis, lymphohistiocytic		
20074 A.2.4-88	404	20074A.2.4-88	21	3	Spleen	parenchymal golden pigment (lipofuscin)		
20074 A.2.4-88	404	20074A.2.4-88	22	1	Spleen	parenchymal fibrin		
20074 A.2.4-88	404	20074A.2.4-88	24	1	Spleen	granulomatous inflammation (not SRS)		
20074 A.2.4-88	404	20074A.2.4-88	29	4	brain	capillary (vascular) congestion		
20074 A.2.4-88	404	20074A.2.4-88	26	2	Intestine	peritonitis		
20074 A.2.4-88	404	20074A.2.4-88	3	1	liver	basophilic cytoplasm (hepatocytes)		
20074 A.2.4-88	404	20074A.2.4-88	27	1	Intestine	mesenteric capillary congestion		
20074 A.2.4-88	404	20074A.2.4-88	28	1	brain	hemorrhage		
20074 A.2.4-88	404	20074A.2.4-88	30	3	brain	renibacterium salmoninarum		
20074 A.2.4-88	404	20074A.2.4-88	10	1	kidney	golden renal pigment		
20074 A.2.4-88	404	20074A.2.4-88	23	1	Spleen	endothelial cell hypertrophy	with eosinophilic granules	
20074 A.2.4-88	404	20074A.2.4-88	8	1	liver	Renibacterium salmoninarum		
20074 A.2.4-88	404	20074A.2.4-88	77	1	liver	granulomatous hepatitis/peritonitis	vacuine reaction (?)	
20074 A.2.4-88	404	20074A.2.4-88	6	1	liver	sinusoidal congestion		
20074 A.2.4-88	404	20074A.2.4-88	5	2	liver	pigmented macrophages		
20074 A.2.4-88	404	20074A.2.4-88	4	2	liver	choleangitis/pericholangial leukocytes		
20074 A.2.4-88	404	20074A.2.4-88	9	1	kidney	tubular epithelial protein (intracytoplasmic)		
20074 A.2.4-88	404	20074A.2.4-88	1	1	liver	lipidosis		
20074 A.2.4-88	404	20074A.2.4-88	2	1	liver	biliary preductular cell hyperplasia		
20074 A.3.2-90	769	20074A.3.2-90	3	1	liver	local/multifocal necrosis		
20074 A.3.2-90	769	20074A.3.2-90	9	7	kidney	interstitial hemorrhage/congestion		
20074 A.3.2-90	769	20074A.3.2-90	10	2	kidney	eosinophilic granular cells/endothelial granules		
20074 A.3.2-90	769	20074A.3.2-90	14	8	spleen	peritonitis		
20074 A.3.2-90	769	20074A.3.2-90	11	1	kidney	renal tubular necrosis		
20074 A.3.2-90	769	20074A.3.2-90	12	2	kidney	membranous glomerulonephritis		
20074 A.3.2-90	769	20074A.3.2-90	7	7	kidney	tubular epithelial protein (intracytoplasmic)		
20074 A.3.2-90	769	20074A.3.2-90	13	1	Heart	thrombosis		
20074 A.3.2-90	769	20074A.3.2-90	6	3	liver	sinusoidal congestion		
20074 A.3.2-90	769	20074A.3.2-90	4	7	liver	basophilic cytoplasm (hepatocytes)		
20074 A.3.2-90	769	20074A.3.2-90	2	1	liver	biliary preductular cell hyperplasia		
20074 A.3.2-90	769	20074A.3.2-90	1	5	liver	lipidosis		
20074 A.3.2-90	769	20074A.3.2-90	8	1	kidney	golden renal pigment		
20074 A.3.2-90	769	20074A.3.2-90	5	1	liver	choleangitis/pericholangial leukocytes		
20074 A.3.2-90	769	20074A.3.2-90	17	6	brain	capillary (vascular) congestion		
20074 A.3.2-90	769	20074A.3.2-90	16	8	Intestine	peritonitis		
20074 A.3.2-90	769	20074A.3.2-90	15	2	spleen	parenchymal fibrin		
20074 A.3.2-91	1164	20074A.3.2-91	8	1	Heart	myocardial karyomegaly/megalocytosis		
20074 A.3.2-91	1164	20074A.3.2-91	14	5	Intestine	peritonitis		
20074 A.3.2-91	1164	20074A.3.2-91	13	3	Spleen	parenchymal golden pigment (lipofuscin)		
20074 A.3.2-91	1164	20074A.3.2-91	11	1	Heart	thrombosis		
20074 A.3.2-91	1164	20074A.3.2-91	15	4	brain	capillary (vascular) congestion		
20074 A.3.2-91	1164	20074A.3.2-91	8	3	Heart	epicarditis, histiocytic		
20074 A.3.2-91	1164	20074A.3.2-91	7	2	kidney	interstitial hemorrhage/congestion		
20074 A.3.2-91	1164	20074A.3.2-91	6	2	kidney	tubular epithelial protein (intracytoplasmic)		
20074 A.3.2-91	1164	20074A.3.2-91	5	1	liver	single cell necrosis/apoptosis	hydropic degeneration	
20074 A.3.2-91	1164	20074A.3.2-91	4	1	liver	sinusoidal congestion		
20074 A.3.2-91	1164	20074A.3.2-91	3	4	liver	pigmented macrophages		
20074 A.3.2-91	1164	20074A.3.2-91	2	4	liver	basophilic cytoplasm (hepatocytes)		
20074 A.3.2-91	1164	20074A.3.2-91	1	2	liver	lipidosis		
20074 A.3.2-91	1164	20074A.3.2-91	10	1	Heart	endocarditis, lymphohistiocytic		
20074 A.3.2-91	1164	20074A.3.2-91	12	4	spleen	peritonitis	thrombosis	
20074 A.3.2-92	100	20074A.3.2-92	10	1	Heart	epicarditis, histiocytic		
20074 A.3.2-92	100	20074A.3.2-92	5	1	liver	granulomatous hepatitis/peritonitis	vacuine reaction (?)	
20074 A.3.2-92	100	20074A.3.2-92	4	1	liver	perivascular lymphocytes/leukocytes		
20074 A.3.2-92	100	20074A.3.2-92	6	7	kidney	tubular epithelial protein (intracytoplasmic)		
20074 A.3.2-92	100	20074A.3.2-92	7	3	kidney	interstitial hemorrhage/congestion		
20074 A.3.2-92	100	20074A.3.2-92	9	3	Heart	epicarditis, lymphohistiocytic		
20074 A.3.2-92	100	20074A.3.2-92	17	5	brain	hemorrhage		
20074 A.3.2-92	100	20074A.3.2-92	11	3	Heart	endocarditis, lymphohistiocytic		
20074 A.3.2-92	100	20074A.3.2-92	12	1	Heart	endocarditis, histiocytic		
20074 A.3.2-92	100	20074A.3.2-92	16	1	Intestine	mesenteric capillary congestion		
20074 A.3.2-92	100	20074A.3.2-92	2	2	liver	basophilic cytoplasm (hepatocytes)		
20074 A.3.2-92	100	20074A.3.2-92	1	6	liver	lipidosis		
20074 A.3.2-92	100	20074A.3.2-92	18	5	spleen	peritonitis		
20074 A.3.2-92	100	20074A.3.2-92	19	4	brain	capillary (vascular) congestion		
20074 A.3.2-92	100	20074A.3.2-92	14	1	Spleen	granulomatous inflammation (not SRS)		
20074 A.3.2-92	100	20074A.3.2-92	15	5	Intestine	peritonitis		
20074 A.3.2-92	100	20074A.3.2-92	3	2	liver	local/multifocal parenchymal leukocytes		
20074 A.3.2-92	100	20074A.3.2-92	8	1	kidney	granulomatous inflammation		
20074 A.3.2-93	306	20074A.3.2-93	9	7	kidney	interstitial hemorrhage/congestion		
20074 A.3.2-93	306	20074A.3.2-93	8	7	kidney	tubular epithelial protein (intracytoplasmic)		
20074 A.3.2-93	306	20074A.3.2-93	7	4	liver	sinusoidal congestion		
20074 A.3.2-93	306	20074A.3.2-93	6	1	liver	perivascular lymphocytes/leukocytes		
20074 A.3.2-93	306	20074A.3.2-93	4	1	liver	choleangitis/pericholangial leukocytes		
20074 A.3.2-93	306	20074A.3.2-93	11	7	liver	lipidosis		
20074 A.3.2-93	306	20074A.3.2-93	5	2	liver	focal/multifocal parenchymal leukocytes		
20074 A.3.2-93	306	20074A.3.2-93	10	1	kidney	granulomatous inflammation		
20074 A.3.2-93	306	20074A.3.2-93	2	2	liver	biliary preductular cell hyperplasia		
20074 A.3.2-93	306	20074A.3.2-93	16	7	brain	capillary (vascular) congestion		
20074 A.3.2-93	306	20074A.3.2-93	11	6	Heart	epicarditis, lymphohistiocytic		
20074 A.3.2-93	306	20074A.3.2-93	17	3	brain	meningitis and/or encephalitis		
20074 A.3.2-93	306	20074A.3.2-93	15	10	brain	hemorrhage		
20074 A.3.2-93	306	20074A.3.2-93	3	4	liver	basophilic cytoplasm (hepatocytes)		
20074 A.3.2-93	306	20074A.3.2-93	14	5	Intestine	peritonitis		
20074 A.3.2-93	306	20074A.3.2-93	13	11	spleen	peritonitis		
20074 A.3.2-93	306	20074A.3.2-93	12	5	Heart	endocarditis, lymphohistiocytic		
20074 A.3.2-94	1581	20074A.3.2-94	2	2	liver	biliary preductular cell hyperplasia		
20074 A.3.2-94	1581	20074A.3.2-94	7	2	kidney	interstitial hemorrhage/congestion		
20074 A.3.2-94	1581	20074A.3.2-94	6	3	kidney	tubular epithelial protein (intracytoplasmic)		
20074 A.3.2-94	1581	20074A.3.2-94	5	1	liver	sinusoidal congestion		
20074 A.3.2-94	1581	20074A.3.2-94	4	1	liver	focal/multifocal parenchymal leukocytes		
20074 A.3.2-94	1581	20074A.3.2-94	17	3	brain	capillary (vascular) congestion		
20074 A.3.2-94	1581	20074A.3.2-94	8	1	kidney	granulomatous inflammation		
20074 A.3.2-94	1581	20074A.3.2-94	11	1	Heart	endocarditis, lymphohistiocytic		
20074 A.3.2-94	1581	20074A.3.2-94	1	3	liver	lipidosis		
20074 A.3.2-94	1581	20074A.3.2-94	16	4	brain	hemorrhage		
20074 A.3.2-94	1581	20074A.3.2-94	13	4	spleen	peritonitis		
20074 A.3.2-94	1581	20074A.3.2-94	8	1	kidney	intratubular (luminal) protein casts		
20074 A.3.2-94	1581	20074A.3.2-94	3	5	liver	basophilic cytoplasm (hepatocytes)		
20074 A.3.2-94	1581	20074A.3.2-94	15	15	Intestine	peritonitis		
20074 A.3.2-94	1581	20074A.3.2-94	14	6	Spleen	parenchymal golden pigment (lipofuscin)		
20074 A.3.2-94	1581	20074A.3.2-94	12	1	Heart	granulomatous inflammation		
20074 A.3.2-94	1581	20074A.3.2-94	10	1	Heart	epicarditis, histiocytic		
20074 A.3.2-95	304	20074A.3.2-95	12	1	liver	biliary preductular cell hyperplasia		
20074 A.3.2-95	304	20074A.3.2-95	1	2	liver	lipidosis		
20074 A.3.2-95	304	20074A.3.2-95	4	1	liver	choleangitis/pericholangial leukocytes		
20074 A.3.2-95	304	20074A.3.2-95	5	4	liver	pigmented macrophages		
20074 A.3.2-95	304	20074A.3.2-95	6	1	liver	perivascular lymphocytes/leukocytes		
20074 A.3.2-95	304	20074A.3.2-95	7	1	kidney	interstitial hemorrhage/congestion		
20074 A.3.2-95	304	20074A.3.2-95	8	2	Heart	epicarditis, lymphohistiocytic		
20074 A.3.2-95	304	20074A.3.2-95	9	1	Heart	epicarditis, histiocytic		
20074 A.3.2-95	304	20074A.3.2-95	10	1	spleen	peritonitis		
20074 A.3.2-95	304	20074A.3.2-95	11	4	Spleen	parenchymal golden pigment (lipofuscin)		
20074 A.3.2-95	304	20074A.3.2-95	12	1	Intestine	mesenteric capillary congestion		
20074 A.3.2-95	304	20074A.3.2-95	13	1	brain	capillary (vascular) congestion		
20074 A.3.2-95	304	20074A.3.2-95	3	1	liver	basophilic cytoplasm (hepatocytes)		
20074 A.3.3-101	465	20074A.3.3-101	9	3	Heart	myocardial karyomegaly/megalocytosis		
20074 A.3.3-101	465	20074A.3.3-101	18	1	brain	microsporidium cerebritis		
20074 A.3.3-101	465	20074A.3.3-101	17	3	brain	capillary (vascular) congestion		
20074 A.3.3-101	465	20074A.3.3-101	16	3	brain	hemorrhage		
20074 A.3.3-101	465	20074A.3.3-101	15	2	Intestine	mesenteric capillary congestion		
20074 A.3.3-101	465	20074A.3.3-101	14	4	Intestine	peritonitis		
20074 A.3.3-101	465	20074A.3.3-101	13	1	spleen	parenchymal golden pigment (lipofuscin)		
20074 A.3.3-101	465	20074A.3.3-101	12	5	spleen	peritonitis		
20074 A.3.3-101	465	20074A.3.3-101	10	2	Heart	epicarditis, lymphohistiocytic		
20074 A.3.3-101	465	20074A.3.3-101	8	1	Kidney	renal tubular necrosis		
20074 A.3.3-101	465	20074A.3.3-101	7	1	liver	sinusoidal fibrin		
20074 A.3.3-101	465	20074A.3.3-101	6	2	liver	sinusoidal congestion		
20074 A.3.3-101	465	20074A.3.3-101	5	1	liver	perivascular lymphocytes/leukocytes		
20074 A.3.3-101	465	20074A.3.3-101	3	2	liver	pigmented macrophages		
20074 A.3.3-101	465	20074A.3.3-101	2	2	liver	basophilic cytoplasm (hepatocytes)		
20074 A.3.3-101	465	20074A.3.3-101	1	1	liver	lipidosis		
20074 A.3.3-101	465	20074A.3.3-101	11	1	Heart	thrombosis		
20074 A.3.3-101	465	20074A.3.3-101	4	1	liver	local/multifocal parenchymal leukocytes		
20074 A.3.3-98	1300	20074A.3.3-98	2	7	kidney	interstitial hemorrhage/congestion		
20074 A.3.3-98	1300	20074A.3.3-98	3	1</				

20074	A.3.4-103	892	20074	A.3.4-103	13	1	brain	meningitis and/or encephalitis			
20074	A.3.4-103	892	20074	A.3.4-103	14		gill	lamellar telangectasia			
20074	A.3.4-103	892	20074	A.3.4-103	6	2	liver	single cell necrosis/apoptosis/hydropic degenerati			
20074	A.3.4-103	892	20074	A.3.4-103	8	2	Heart	epicarditis, lymphohistiocytic			
20074	A.3.4-103	892	20074	A.3.4-103	5	3	liver	sinusoidal fibrin			
20074	A.3.4-103	892	20074	A.3.4-103	4	1	liver	sinusoidal congestion			
20074	A.3.4-103	892	20074	A.3.4-103	3	1	liver	cholangitis/pericholangial leukocytes			
20074	A.3.4-103	892	20074	A.3.4-103	2	1	liver	focal/multifocal necrosis			
20074	A.3.4-103	892	20074	A.3.4-103	1	4	liver	lipidosis			
20074	A.3.4-103	892	20074	A.3.4-103	7	1	kidney	granulomatous inflammation			
20074	P.2-12	1419	20074	P.2-12	1	5	liver	lipidosis			
20074	P.2-12	1419	20074	P.2-12	2	1	liver	focal/multifocal necrosis			
20074	P.2-12	1419	20074	P.2-12	3	4	liver	cholangitis/pericholangial leukocytes			
20074	P.2-12	1419	20074	P.2-12	4	1	liver	focal/multifocal parenchymal leukocytes			
20074	P.2-12	1419	20074	P.2-12	6	1	liver	amphophilic inclusion bodies (assw SSC)			
20074	P.2-12	1419	20074	P.2-12	7	2	liver	Piscirickettsia salmonis			
20074	P.2-12	1419	20074	P.2-12	9	3	kidney	tubular epithelial protein (intracytoplasmic)			
20074	P.2-12	1419	20074	P.2-12	5	1	liver	sinusoidal congestion			
20074	P.2-12	1419	20074	P.2-12	10	3	kidney	interstitial hemorrhage/congestion			
20074	P.2-12	1419	20074	P.2-12	11	1	kidney	renal tubular necrosis			
20074	P.2-12	1419	20074	P.2-12	12	1	kidney	membranous glomerulonephritis			
20074	P.2-12	1419	20074	P.2-12	13	2	kidney	Piscirickettsia salmonis			
20074	P.2-12	1419	20074	P.2-12	8	7	kidney	interstitial (hematopoietic) cell hyperplasia			
20074	P.2-12	1419	20074	P.2-12	14	2	Heart	epicarditis, histiocytic			
20074	P.2-12	1419	20074	P.2-12	21	1	brain	hemorrhage			
20074	P.2-12	1419	20074	P.2-12	19	2	Spleen	leukocyte karyorrhexis			
20074	P.2-12	1419	20074	P.2-12	18	2	Spleen	Loma salmonae			
20074	P.2-12	1419	20074	P.2-12	17	1	Spleen	Piscirickettsia salmonis			
20074	P.2-12	1419	20074	P.2-12	16	2	spleen	peritonitis			
20074	P.2-12	1419	20074	P.2-12	20	2	intestine	mesenteric capillary congestion			
20074	P.2-12	1419	20074	P.2-12	22	4	brain	meningitis and/or encephalitis			
20074	P.2-12	1419	20074	P.2-12	23	5	brain	brain capillary (vascular) congestion.			
20074	P.2-12	1419	20074	P.2-12	24	2	brain	Piscirickettsia salmonis			
20074	P.2-12	1419	20074	P.2-12	25	2	gills	lamellar telangectasia			
20074	P.2-12	1419	20074	P.2-12	26	4	gill	Loma salmonae/anchial parasites			
20074	P.2-12	1419	20074	P.2-12	15	2	Heart	Piscirickettsia salmonis			
20074	P.3-13	1697	20074	P.3-13	5	2	kidney	membranous glomerulonephritis			
20074	P.3-13	1697	20074	P.3-13	2	1	liver	sinusoidal congestion			
20074	P.3-13	1697	20074	P.3-13	9	2	spleen	peritonitis			
20074	P.3-13	1697	20074	P.3-13	4	1	kidney	tubular epithelial protein (intracytoplasmic)			
20074	P.3-13	1697	20074	P.3-13	3	1	kidney	interstitial (hematopoietic) cell hyperplasia			
20074	P.3-13	1697	20074	P.3-13	10	2	Spleen	parenchymal golden pigment (lipofuscin)			
20074	P.3-13	1697	20074	P.3-13	8	2	Heart	Renibacterium salmoninarum			
20074	P.3-13	1697	20074	P.3-13	7	1	Heart	endocarditis, histiocytic			
20074	P.3-13	1697	20074	P.3-13	6	1	Heart	epicarditis, histiocytic			
20074	P.3-13	1697	20074	P.3-13	1	4	liver	lipidosis			
20074	P.3-16	216	20074	P.3-16	14	1	spleen	peritonitis			
20074	P.3-16	216	20074	P.3-16	12	2	kidney	Renibacterium salmoninarum			
20074	P.3-16	216	20074	P.3-16	11	1	Kidney	membranous glomerulonephritis			
20074	P.3-16	216	20074	P.3-16	10	1	kidney	intratubular (luminal) protein casts			
20074	P.3-16	216	20074	P.3-16	19	2	brain	meningitis and/or encephalitis			
20074	P.3-16	216	20074	P.3-16	18	1	brain	brain capillary (vascular) congestion			
20074	P.3-16	216	20074	P.3-16	17	3	intestine	Renibacterium salmoninarum			
20074	P.3-16	216	20074	P.3-16	16	3	Spleen	Renibacterium salmoninarum			
20074	P.3-16	216	20074	P.3-16	15	3	Spleen	parenchymal golden pigment (lipofuscin)			
20074	P.3-16	216	20074	P.3-16	13	4	Heart	Renibacterium salmoninarum			
20074	P.3-16	216	20074	P.3-16	9	1	kidney	interstitial hemorrhage/congestion			
20074	P.3-16	216	20074	P.3-16	8	2	kidney	golden renal pigment			
20074	P.3-16	216	20074	P.3-16	7	1	kidney	tubular epithelial protein (intracytoplasmic)			
20074	P.3-16	216	20074	P.3-16	6	1	kidney	interstitial (hematopoietic) cell hyperplasia			
20074	P.3-16	216	20074	P.3-16	5	1	liver	Renibacterium salmoninarum			
20074	P.3-16	216	20074	P.3-16	4	1	liver	pigmented macrophages			
20074	P.3-16	216	20074	P.3-16	3	1	liver	cholangitis/pericholangial leukocytes			
20074	P.3-16	216	20074	P.3-16	1	4	liver	lipidosis			
20074	P.3-16	216	20074	P.3-16	2	1	liver	focal/multifocal necrosis			

Concatenated	BGF	YearQ	FarmCode	DXNum	HistoSummary
20024 A.2.3-32	56	20024	A.2.3-32	1	1bacterial kidney disease
20024 A.2.3-42	520	20024	A.2.3-42	1	1NSF
20024 A.2.3-43	527	20024	A.2.3-43	1	1rickettsiosis
20024 A.2.3-47	1291	20024	A.2.3-47	2	2viral agent
20024 A.2.4-11	404	20024	A.2.4-11	1	1NSF
20024 A.2.4-12	1076	20024	A.2.4-12	1	1NSF
20024 A.2.4-12	1076	20024	A.2.4-12	2	2PVP
20024 A.3.2-21	904	20024	A.3.2-21	1	1bacterial kidney disease
20024 A.3.2-22	306	20024	A.3.2-22	1	1NSF
20024 A.3.2-29	553	20024	A.3.2-29	1	1bacterial kidney disease
20024 A.3.3-44	141	20024	A.3.3-44	1	1NSF
20024 A.3.3-48	466	20024	A.3.3-48	1	1NSF
20024 A.3.3-49	467	20024	A.3.3-49	1	1NSF
20024 A.3.4-16	1335	20024	A.3.4-16	2	2myocardial degeneration
20024 A.3.4-16	1335	20024	A.3.4-16	3	3bacterial kidney disease
20024 A.3.4-21	1288	20024	A.3.4-21	1	1bacterial kidney disease
20024 A.3.4-21	1288	20024	A.3.4-21	2	2rickettsiosis
20024 A.3.4-23	1350	20024	A.3.4-23	1	1NSF
20024 A.3.4-24	831	20024	A.3.4-24	1	1myocardial degeneration
20024 P.2-18	112	20024	P.2-18	2	2rickettsiosis
20024 P.2-18	112	20024	P.2-18	1	1bacterial kidney disease
20024 P.2-20	1554	20024	P.2-20	1	1NSF
20024 P.2-24	456	20024	P.2-24	1	1loma
20024 P.3-20	216	20024	P.3-20	1	1NSF
20024 P.3-27	769	20024	P.3-27	1	1bacterial kidney disease
20031 A.2.3-11	314	20031	A.2.3-11	1	1hmv
20031 A.2.3-17	520	20031	A.2.3-17	1	1NSF
20031 A.2.3-7	56	20031	A.2.3-7	1	1NSF
20031 A.2.4-1	404	20031	A.2.4-1	1	1bacterial kidney disease
20031 A.2.4-1	404	20031	A.2.4-1	2	2tunerculosis
20031 A.2.4-3	1076	20031	A.2.4-3	1	1net pen liver disease
20031 A.3.2-12	211	20031	A.3.2-12	1	1NSF
20031 A.3.2-12	211	20031	A.3.2-12	2	2PVP
20031 A.3.2-2	904	20031	A.3.2-2	1	1bacterial kidney disease
20031 A.3.3-16	142	20031	A.3.3-15	1	1NSF
20031 A.3.3-16	143	20031	A.3.3-16	1	1PVP
20031 A.3.3-2	186	20031	A.3.3-2	1	1NSF
20031 A.3.3-5	819	20031	A.3.3-5	1	1PVP
20031 A.3.4-11	1351	20031	A.3.4-11	1	1NSF
20031 A.3.4-5	894	20031	A.3.4-5	1	1tunerculosis
20031 A.3.4-9	831	20031	A.3.4-9	1	1viral agent
20031 P.2-5	776	20031	P.2-5	1	1NSF
20031 P.2-6	1206	20031	P.2-6	2	2NSF
20031 P.3-12	547	20031	P.3-12	1	1NSF
20031 P.3-14	153	20031	P.3-14	1	1bacterial kidney disease
20031 P.3-15	1580	20031	P.3-15	1	1NSF
20031 P.3-9	137	20031	P.3-9	1	1NSF
20032 A.2.3-28	314	20032	A.2.3-28	1	1NSF
20032 A.2.3-32	56	20032	A.2.3-32	1	1NSF
20032 A.2.3-34	1507	20032	A.2.3-34	1	1NSF
20032 A.2.3-43	1472	20032	A.2.3-43	1	1NSF
20032 A.2.3-45	527	20032	A.2.3-45	1	1open
20032 A.2.4-12	1076	20032	A.2.4-12	1	1NSF
20032 A.2.4-13	1862	20032	A.2.4-13	1	1NSF
20032 A.2.4-13	1862	20032	A.2.4-13	2	2PVP
20032 A.2.4-14	1079	20032	A.2.4-14	1	1bacteremia
20032 A.2.4-18	1238	20032	A.2.4-18	1	1open
20032 A.3.2-24	1001	20032	A.3.2-24	1	1PVP
20032 A.3.2-43	1136	20032	A.3.2-43	1	1PVP
20032 A.3.3-33	136	20032	A.3.3-33	1	1PVP
20032 A.3.4-17	143	20032	A.3.4-17	1	1NSF
20032 A.3.4-17	1336	20032	A.3.4-17	1	1tunerculosis
20032 A.3.4-23	1351	20032	A.3.4-23	1	1bacteremia
20032 A.3.4-25	1198	20032	A.3.4-25	1	1bacteremia
20032 P.2-14	233	20032	P.2-14	1	1NSF
20032 P.2-19	1206	20032	P.2-19	1	1loma
20032 P.2-22	1158	20032	P.2-22	1	1disseminated intravascular coagulation
20032 P.2-22	1158	20032	P.2-22	1	1loma
20032 P.2-23	1554	20032	P.2-23	1	1open
20032 P.2-23	216	20032	P.2-23	1	1bacterial kidney disease
20032 P.3-28	248	20032	P.3-28	1	1bacterial kidney disease
20032 P.3-30	769	20032	P.3-30	1	1bacterial kidney disease
20032 P.3-33	1580	20032	P.3-33	1	1tunerculosis
20033 A.2.3-21	270	20033	A.2.3-21	1	1tunerculosis
20033 A.2.3-27	56	20033	A.2.3-27	1	1NSF
20033 A.2.3-45	1507	20033	A.2.3-45	1	1NSF
20033 A.2.4-21	404	20033	A.2.4-21	1	1bacteremia
20033 A.2.4-28	1238	20033	A.2.4-28	1	1NSF
20033 A.3.2-22	304	20033	A.3.2-22	1	1acute respiratory necrosis
20033 A.3.2-28	1001	20033	A.3.2-28	1	1NSF
20033 A.3.2-31	211	20033	A.3.2-31	1	1open
20033 A.3.2-32	1136	20033	A.3.2-32	1	1septicemia
20033 A.3.3-25	819	20033	A.3.3-25	1	1NSF
20033 A.3.3-26	869	20033	A.3.3-26	1	1PVP
20033 A.3.3-36	143	20033	A.3.3-36	1	1NSF
20033 A.3.3-37	465	20033	A.3.3-37	1	1NSF
20033 A.3.4-22	1336	20033	A.3.4-22	1	1open
20033 A.3.4-26	831	20033	A.3.4-26	1	1NSF
20033 A.3.4-28	1351	20033	A.3.4-28	1	1open
20033 P.2-22	244	20033	P.2-22	1	1NSF
20033 P.2-28	1158	20033	P.2-28	1	1NSF
20033 P.2-29	1554	20033	P.2-29	1	1loma
20033 P.3-29	137	20033	P.3-29	1	1NSF
20033 P.3-35	1580	20033	P.3-35	1	1NSF
20033 P.3-37	1626	20033	P.3-37	1	1NSF
20033 P.3-38	360	20033	P.3-38	1	1bacterial kidney disease
20034 A.2.3-48	1291	20034	A.2.3-48	1	1PVP
20034 A.2.3-49	270	20034	A.2.3-49	1	1tunerculosis
20034 A.2.3-50	234	20034	A.2.3-50	0	
20034 A.2.3-50	234	20034	A.2.3-50	1	1bacteremia
20034 A.2.3-50	234	20034	A.2.3-50	2	2viremia
20034 A.2.4-51	1238	20034	A.2.4-51	1	1tunerculosis
20034 A.2.4-52	1076	20034	A.2.4-52	1	1tunerculosis
20034 A.2.4-53	404	20034	A.2.4-53	1	1NSF
20034 A.3.2-55	211	20034	A.3.2-55	1	1NSF
20034 A.3.3-56	869	20034	A.3.3-56	1	1NSF
20034 A.3.3-57	465	20034	A.3.3-57	1	1open
20034 A.3.3-58	136	20034	A.3.3-58	1	1PVP
20034 A.3.3-59	819	20034	A.3.3-59	1	1NSF
20034 A.3.3-60	1144	20034	A.3.3-60	1	1open
20034 A.3.4-61	831	20034	A.3.4-61	1	1bacterial kidney disease
20034 A.3.4-62	1336	20034	A.3.4-62	1	1NSF
20034 P.2-39	1159	20034	P.2-39	1	1open
20034 P.2-40	244	20034	P.2-40	1	1bacteremia
20034 P.2-40	244	20034	P.2-40	2	2loma
20034 P.2-41	233	20034	P.2-41	1	1bacteremia
20034 P.2-43	1596	20034	P.2-43	1	1NSF
20034 P.2-44	543	20034	P.2-44	1	1NSF
20034 P.3-45	380	20034	P.3-45	1	1NSF
20034 P.3-47	769	20034	P.3-47	1	1NSF
20034 P.3-49	137	20034	P.3-49	1	1bacterial kidney disease
20034 P.3-50	138	20034	P.3-50	1	1NSF
20034 P.3-51	1626	20034	P.3-51	1	1bacteremia
20034 P.3-52	733	20034	P.3-52	1	1vibro
20041 A.2.3-1	520	20041	A.2.3-1	1	1open
20041 A.2.3-2	527	20041	A.2.3-2	1	1NSF
20041 A.2.3-3	1291	20041	A.2.3-3	1	1septicemia
20041 A.2.4-5	1076	20041	A.2.4-5	1	1bacterial kidney disease
20041 A.2.4-6	1076	20041	A.2.4-6	1	1open
20041 A.2.4-7	1700	20041	A.2.4-7	1	1PVP
20041 A.2.4-8	1338	20041	A.2.4-8	1	1open
20041 A.3.2-10	304	20041	A.3.2-10	1	1PVP
20041 A.3.2-11	100	20041	A.3.2-11	1	1bacteremia
20041 A.3.3-12	729	20041	A.3.3-12	1	1bacterial kidney disease
20041 A.3.3-15	869	20041	A.3.3-15	1	1open
20041 A.3.3-14	136	20041	A.3.3-14	1	1PVP
20041 A.3.3-15	820	20041	A.3.3-15	1	1PVP
20041 A.3.3-16	819	20041	A.3.3-16	1	1bacterial kidney disease
20041 A.3.3-17	1144	20041	A.3.3-17	1	1open
20041 A.3.4-18	1336	20041	A.3.4-18	1	1open
20041 P.2-1	244	20041	P.2-1	1	1marino anemia
20041 P.2-2	233	20041	P.2-2	1	1bacterial kidney disease
20041 P.2-3	1159	20041	P.2-3	1	1bacterial kidney disease
20041 P.2-4	1158	20041	P.2-4	1	1bacterial kidney disease
20041 P.2-5	112	20041	P.2-5	1	1bacterial kidney disease
20041 P.3-10	1626	20041	P.3-10	1	1bacterial kidney disease
20041 P.3-11	380	20041	P.3-11	1	1nephrocalcinosis
20041 P.3-6	769	20041	P.3-6	1	1bacterial kidney disease
20041 P.3-7	216	20041	P.3-7	1	1bacterial kidney disease
20042 A.2.3-19	1507	20042	A.2.3-19	0	
20042 A.2.3-19	1507	20042	A.2.3-19	1	1NSF
20042 A.2.3-20	527	20042	A.2.3-20	0	
20042 A.2.3-20	527	20042	A.2.3-20	1	1PVP
20042 A.2.3-20	527	20042	A.2.3-20	2	2septicemia
20042 A.2.3-21	520	20042	A.2.3-21	0	
20042 A.2.4-22	404	20042	A.2.4-22	0	
20042 A.2.4-24	1338	20042	A.2.4-24	1	1NSF
20042 A.2.4-25	1238	20042	A.2.4-25	1	1NSF
20042 A.3.2-29	304	20042	A.3.2-29	1	1PVP
20042 A.3.2-30	1401	20042	A.3.2-30	1	1PVP
20042 A.3.3-31	1144	20042	A.3.3-31	1	1NSF
20042 A.3.3-32	143	20042	A.3.3-32	1	1septicemia
20042 A.3.3-35	820	20042	A.3.3-35	1	1PVP
20042 A.3.4-37	1288	20042	A.3.4-37	1	1open
20042 A.3.4-38	1335	20042	A.3.4-38	1	1NSF
20042 P.2-13	776	20042	P.2-13	1	1bacterial kidney disease
20042 P.2-14	244	20042	P.2-14	1	1open
20042 P.2-15	112	20042	P.2-15	1	1open
20042 P.2-16	1159	20042	P.2-16	1	1bacterial kidney disease
20042 P.3-17	380	20042	P.3-17	1	1tunerculosis
20042 P.3-18	1697	20042	P.3-18	1	1NSF
20042 P.3-19	137	20042	P.3-19	2	2marine anemia
20042 P.3-19	137	20042	P.3-19	1	1bacterial kidney disease
20042 P.3-21	247	20042	P.3-21	1	1NSF
20042 P.3-22	216	20042	P.3-22	1	1bacterial kidney disease
20042 P.3-22	216	20042	P.3-22	2	2PVP
20043 A.2.3-39	1291	20043	A.2.3-39	0	
20043 A.2.3-39	1291	20043	A.2.3-39	1	1PVP
20043 A.2.3-40	1507	20043	A.2.3-40	1	
20043 A.2.3-40	1507	20043	A.2.3-40	2	2open
20043 A.2.3-41	1148	20043	A.2.3-41	1	1PVP
20043 A.2.4-43	1700	20043	A.2.4-43	1	1PVP
20043 A.2.4-44	1238	20043	A.2.4-44	1	1open
20043 A.3.2-47	1136	20043	A.3.2-47	1	1bacterial kidney disease

20043 A.3.2-49	1401	20043 A.3.2-49	1 bacterial kidney disease
20043 A.3.2-50	1581	20043 A.3.2-50	0
20043 A.3.2-50	1581	20043 A.3.2-50	1 open
20043 A.3.2-51	100	20043 A.3.2-51	1 bacterial kidney disease
20043 A.3.2-51	100	20043 A.3.2-51	2 PVP
20043 A.3.3-53	869	20043 A.3.3-53	1 open
20043 A.3.3-56	467	20043 A.3.3-56	0
20043 A.3.3-56	467	20043 A.3.3-56	1 open
20043 A.3.4-57	892	20043 A.3.4-57	0
20043 A.3.4-57	892	20043 A.3.4-57	1 PVP
20043 A.3.4-58	1293	20043 A.3.4-58	1 PVP
20043 A.3.4-59	1288	20043 A.3.4-59	1 PVP
20043 P.2-23	1596	20043 P.2-23	1 loma
20043 P.2-24	112	20043 P.2-24	1 loma
20043 P.3-26	1580	20043 P.3-26	1 NSF
20043 P.3-27	138	20043 P.3-27	1 open
20043 P.3-28	1626	20043 P.3-28	1 bacterial kidney disease
20043 P.3-29	389	20043 P.3-29	1 NSF
20043 P.3-31	216	20043 P.3-31	1 open
20044 A.2.3-61	520	20044 A.2.3-61	2 rickettsiosis
20044 A.2.3-61	520	20044 A.2.3-61	1 PVP
20044 A.2.3-62	527	20044 A.2.3-62	1 rickettsiosis
20044 A.2.4-63	1738	20044 A.2.4-63	1 NSF
20044 A.2.4-64	1700	20044 A.2.4-64	1 PVP
20044 A.2.4-65	1237	20044 A.2.4-65	1 NSF
20044 A.3.2-67	211	20044 A.3.2-67	0
20044 A.3.2-67	211	20044 A.3.2-67	1 NSF
20044 A.3.2-68	1401	20044 A.3.2-68	1 NSF
20044 A.3.2-69	78	20044 A.3.2-69	1 open
20044 A.3.2-70	871	20044 A.3.2-70	1 open
20044 A.3.2-71	306	20044 A.3.2-71	1 PVP
20044 A.3.3-73	467	20044 A.3.3-73	1 NSF
20044 A.3.3-75	465	20044 A.3.3-75	1 PVP
20044 A.3.3-76	141	20044 A.3.3-76	1 open
20044 A.3.4-77	1293	20044 A.3.4-77	1 NSF
20044 A.3.4-78	1336	20044 A.3.4-78	1 open
20044 A.3.4-79	1335	20044 A.3.4-79	1 NSF
20044 P.2-33	234	20044 P.2-33	1 bacteremia
20044 P.2-34	1596	20044 P.2-34	1 open
20044 P.3-35	378	20044 P.3-35	1 Nephrocalcinosis
20044 P.3-37	138	20044 P.3-37	2 loma
20044 P.3-37	138	20044 P.3-37	1 bacteremia
20044 P.3-38	733	20044 P.3-38	1 open
20044 P.3-38	248	20044 P.3-38	1 NSF
20044 P.3-40	380	20044 P.3-40	1 bacterial kidney disease
20051 A.2.3-1	1507	20051 A.2.3-1	1 viral agent
20051 A.2.3-2	314	20051 A.2.3-2	1 viral agent
20051 A.2.3-4	520	20051 A.2.3-4	1 viral agent
20051 A.2.3-4	520	20051 A.2.3-4	2 PVP
20051 A.2.4-5	144	20051 A.2.4-5	1 open
20051 A.2.4-6	1705	20051 A.2.4-6	1 NSF
20051 A.2.4-8	1078	20051 A.2.4-8	1 PVP
20051 A.3.2-10	1581	20051 A.3.2-10	1 NSF
20051 A.3.2-11	211	20051 A.3.2-11	1 open
20051 A.3.2-12	306	20051 A.3.2-12	1 NSF
20051 A.3.2-14	790	20051 A.3.2-14	1 bacterial kidney disease
20051 A.3.3-15	520	20051 A.3.3-15	1 PVP
20051 A.3.3-16	869	20051 A.3.3-16	1 PVP
20051 A.3.3-17	467	20051 A.3.3-17	1 bacterial kidney disease
20051 A.3.3-19	466	20051 A.3.3-19	1 PVP
20051 A.3.4-20	892	20051 A.3.4-20	1 open
20051 A.3.4-21	1293	20051 A.3.4-21	1 NSF
20051 P.2-1	334	20051 P.2-1	1 viral agent
20051 P.2-2	233	20051 P.2-2	1 loma
20051 P.2-2	233	20051 P.2-2	2 viral agent
20051 P.2-3	1419	20051 P.2-3	1 Nephrocalcinosis
20051 P.3-4	380	20051 P.3-4	1 open
20051 P.3-5	1698	20051 P.3-5	1 NSF
20051 P.3-6	733	20051 P.3-6	1 viral agent
20051 P.3-7	247	20051 P.3-7	1 open
20051 P.3-8	247	20051 P.3-8	1 bacterial kidney disease
20052 A.2.3-23	543	20052 A.2.3-23	1 PVP
20052 A.2.3-24	1507	20052 A.2.3-24	1 PVP
20052 A.2.3-25	520	20052 A.2.3-25	1 viral agent
20052 A.2.3-26	527	20052 A.2.3-26	1 NSF
20052 A.2.4-28	144	20052 A.2.4-28	1 NSF
20052 A.3.2-31	304	20052 A.3.2-31	1 PVP
20052 A.3.2-33	306	20052 A.3.2-33	1 NSF
20052 A.3.2-34	1401	20052 A.3.2-34	1 PVP
20052 A.3.2-35	78	20052 A.3.2-35	1 bacterial kidney disease
20052 A.3.2-36	211	20052 A.3.2-36	1 PVP
20052 A.3.3-37	1300	20052 A.3.3-37	1 bacterial kidney disease
20052 A.3.3-38	136	20052 A.3.3-38	2 bacterial kidney disease
20052 A.3.3-38	143	20052 A.3.3-38	1 PVP
20052 A.3.3-41	520	20052 A.3.3-41	1 PVP
20052 A.3.3-42	141	20052 A.3.3-42	1 open
20052 A.3.3-43	819	20052 A.3.3-43	1 bacterial kidney disease
20052 A.3.4-44	1288	20052 A.3.4-44	1 NSF
20052 A.3.4-45	1293	20052 A.3.4-45	1 NSF
20052 P.2-9	1419	20052 P.2-9	1 loma
20052 P.3-11	1698	20052 P.3-11	1 marine anemia
20052 P.3-12	547	20052 P.3-12	1 open
20052 P.3-13	378	20052 P.3-13	1 NSF
20052 P.3-14	1697	20052 P.3-14	1 open
20053 A.2.3-47	543	20053 A.2.3-47	1 PVP
20053 A.2.3-48	227	20053 A.2.3-48	1 PVP
20053 A.2.3-50	1148	20053 A.2.3-50	1 open
20053 A.2.4-51	1705	20053 A.2.4-51	1 PVP
20053 A.2.4-52	144	20053 A.2.4-52	1 NSF
20053 A.2.4-53	1700	20053 A.2.4-53	1 NSF
20053 A.3.2-56	306	20053 A.3.2-56	1 NSF
20053 A.3.2-57	769	20053 A.3.2-57	1 PVP
20053 A.3.2-59	78	20053 A.3.2-59	1 bacterial kidney disease
20053 A.3.2-60	1136	20053 A.3.2-60	1 PVP
20053 A.3.3-62	819	20053 A.3.3-62	1 rickettsiosis
20053 A.3.3-63	820	20053 A.3.3-63	1 open
20053 A.3.3-66	1144	20053 A.3.3-66	1 PVP
20053 A.3.3-66	1144	20053 A.3.3-66	2 bacterial kidney disease
20053 A.3.4-67	1293	20053 A.3.4-67	1 open
20053 A.3.4-68	1336	20053 A.3.4-68	1 PVP
20053 A.3.4-69	1288	20053 A.3.4-69	1 open
20053 P.2-15	1419	20053 P.2-15	1 loma
20053 P.3-16	378	20053 P.3-16	1 open
20053 P.3-17	547	20053 P.3-17	1 loma
20053 P.3-18	248	20053 P.3-18	1 loma
20053 P.3-18	248	20053 P.3-18	2 marine anemia
20053 P.3-19	1698	20053 P.3-19	1 open
20053 P.3-20	1697	20053 P.3-20	1 open
20054 A.2.3-71	314	20054 A.2.3-71	1 rickettsiosis
20054 A.2.3-71	314	20054 A.2.3-71	2 PVP
20054 A.2.3-72	543	20054 A.2.3-72	1 PVP
20054 A.2.4-74	1338	20054 A.2.4-74	1 NSF
20054 A.2.4-75	1238	20054 A.2.4-75	1 PVP
20054 A.2.4-76	1705	20054 A.2.4-76	1 PVP
20054 A.3.2-78	304	20054 A.3.2-78	1 NSF
20054 A.3.2-80	1401	20054 A.3.2-80	1 NSF
20054 A.3.2-82	100	20054 A.3.2-82	1 PVP
20054 A.3.2-83	769	20054 A.3.2-83	1 PVP
20054 A.3.3-85	465	20054 A.3.3-85	1 NSF
20054 A.3.3-86	819	20054 A.3.3-86	1 rickettsiosis
20054 A.3.3-88	869	20054 A.3.3-88	1 NSF
20054 A.3.4-80	531	20054 A.3.4-80	1 NSF
20054 A.3.4-91	1288	20054 A.3.4-91	1 NSF
20054 A.3.4-92	1336	20054 A.3.4-92	1 PVP
20054 P.2-21	233	20054 P.2-21	1 bacterial kidney disease
20054 P.3-23	378	20054 P.3-23	1 NSF
20054 P.3-25	247	20054 P.3-25	1 NSF
20061 A.2.3-1	1472	20061 A.2.3-1	1 open
20061 A.2.3-2	1231	20061 A.2.3-2	0 open
20061 A.2.3-3	227	20061 A.2.3-3	0 open
20061 A.2.3-4	520	20061 A.2.3-4	1 viral agent
20061 A.2.3-5	314	20061 A.2.3-5	1 viral agent
20061 A.2.4-6	1078	20061 A.2.4-6	0
20061 A.2.4-6	1078	20061 A.2.4-6	1 open
20061 A.2.4-7	1238	20061 A.2.4-7	1 open
20061 A.2.4-8	1338	20061 A.2.4-8	1 NSF
20061 A.3.2-11	1626	20061 A.3.2-11	1 NSF
20061 A.3.2-12	780	20061 A.3.2-12	0 bacterial kidney disease
20061 A.3.2-13	100	20061 A.3.2-13	1 open
20061 A.3.2-14	78	20061 A.3.2-14	1 PVP
20061 A.3.3-15	1300	20061 A.3.3-15	1 PVP
20061 A.3.3-16	466	20061 A.3.3-16	1 open
20061 A.3.3-17	465	20061 A.3.3-17	1 open
20061 A.3.3-18	141	20061 A.3.3-18	1 PVP
20061 A.3.3-19	1144	20061 A.3.3-19	1 open
20061 A.3.3-19	1144	20061 A.3.3-19	0
20061 A.3.3-20	728	20061 A.3.3-20	1 septicemia
20061 A.3.3-21	467	20061 A.3.3-21	1 open
20061 A.3.4-23	1288	20061 A.3.4-23	1 open
20061 A.3.5-24	884	20061 A.3.5-24	1 open
20061 P.2-2	1419	20061 P.2-2	1 bacterial kidney disease
20061 P.2-2	1419	20061 P.2-2	2 open
20061 P.3-3	1697	20061 P.3-3	1 bacterial kidney disease
20061 P.3-3	1697	20061 P.3-3	2 loma
20061 P.3-5	137	20061 P.3-5	1 open
20062 A.2.3-26	1507	20062 A.2.3-26	1 open
20062 A.2.3-27	1291	20062 A.2.3-27	1 bacterial kidney disease
20062 A.2.3-28	1148	20062 A.2.3-28	1 NSF
20062 A.2.3-29	520	20062 A.2.3-29	1 open
20062 A.2.3-30	1472	20062 A.2.3-30	1 open
20062 A.2.4-32	1078	20062 A.2.4-32	1 open
20062 A.2.4-33	1738	20062 A.2.4-33	1 NSF
20062 A.3.2-35	1626	20062 A.3.2-35	1 open
20062 A.3.2-37	780	20062 A.3.2-37	1 bacterial kidney disease
20062 A.3.2-38	100	20062 A.3.2-38	1 bacterial kidney disease
20062 A.3.3-39	869	20062 A.3.3-39	1 open
20062 A.3.3-40	467	20062 A.3.3-40	1 PVP
20062 A.3.3-41	728	20062 A.3.3-41	1 bacterial kidney disease
20062 A.3.3-42	143	20062 A.3.3-42	1 open
20062 A.3.3-43	819	20062 A.3.3-43	1 open
20062 A.3.3-44	1144	20062 A.3.3-44	1 open
20062 A.3.4-46	892	20062 A.3.4-46	1 bacterial kidney disease
20062 A.3.4-47	1198	20062 A.3.4-47	1 open
20062 A.3.5-49	1580	20062 A.3.5-49	1 open
20062 P.2-7	1419	20062 P.2-7	1 bacterial kidney disease

20062 P.3-12	137	20062 P.3-12	1	bacterial kidney disease
20062 P.3-12	137	20062 P.3-12	2	open
20062 P.3-13	216	20062 P.3-13	1	bacterial kidney disease
20062 P.3-8	547	20062 P.3-8	1	bacterial kidney disease
20063 A.2-3-50	527	20063 A.2-3-50	1	NSF
20063 A.2-3-51	1148	20063 A.2-3-51	1	open
20063 A.2-4-52	1700	20063 A.2-4-52	1	open
20063 A.2-4-53	144	20063 A.2-4-53	2	rickettsiosis
20063 A.2-4-53	144	20063 A.2-4-53	1	bacterial kidney disease
20063 A.2-4-54	404	20063 A.2-4-54	1	bacterial kidney disease
20063 A.2-4-54	404	20063 A.2-4-54	2	open
20063 A.2-4-55	1237	20063 A.2-4-55	1	bacterial kidney disease
20063 A.3-2-57	306	20063 A.3-2-57	1	open
20063 A.3-2-58	1401	20063 A.3-2-58	1	open
20063 A.3-2-60	100	20063 A.3-2-60	1	bacterial kidney disease
20063 A.3-2-60	100	20063 A.3-2-60	2	open
20063 A.3-2-61	1136	20063 A.3-2-61	1	bacterial kidney disease
20063 A.3-2-61	1136	20063 A.3-2-61	1	open
20063 A.3-3-63	465	20063 A.3-3-63	1	open
20063 A.3-3-64	1825	20063 A.3-3-64	2	PVP
20063 A.3-3-64	1825	20063 A.3-3-64	1	net pen liver disease
20063 A.3-3-65	143	20063 A.3-3-65	1	open
20063 A.3-4-67	892	20063 A.3-4-67	1	bacterial kidney disease
20063 A.3-4-67	892	20063 A.3-4-67	2	net pen liver disease
20063 A.3-4-68	1335	20063 A.3-4-68	1	NSF
20063 A.3-4-69	1288	20063 A.3-4-69	1	NSF
20063 A.3-4-71	1293	20063 A.3-4-71	1	bacterial kidney disease
20063 A.3-5-72	1580	20063 A.3-5-72	1	NSF
20063 P.2-15	1596	20063 P.2-15	1	open
20063 P.2-15	1596	20063 P.2-15	2	rickettsiosis
20063 P.3-17	1697	20063 P.3-17	1	loma
20063 P.3-18	1698	20063 P.3-18	1	bacterial kidney disease
20064 A.2-3-74	1291	20064 A.2-3-74	1	open
20064 A.2-3-75	540	20064 A.2-3-75	1	rickettsiosis
20064 A.2-3-76	314	20064 A.2-3-76	1	septicemia
20064 A.2-3-77	527	20064 A.2-3-77	1	open
20064 A.2-4-78	1700	20064 A.2-4-78	1	turunculois
20064 A.2-4-78	1700	20064 A.2-4-78	2	vibro
20064 A.2-4-79	404	20064 A.2-4-79	1	bacterial kidney disease
20064 A.2-4-80	1705	20064 A.2-4-80	1	open
20064 A.3-2-82	378	20064 A.3-2-82	1	open
20064 A.3-2-82	378	20064 A.3-2-82	2	PVP
20064 A.3-2-83	1401	20064 A.3-2-83	1	open
20064 A.3-2-84	1581	20064 A.3-2-84	1	bacteremia
20064 A.3-2-84	1581	20064 A.3-2-84	2	open
20064 A.3-2-85	304	20064 A.3-2-85	1	open
20064 A.3-2-85	304	20064 A.3-2-85	2	acute respiratory necrosis
20064 A.3-2-86	306	20064 A.3-2-86	1	open
20064 A.3-3-88	820	20064 A.3-3-88	1	open
20064 A.3-3-90	1300	20064 A.3-3-90	2	open
20064 A.3-3-90	1300	20064 A.3-3-90	1	bacterial kidney disease
20064 A.3-3-91	465	20064 A.3-3-91	1	open
20064 A.3-3-92	728	20064 A.3-3-92	1	acute respiratory necrosis
20064 A.3-3-92	728	20064 A.3-3-92	2	open
20064 P.2-20	1596	20064 P.2-20	1	rickettsiosis
20064 P.2-20	1596	20064 P.2-20	2	loma
20064 P.2-20	1596	20064 P.2-20	3	open
20064 P.2-21	776	20064 P.2-21	1	loma
20064 P.2-21	776	20064 P.2-21	2	bacterial kidney disease
20064 P.2-21	776	20064 P.2-21	3	rickettsiosis
20064 P.3-22	216	20064 P.3-22	1	open
20064 P.3-24	137	20064 P.3-24	2	open
20064 P.3-24	137	20064 P.3-24	1	loma
20071 A.2-3-1	1148	20071 A.2-3-1	0	parasitic encephalitis
20071 A.2-3-2	527	20071 A.2-3-2	1	viral agent
20071 A.2-3-3	540	20071 A.2-3-3	1	open
20071 A.2-3-3	540	20071 A.2-3-3	2	brain hemorrhage
20071 A.2-3-4	314	20071 A.2-3-4	1	viral agent
20071 A.2-4-5	1683	20071 A.2-4-5	1	open
20071 A.2-4-6	1738	20071 A.2-4-6	2	viral agent
20071 A.2-4-6	1738	20071 A.2-4-6	3	brain hemorrhage
20071 A.2-4-6	1738	20071 A.2-4-6	1	stomatitis
20071 A.2-4-7	1700	20071 A.2-4-7	1	bacterial kidney disease
20071 A.2-4-7	1700	20071 A.2-4-7	0	parasitic encephalitis
20071 A.2-4-7	1700	20071 A.2-4-7	2	brain hemorrhage
20071 A.2-4-8	1237	20071 A.2-4-8	3	rickettsiosis
20071 A.2-4-8	1237	20071 A.2-4-8	2	open
20071 A.2-4-8	1237	20071 A.2-4-8	1	bacterial kidney disease
20071 A.3-2-10	378	20071 A.3-2-10	0	brain hemorrhage
20071 A.3-2-10	378	20071 A.3-2-10	1	open
20071 A.3-2-11	100	20071 A.3-2-11	1	bacterial kidney disease
20071 A.3-2-12	211	20071 A.3-2-12	1	ERM
20071 A.3-2-12	211	20071 A.3-2-12	2	open
20071 A.3-2-12	211	20071 A.3-2-12	3	PVP
20071 A.3-2-13	1164	20071 A.3-2-13	0	stomatitis
20071 A.3-2-14	304	20071 A.3-2-14	1	open
20071 A.3-2-14	304	20071 A.3-2-14	2	brain hemorrhage
20071 A.3-3-15	141	20071 A.3-3-15	1	open
20071 A.3-3-15	141	20071 A.3-3-15	0	parasitic encephalitis
20071 A.3-3-16	819	20071 A.3-3-16	1	viral agent
20071 A.3-3-17	1825	20071 A.3-3-17	2	open
20071 A.3-3-17	1825	20071 A.3-3-17	1	bacterial kidney disease
20071 A.3-3-17	1825	20071 A.3-3-17	3	brain hemorrhage
20071 A.3-3-18	869	20071 A.3-3-18	2	viral agent
20071 A.3-3-18	869	20071 A.3-3-18	0	brain hemorrhage
20071 A.3-3-19	728	20071 A.3-3-19	1	bacterial kidney disease
20071 A.3-3-19	728	20071 A.3-3-19	2	open
20071 A.3-3-19	728	20071 A.3-3-19	0	
20071 A.3-3-20	520	20071 A.3-3-20	1	open
20071 A.3-4-21	831	20071 A.3-4-21	1	bacterial kidney disease
20071 A.3-4-21	831	20071 A.3-4-21	2	brain hemorrhage
20071 A.3-4-22	1288	20071 A.3-4-22	1	bacterial kidney disease
20071 A.3-4-22	1288	20071 A.3-4-22	2	brain hemorrhage
20071 A.3-4-23	1350	20071 A.3-4-23	1	bacterial kidney disease
20071 A.3-4-23	1350	20071 A.3-4-23	2	open
20071 A.3-4-24	1293	20071 A.3-4-24	1	bacterial kidney disease
20071 A.3-5-25	1580	20071 A.3-5-25	1	open
20071 P.2-1	1596	20071 P.2-1	1	open
20071 P.3-2	137	20071 P.3-2	1	bacterial kidney disease
20071 P.3-2	137	20071 P.3-2	2	loma
20071 P.3-3	1697	20071 P.3-3	1	bacterial kidney disease
20072 A.2-3-26	520	20072 A.2-3-26	1	open
20072 A.2-3-26	520	20072 A.2-3-26	0	Parasitic encephalitis
20072 A.2-3-27	114	20072 A.2-3-27	1	viral agent
20072 A.2-3-28	1537	20072 A.2-3-28	0	brain hemorrhage
20072 A.2-3-28	1537	20072 A.2-3-28	1	parasitic meningitis
20072 A.2-3-29	1148	20072 A.2-3-29	0	parasitic encephalitis
20072 A.2-3-29	1148	20072 A.2-3-29	1	open
20072 A.2-3-30	227	20072 A.2-3-30	0	stomatitis
20072 A.2-3-30	227	20072 A.2-3-30	1	brain hemorrhage
20072 A.2-4-31	1079	20072 A.2-4-31	1	open
20072 A.2-4-31	1079	20072 A.2-4-31	2	brain hemorrhage
20072 A.2-4-32	1863	20072 A.2-4-32	1	open
20072 A.2-4-32	1863	20072 A.2-4-32	0	stomatitis
20072 A.2-4-33	1738	20072 A.2-4-33	0	brain hemorrhage
20072 A.2-4-33	1738	20072 A.2-4-33	1	bacterial kidney disease
20072 A.2-4-34	144	20072 A.2-4-34	1	open
20072 A.2-3-37	378	20072 A.3-2-37	1	open
20072 A.2-3-37	378	20072 A.3-2-37	0	brain hemorrhage
20072 A.3-2-38	1581	20072 A.3-2-38	1	open
20072 A.3-2-39	211	20072 A.3-2-39	0	stomatitis
20072 A.3-2-39	211	20072 A.3-2-39	1	open
20072 A.3-2-40	871	20072 A.3-2-40	0	stomatitis
20072 A.3-2-41	100	20072 A.3-2-41	1	open
20072 A.3-2-41	100	20072 A.3-2-41	0	brain hemorrhage
20072 A.3-3-42	466	20072 A.3-3-42	0	stomatitis
20072 A.3-3-42	466	20072 A.3-3-42	1	open
20072 A.3-3-43	1825	20072 A.3-3-43	0	brain hemorrhage
20072 A.3-3-43	1825	20072 A.3-3-43	1	open
20072 A.3-3-44	465	20072 A.3-3-44	1	bacterial kidney disease
20072 A.3-3-44	465	20072 A.3-3-44	2	viral agent
20072 A.3-3-45	136	20072 A.3-3-45	1	brain hemorrhage
20072 A.3-3-47	141	20072 A.3-3-47	1	open
20072 A.3-3-47	141	20072 A.3-3-47	0	brain hemorrhage
20072 A.3-4-48	1350	20072 A.3-4-48	1	bacterial kidney disease
20072 A.3-4-49	1293	20072 A.3-4-49	2	open
20072 A.3-4-49	1293	20072 A.3-4-49	1	bacterial kidney disease
20072 A.3-4-50	831	20072 A.3-4-50	2	open
20072 A.3-4-50	831	20072 A.3-4-50	1	bacterial kidney disease
20072 A.3-5-52	884	20072 A.3-5-52	1	open
20072 A.3-5-52	884	20072 A.3-5-52	0	brain hemorrhage
20072 P.2-6	1419	20072 P.2-6	1	bacterial kidney disease
20072 P.3-7	137	20072 P.3-7	2	loma
20072 P.3-7	137	20072 P.3-7	1	bacterial kidney disease
20072 P.3-8	1698	20072 P.3-8	1	bacterial kidney disease
20072 P.3-8	1698	20072 P.3-8	2	open
20073 A.2-3-53	543	20073 A.2-3-53	0	brain hemorrhage
20073 A.2-3-53	543	20073 A.2-3-53	1	open
20073 A.2-3-54	1507	20073 A.2-3-54	2	rickettsiosis
20073 A.2-3-54	1507	20073 A.2-3-54	1	open
20073 A.2-3-55	234	20073 A.2-3-55	3	open
20073 A.2-3-55	234	20073 A.2-3-55	0	parasitic meningitis
20073 A.2-3-55	234	20073 A.2-3-55	0	brain hemorrhage
20073 A.2-3-55	234	20073 A.2-3-55	1	
20073 A.2-3-56	227	20073 A.2-3-56	1	open
20073 A.2-3-56	227	20073 A.2-3-56	0	brain hemorrhage
20073 A.2-3-57	314	20073 A.2-3-57	1	open
20073 A.2-4-58	1338	20073 A.2-4-58	1	open
20073 A.2-4-59	1788	20073 A.2-4-59	1	open
20073 A.2-4-61	1700	20073 A.2-4-61	3	microsporidial infection
20073 A.2-4-61	1700	20073 A.2-4-61	2	open
20073 A.2-4-61	1700	20073 A.2-4-61	1	bacterial kidney disease
20073 A.3-2-63	553	20073 A.3-2-63	1	open
20073 A.3-2-63	553	20073 A.3-2-63	0	brain hemorrhage
20073 A.3-2-64	76	20073 A.3-2-64	0	stomatitis
20073 A.3-2-65	100	20073 A.3-2-65	3	stomatitis
20073 A.3-2-65	100	20073 A.3-2-65	2	acute respiratory necrosis
20073 A.3-2-65	100	20073 A.3-2-65	1	net pen liver disease
20073 A.3-2-66	211	20073 A.3-2-66	0	stomatitis
20073 A.3-2-66	211	20073 A.3-2-66	1	open
20073 A.3-2-67	1164	20073 A.3-2-67	2	PVP
20073 A.3-2-67	1164	20073 A.3-2-67	1	open
20073 A.3-2-68	1401	20073 A.3-2-68	0	brain hemorrhage
20073 A.3-2-68	1401	20073 A.3-2-68	1	open
20073 A.3-2-68	1401	20073 A.3-2-68	2	parasitic meningitis
20073 A.3-3-69	1300	20073 A.3-3-69	0	stomatitis

20073	A.3.3-69	1300	20073	A.3.3-69	1	open
20073	A.3.3-70	466	20073	A.3.3-70	1	open
20073	A.3.3-72	620	20073	A.3.3-72	1	open
20073	A.3.3-73	143	20073	A.3.3-73	1	open
20073	A.3.3-74	136	20073	A.3.3-74	1	open
20073	A.3.3-74	136	20073	A.3.3-74	0	parasitic meningitis
20073	A.3.4-75	1288	20073	A.3.4-75	1	bacterial kidney disease
20073	A.3.4-76	892	20073	A.3.4-76	1	open
20073	A.3.4-77	1350	20073	A.3.4-77	1	bacterial kidney disease
20073	P.2-9	244	20073	P.2-9	3	viral agent
20073	P.2-9	244	20073	P.2-9	1	bacterial kidney disease
20073	P.2-9	244	20073	P.2-9	2	oma
20073	P.3-10	1698	20073	P.3-10	2	brain hemorrhage
20073	P.3-10	1698	20073	P.3-10	1	bacterial kidney disease
20074	A.2.3-80	314	20074	A.2.3-80	1	open
20074	A.2.3-81	543	20074	A.2.3-81	1	rickettsiosis
20074	A.2.3-82	1507	20074	A.2.3-82	1	rickettsiosis
20074	A.2.3-82	1507	20074	A.2.3-82	4	open
20074	A.2.3-82	1507	20074	A.2.3-82	2	parasitic meningitis
20074	A.2.3-82	1507	20074	A.2.3-82	3	parasitic encephalitis
20074	A.2.3-83	527	20074	A.2.3-83	1	rickettsiosis
20074	A.2.3-83	527	20074	A.2.3-83	2	open
20074	A.2.3-84	227	20074	A.2.3-84	3	open
20074	A.2.3-84	227	20074	A.2.3-84	1	rickettsiosis
20074	A.2.3-84	227	20074	A.2.3-84	2	parasitic encephalitis
20074	A.2.4-85	1705	20074	A.2.4-85	1	microspoidal infection
20074	A.2.4-85	1705	20074	A.2.4-85	3	open
20074	A.2.4-85	1705	20074	A.2.4-85	2	brain hemorrhage
20074	A.2.4-86	1338	20074	A.2.4-86	1	bacterial kidney disease
20074	A.2.4-86	1338	20074	A.2.4-86	2	brain hemorrhage
20074	A.2.4-87	1700	20074	A.2.4-87	5	microspoidal infection
20074	A.2.4-87	1700	20074	A.2.4-87	4	brain hemorrhage
20074	A.2.4-87	1700	20074	A.2.4-87	2	rickettsiosis
20074	A.2.4-87	1700	20074	A.2.4-87	1	bacterial kidney disease
20074	A.2.4-87	1700	20074	A.2.4-87	3	furunculosis
20074	A.2.4-88	404	20074	A.2.4-88	1	bacterial kidney disease
20074	A.3.2-90	769	20074	A.3.2-90	2	open
20074	A.3.2-90	769	20074	A.3.2-90	1	stomatitis
20074	A.3.2-91	1164	20074	A.3.2-91	1	open
20074	A.3.2-92	100	20074	A.3.2-92	2	brain hemorrhage
20074	A.3.2-92	100	20074	A.3.2-92	1	open
20074	A.3.2-93	306	20074	A.3.2-93	1	open
20074	A.3.2-93	306	20074	A.3.2-93	2	brain hemorrhage
20074	A.3.2-94	1581	20074	A.3.2-94	1	open
20074	A.3.2-94	1581	20074	A.3.2-94	2	brain hemorrhage
20074	A.3.2-95	304	20074	A.3.2-95	1	open
20074	A.3.3-101	465	20074	A.3.3-101	3	open
20074	A.3.3-101	465	20074	A.3.3-101	2	parasitic encephalitis
20074	A.3.3-101	465	20074	A.3.3-101	1	brain hemorrhage
20074	A.3.3-98	1300	20074	A.3.3-98	1	open
20074	A.3.3-99	728	20074	A.3.3-99	2	brain hemorrhage
20074	A.3.3-99	728	20074	A.3.3-99	1	open
20074	A.3.4-102	1293	20074	A.3.4-102	1	bacterial kidney disease
20074	A.3.4-102	1293	20074	A.3.4-102	2	open
20074	A.3.4-103	892	20074	A.3.4-103	1	open
20074	P.2-12	1419	20074	P.2-12	1	rickettsiosis
20074	P.2-12	1419	20074	P.2-12	2	oma
20074	P.3-13	1697	20074	P.3-13	1	open
20074	P.3-16	216	20074	P.3-16	1	bacterial kidney disease

Concatenated	BGF	YearQ	FarmCode	DXNum	TentDX	Desc	Extra
20024 A.2-3-32	56	20024	A.2-3-32		1	open	
20024 A.2-3-42	520	20024	A.2-3-42		1	open	
20024 A.2-3-43	527	20024	A.2-3-43		1	IBKD	
20024 A.2-3-43	527	20024	A.2-3-43		2	IHNV	
20024 A.2-3-47	1291	20024	A.2-3-47		1	IHNV	
20024 A.2-3-50	227	20024	A.2-3-50		1	rickettsiosis	
20024 A.2-4-11	404	20024	A.2-4-11		1	open	
20024 A.2-4-12	1078	20024	A.2-4-12		1	open	
20024 A.3-2-21	304	20024	A.3-2-21		1	open	
20024 A.3-2-22	306	20024	A.3-2-22		1	open	
20024 A.3-2-29	553	20024	A.3-2-29		1	IBKD	
20024 A.3-2-29	553	20024	A.3-2-29		2	IHNV	
20024 A.3-3-44	141	20024	A.3-3-44		1	open	
20024 A.3-3-48	466	20024	A.3-3-48		1	open	
20024 A.3-3-49	467	20024	A.3-3-49		1	open	
20024 A.3-4-16	1335	20024	A.3-4-16		1	IBKD	
20024 A.3-4-21	1288	20024	A.3-4-21		1	IHNV	
20024 A.3-4-23	1350	20024	A.3-4-23		1	open	
20024 A.3-4-24	831	20024	A.3-4-24		1	open	
20024 P.2-16	776	20024	P.2-16		2	Loma	
20024 P.2-18	112	20024	P.2-18		1	open	
20024 P.2-20	1554	20024	P.2-20		1	open	
20024 P.2-24	456	20024	P.2-24		1	open	
20024 P.3-20	216	20024	P.3-20		1	open	
20024 P.3-27	769	20024	P.3-27		1	IBKD	
20031 A.2-3-11	314	20031	A.2-3-11		1	IHNV	
20031 A.2-3-17	520	20031	A.2-3-17		1	open	
20031 A.2-3-17	520	20031	A.2-3-17		2	IHNV	
20031 A.2-3-7	56	20031	A.2-3-7		1	open	
20031 A.2-4-1	404	20031	A.2-4-1		1	IBKD	
20031 A.2-4-1	404	20031	A.2-4-1		2	septicemia	
20031 A.2-4-3	1078	20031	A.2-4-3		1	mouth myxobacteriosis	
20031 A.2-4-7	1237	20031	A.2-4-7		1	open	
20031 A.3-2-12	211	20031	A.3-2-12		1	open	
20031 A.3-2-12	211	20031	A.3-2-12		2	post vaccination peritonitis	
20031 A.3-2-2	304	20031	A.3-2-2		1	open	
20031 A.3-3-15	142	20031	A.3-3-15		1	open	
20031 A.3-3-16	143	20031	A.3-3-16		1	mouth myxobacteriosis	
20031 A.3-3-2	136	20031	A.3-3-2		1	open	
20031 A.3-3-5	819	20031	A.3-3-5		1	mouth myxobacteriosis	
20031 A.3-4-11	1351	20031	A.3-4-11		1	open	
20031 A.3-4-5	884	20031	A.3-4-5		1	septicemia	
20031 A.3-4-9	631	20031	A.3-4-9		1	IHNV	
20031 P.2-5	776	20031	P.2-5		1	open	
20031 P.2-6	1206	20031	P.2-6		1	marine anemia	
20031 P.2-6	1206	20031	P.2-6		2	rhabdosis	
20031 P.3-12	547	20031	P.3-12		1	open	
20031 P.3-14	733	20031	P.3-14		1	IBKD	
20031 P.3-15	1580	20031	P.3-15		1	open	
20031 P.3-9	137	20031	P.3-9		1	open	
20032 A.2-3-32	56	20032	A.2-3-32		1	open	
20032 A.2-3-34	1507	20032	A.2-3-34		1	open	
20032 A.2-3-43	1472	20032	A.2-3-43		1	open	
20032 A.2-3-45	527	20032	A.2-3-45		1	open	
20032 A.2-4-12	1078	20032	A.2-4-12		1	open	
20032 A.2-4-13	1862	20032	A.2-4-13		1	post vaccination peritonitis	
20032 A.2-4-14	1079	20032	A.2-4-14		1	furunculosis	
20032 A.2-4-18	1238	20032	A.2-4-18		1	open	
20032 A.3-2-24	100	20032	A.3-2-24		1	post vaccination peritonitis	
20032 A.3-2-43	1136	20032	A.3-2-43		1	open	
20032 A.3-3-33	136	20032	A.3-3-33		1	post vaccination peritonitis	
20032 A.3-3-47	143	20032	A.3-3-47		1	open	
20032 A.3-3-49	466	20032	A.3-3-49		1	open	
20032 A.3-4-17	1336	20032	A.3-4-17		1	furunculosis	
20032 A.3-4-23	1351	20032	A.3-4-23		1	open	
20032 A.3-4-25	1198	20032	A.3-4-25		1	open	
20032 P.2-14	233	20032	P.2-14		1	open	
20032 P.2-19	1426	20032	P.2-19		1	Loma	
20032 P.2-22	1158	20032	P.2-22		1	open	
20032 P.2-23	1554	20032	P.2-23		1	open	
20032 P.2-23	216	20032	P.2-23		1	IBKD	
20032 P.3-28	248	20032	P.3-28		1	IBKD	
20032 P.3-30	769	20032	P.3-30		1	IBKD	
20032 P.3-33	1580	20032	P.3-33		1	open	
20033 A.2-3-21	270	20033	A.2-3-21		1	septicemia	
20033 A.2-3-27	56	20033	A.2-3-27		1	open	
20033 A.2-3-45	1507	20033	A.2-3-45		1	open	
20033 A.2-4-21	404	20033	A.2-4-21		1	open	
20033 A.2-4-22	1078	20033	A.2-4-22		1	open	
20033 A.2-4-28	1238	20033	A.2-4-28		1	open	
20033 A.3-2-22	304	20033	A.3-2-22		1	lupal bloom	
20033 A.3-2-28	100	20033	A.3-2-28		1	open	
20033 A.3-2-31	211	20033	A.3-2-31		1	open	
20033 A.3-2-31	211	20033	A.3-2-31		2	open	
20033 A.3-2-32	1136	20033	A.3-2-32		1	open	
20033 A.3-3-25	819	20033	A.3-3-25		1	open	
20033 A.3-3-26	869	20033	A.3-3-26		1	open	
20033 A.3-3-36	143	20033	A.3-3-36		2	mouth myxobacteriosis	
20033 A.3-3-37	465	20033	A.3-3-37		1	open	
20033 A.3-4-22	1336	20033	A.3-4-22		1	open	
20033 A.3-4-26	631	20033	A.3-4-26		1	open	
20033 A.3-4-28	1351	20033	A.3-4-28		1	open	
20033 P.2-22	244	20033	P.2-22		1	open	
20033 P.2-28	1158	20033	P.2-28		1	open	
20033 P.2-29	1554	20033	P.2-29		1	open	
20033 P.2-33	543	20033	P.2-33		1	open	
20033 P.3-29	137	20033	P.3-29		1	open	
20033 P.3-35	1580	20033	P.3-35		1	open	
20033 P.3-37	1626	20033	P.3-37		1	open	
20034 A.2-3-38	380	20034	P.3-38		1	IBKD	
20034 A.2-3-48	1291	20034	A.2-3-48		1	open	
20034 A.2-3-49	270	20034	A.2-3-49		2	open	
20034 A.2-3-50	234	20034	A.2-3-50		1	open	
20034 A.2-4-51	1238	20034	A.2-4-51		1	open	
20034 A.2-4-52	1078	20034	A.2-4-52		1	open	
20034 A.2-4-53	404	20034	A.2-4-53		1	open	
20034 A.3-2-54	100	20034	A.3-2-54		1	IBKD	
20034 A.3-2-55	211	20034	A.3-2-55		1	open	
20034 A.3-3-56	869	20034	A.3-3-56		1	open	
20034 A.3-3-57	465	20034	A.3-3-57		1	open	
20034 A.3-3-58	136	20034	A.3-3-58		1	open	
20034 A.3-3-59	819	20034	A.3-3-59		1	open	
20034 A.3-3-60	1144	20034	A.3-3-60		1	open	
20034 A.3-4-61	831	20034	A.3-4-61		1	septicemia	
20034 A.3-4-62	1336	20034	A.3-4-62		1	open	
20034 P.2-40	244	20034	P.2-40		1	rickettsiosis	
20034 P.2-41	233	20034	P.2-41		1	open	
20034 P.2-43	1596	20034	P.2-43		1	open	
20034 P.2-44	543	20034	P.2-44		1	open	
20034 P.3-45	380	20034	P.3-45		1	open	
20034 P.3-46	388	20034	P.3-46		1	open	
20034 P.3-47	769	20034	P.3-47		1	open	
20034 P.3-49	137	20034	P.3-49		1	IBKD	
20034 P.3-50	138	20034	P.3-50		1	open	
20034 P.3-51	1626	20034	P.3-51		1	IBKD	
20034 P.3-52	133	20034	P.3-52		1	open	
20041 A.2-3-1	520	20041	A.2-3-1		1	mouth myxobacteriosis	
20041 A.2-3-2	527	20041	A.2-3-2		1	open	
20041 A.2-3-3	1291	20041	A.2-3-3		1	1 Viral Hemorrhagic Septicemia	
20041 A.2-4-5	1079	20041	A.2-4-5		1	open	
20041 A.2-4-6	1078	20041	A.2-4-6		1	open	
20041 A.2-4-7	1700	20041	A.2-4-7		1	post vaccination peritonitis	
20041 A.2-4-8	1338	20041	A.2-4-8		1	open	
20041 A.3-2-10	304	20041	A.3-2-10		1	open	
20041 A.3-2-11	100	20041	A.3-2-11		1	septicemia	
20041 A.3-3-12	728	20041	A.3-3-12		1	open	
20041 A.3-3-13	869	20041	A.3-3-13		1	open	
20041 A.3-3-14	136	20041	A.3-3-14		1	mouth myxobacteriosis	
20041 A.3-3-14	136	20041	A.3-3-14		2	post vaccination peritonitis	
20041 A.3-3-15	820	20041	A.3-3-15		1	open	
20041 A.3-3-16	819	20041	A.3-3-16		1	open	
20041 A.3-3-17	1144	20041	A.3-3-17		1	open	
20041 A.3-4-18	1338	20041	A.3-4-18		1	open	
20041 P.2-1	244	20041	P.2-1		1	marine anemia	
20041 P.2-2	233	20041	P.2-2		1	open	
20041 P.2-2	233	20041	P.2-2		2	IBKD	
20041 P.2-3	1159	20041	P.2-3		1	IBKD	
20041 P.2-4	1158	20041	P.2-4		1	IBKD	
20041 P.2-5	112	20041	P.2-5		1	IBKD	
20041 P.3-10	1626	20041	P.3-10		1	IBKD	
20041 P.3-11	380	20041	P.3-11		1	nephrocalcinosis	
20041 P.3-6	769	20041	P.3-6		1	IBKD	
20041 P.3-7	216	20041	P.3-7		1	IBKD	
20041 P.3-8	733	20041	P.3-8		1	IBKD	
20042 A.2-3-19	1507	20042	A.2-3-19		1	1 Viral Hemorrhagic Septicemia	
20042 A.2-3-19	1507	20042	A.2-3-19		2		
20042 A.2-3-20	527	20042	A.2-3-20		1	Mouth myxobacteriosis	
20042 A.2-3-21	520	20042	A.2-3-21		1	Mouth myxobacteriosis	
20042 A.2-4-22	404	20042	A.2-4-22		1	open	
20042 A.2-4-24	1338	20042	A.2-4-24		1	open	
20042 A.2-4-24	1338	20042	A.2-4-24		2		
20042 A.2-4-24	1338	20042	A.2-4-24		3		
20042 A.2-4-25	1238	20042	A.2-4-25		1	open	
20042 A.3-2-29	304	20042	A.3-2-29		1	post vaccination peritonitis	
20042 A.3-2-30	1401	20042	A.3-2-30		1	post vaccination peritonitis	
20042 A.3-3-31	1144	20042	A.3-3-31		1	open	
20042 A.3-3-32	143	20042	A.3-3-32		1	septicemia	
20042 A.3-3-35	820	20042	A.3-3-35		1	mouth myxobacteriosis	
20042 A.3-3-35	820	20042	A.3-3-35		2	post vaccination peritonitis	
20042 A.3-4-37	1288	20042	A.3-4-37		1	mouth myxobacteriosis	
20042 A.3-4-38	1335	20042	A.3-4-38		1	open	
20042 P.2-13	776	20042	P				

20043 A.3.2-51	100	20043	A.3.2-51	1	1BKD		
20043 A.3.3-53	869	20043	A.3.3-53	1	1BKD		
20043 P.2-24	112	20043	P.2-24	2	2BKD		
20043 P.2-24	112	20043	P.2-24	1	1algal bloom		
20043 P.3-28	1626	20043	P.3-28	1	1BKD		
20043 P.3-28	388	20043	P.3-28	1	1BKD		
20044 A.2.3-62	527	20044	A.2.3-62	1	1rickettsiosis		
20044 P.2-33	234	20044	P.2-33	1	1BKD		
20044 P.3-37	138	20044	P.3-37	1	1 marine anemia		
20044 P.3-38	733	20044	P.3-38	1	1BKD		
20044 P.3-39	248	20044	P.3-39	1	1BKD		
20044 P.3-40	380	20044	P.3-40	1	1BKD		
20051 A.3.2-14	790	20051	A.3.2-14	1	1BKD		
20051 A.3.3-17	467	20051	A.3.3-17	1	1BKD		
20052 A.3.3-39	143	20052	A.3.3-39	1	1mouth myxobacteriosis		
20053 A.2.3-47	543	20053	A.2.3-47	1	1 post vaccination peritonitis		
20053 A.2.3-47	543	20053	A.2.3-47	2	2mouth myxobacteriosis		
20053 A.2.4-51	1705	20053	A.2.4-51	1	1mouth myxobacteriosis		
20053 A.3.2-57	769	20053	A.3.2-57	1	1mouth myxobacteriosis		
20053 A.3.3-65	728	20053	A.3.3-65	1	1rickettsiosis		
20061 A.2.3-1	1472	20061	A.2.3-1	1	1open		
20061 A.2.3-4	520	20061	A.2.3-4	1	1Viral Hemorrhagic Septecemia		
20061 A.2.3-5	314	20061	A.2.3-5	1	1open		
20061 A.2.4-6	1078	20061	A.2.4-6	2	2mouth myxobacteriosis		
20061 A.3.2-13	100	20061	A.3.2-13	1	1open		
20061 A.3.2-14	78	20061	A.3.2-14	1	1BKD		
20061 A.3.3-16	466	20061	A.3.3-16	1	1mouth myxobacteriosis		
20061 A.3.3-18	141	20061	A.3.3-18	1	1		
20061 P.2-2	1419	20061	P.2-2	1	1BKD		
20061 P.3-3	1697	20061	P.3-3	1	1 marine anaemia		
20062 A.2.4-32	1076	20062	A.2.4-32	1	1		
20062 A.2.4-32	1076	20062	A.2.4-32	2	2mouth myxobacteriosis		
20062 A.3.2-37	790	20062	A.3.2-37	1	1BKD		
20062 A.3.3-38	100	20062	A.3.3-38	1	1BKD		
20062 A.3.3-39	869	20062	A.3.3-39	1	1rickettsiosis		
20062 A.3.4-45	1288	20062	A.3.4-45	1	1mouth myxobacteriosis		
20062 A.3.4-46	862	20062	A.3.4-46	1	1BKD		
20062 A.3.5-49	1580	20062	A.3.5-49	1	1mouth myxobacteriosis		
20062 P.2-7	1419	20062	P.2-7	1	1BKD		
20062 P.3-8	547	20062	P.3-8	1	1BKD		
20063 A.2.4-54	404	20063	A.2.4-54	1	1mouth myxobacteriosis		
20063 A.3.4-71	1293	20063	A.3.4-71	1	1BKD		
20063 A.3.4-71	1293	20063	A.3.4-71	2	2mouth myxobacteriosis		
20064 A.2.3-75	540	20064	A.2.3-75	1	1rickettsiosis		
20064 P.3-24	137	20064	P.3-24	3	3 marine anemia		
20064 P.3-24	137	20064	P.3-24	2	2Loma		
20071 A.2.3-2	527	20071	A.2.3-2	1	1Viral Hemorrhagic Septecemia		
20071 A.2.3-4	314	20071	A.2.3-4	1	1Viral Hemorrhagic Septecemia		
20071 A.2.4-5	1863	20071	A.2.4-5	1	1mouth myxobacteriosis		
20071 A.2.4-6	1738	20071	A.2.4-6	1	1mouth myxobacteriosis		
20071 A.2.4-6	1738	20071	A.2.4-6	2	2Viral Hemorrhagic Septecemia		
20071 A.2.4-7	1700	20071	A.2.4-7	1	1BKD		
20071 A.3.2-11	100	20071	A.3.2-11	1	1BKD		
20071 A.3.2-12	211	20071	A.3.2-12	1	1mouth myxobacteriosis		
20071 A.3.2-13	1164	20071	A.3.2-13	1	1mouth myxobacteriosis		
20071 A.3.3-16	819	20071	A.3.3-16	1	1Viral Hemorrhagic Septecemia		
20071 A.3.3-19	728	20071	A.3.3-19	1	1No Significant Findings		
20071 A.3.4-21	831	20071	A.3.4-21	1	1BKD		
20071 A.3.4-22	1288	20071	A.3.4-22	1	1BKD		
20071 A.3.4-23	1350	20071	A.3.4-23	1	1BKD		
20071 A.3.4-24	1293	20071	A.3.4-24	1	1BKD		
20071 P.3-2	137	20071	P.3-2	2	2Loma		
20071 P.3-2	137	20071	P.3-2	1	1BKD		
20071 P.3-3	1697	20071	P.3-3	1	1BKD		
20072 A.2.3-26	520	20072	A.2.3-26	1	1 parasitic encephalitis		
20072 A.2.3-30	227	20072	A.2.3-30	1	1mouth myxobacteriosis		
20072 A.2.4-31	1079	20072	A.2.4-31	1	1mouth myxobacteriosis		
20072 A.2.4-33	1738	20072	A.2.4-33	1	1Viral Hemorrhagic Septecemia		
20072 A.3.2-36	1561	20072	A.3.2-36	1	1mouth myxobacteriosis		
20072 A.3.2-39	211	20072	A.3.2-39	1	1mouth myxobacteriosis		
20072 A.3.2-40	871	20072	A.3.2-40	1	1mouth myxobacteriosis		
20072 A.3.3-42	466	20072	A.3.3-42	1	1mouth myxobacteriosis		
20072 A.3.3-45	136	20072	A.3.3-45	1	1enteric redmouth disease		
20072 A.3.3-46	820	20072	A.3.3-46	1	1No Significant Findings		
20072 A.3.4-48	1350	20072	A.3.4-48	1	1BKD		
20072 P.3-7	137	20072	P.3-7	2	2Loma		
20072 P.3-7	137	20072	P.3-7	1	1BKD		
20072 P.3-8	1698	20072	P.3-8	1	1BKD		
20072 P.3-8	1698	20072	P.3-8	2	2haemolytic anaemia		
20073 A.2.3-53	543	20073	A.2.3-53	1	1mouth myxobacteriosis		
20073 A.2.3-54	1507	20073	A.2.3-54	1	1septicemia		
20073 A.3.2-64	78	20073	A.3.2-64	1	1mouth myxobacteriosis		
20073 A.3.2-65	100	20073	A.3.2-65	2	2mouth myxobacteriosis		
20073 A.3.2-65	100	20073	A.3.2-65	1	1algal bloom		
20073 P.2-9	244	20073	P.2-9	2	2Loma		
20073 P.2-9	244	20073	P.2-9	1	1BKD		
20073 P.3-10	1698	20073	P.3-10	1	1Loma		
20074 A.2.3-81	543	20074	A.2.3-81	1	1rickettsiosis		
20074 A.3.2-91	1164	20074	A.3.2-91	1	1		

Concatenated	BCF	YearQ	FarmCode	DXNum	FarmDX	Desc	Extra
20024 A.2-3-2	56	20024	A.2-3-2	1	1BKD		
20024 A.2-3-42	520	20024	A.2-3-42	1	1IHNV		
20024 A.2-3-42	520	20024	A.2-3-42	2	1rickettsiosis		
20024 A.2-3-43	527	20024	A.2-3-43	1	1BKD		
20024 A.2-3-43	527	20024	A.2-3-43	2	1rickettsiosis		
20024 A.2-3-43	527	20024	A.2-3-43	3	1IHNV		
20024 A.2-3-47	1291	20024	A.2-3-47	2	1IHNV		
20024 A.2-3-60	227	20024	A.2-3-60	1	1open		
20024 A.2-4-11	404	20024	A.2-4-11	1	1open		
20024 A.2-4-12	1078	20024	A.2-4-12	1	1open		
20024 A.3-2-21	304	20024	A.3-2-21	1	1open		
20024 A.3-2-22	306	20024	A.3-2-22	1	1open		
20024 A.3-2-29	553	20024	A.3-2-29	2	1BKD		
20024 A.3-2-29	553	20024	A.3-2-29	3	1IHNV		
20024 A.3-3-44	141	20024	A.3-3-44	1	1open		
20024 A.3-3-48	466	20024	A.3-3-48	1	1open		
20024 A.3-3-49	467	20024	A.3-3-49	2	1open		
20024 A.3-4-16	1335	20024	A.3-4-16	1	1BKD		
20024 A.3-4-16	1335	20024	A.3-4-16	2	1cardiomyopathy		
20024 A.3-4-21	1286	20024	A.3-4-21	2	1IHNV		
20024 A.3-4-23	1350	20024	A.3-4-23	1	1open		
20024 A.3-4-24	831	20024	A.3-4-24	1	1open		
20024 P.2-16	776	20024	P.2-16	1	1Loma		
20024 P.2-16	776	20024	P.2-16	2	2		
20024 P.2-18	112	20024	P.2-18	1	1BKD		
20024 P.2-20	1554	20024	P.2-20	1	1open		
20024 P.2-24	458	20024	P.2-24	1	1Loma		
20024 P.3-20	216	20024	P.3-20	1	1open		
20024 P.3-21	247	20024	P.3-21	1	1open		
20024 P.3-27	769	20024	P.3-27	1	1BKD		
20031 A.2-3-11	314	20031	A.2-3-11	1	1IHNV		
20031 A.2-3-17	520	20031	A.2-3-17	1	1open		
20031 A.2-3-7	58	20031	A.2-3-7	1	1open		
20031 A.2-4-1	404	20031	A.2-4-1	1	1Sea lice		
20031 A.2-4-1	404	20031	A.2-4-1	2	1septicemia		
20031 A.2-4-3	1078	20031	A.2-4-3	1	1mouth myxobacteriosis		
20031 A.2-4-3	1078	20031	A.2-4-3	2	1net pen liver disease		
20031 A.2-4-7	1237	20031	A.2-4-7	1	1open		
20031 A.3-2-12	211	20031	A.3-2-12	2	1post vaccination peritonitis		
20031 A.3-2-12	211	20031	A.3-2-12	1	1open		
20031 A.3-2-2	304	20031	A.3-2-2	1	1open		
20031 A.3-3-15	142	20031	A.3-3-15	1	1open		
20031 A.3-3-16	143	20031	A.3-3-16	1	1open		
20031 A.3-3-2	136	20031	A.3-3-2	1	1open		
20031 A.3-3-5	819	20031	A.3-3-5	1	1post vaccination peritonitis		
20031 A.3-4-11	1351	20031	A.3-4-11	1	1open		
20031 A.3-4-5	884	20031	A.3-4-5	2	1furunculosis		
20031 A.3-4-9	831	20031	A.3-4-9	1	1IHNV		
20031 P.2-5	776	20031	P.2-5	1	1open		
20031 P.2-6	1206	20031	P.2-6	1	1open		
20031 P.3-12	547	20031	P.3-12	1	1open		
20031 P.3-14	733	20031	P.3-14	2	1BKD		
20031 P.3-15	1580	20031	P.3-15	1	1open		
20031 P.3-9	137	20031	P.3-9	1	1open		
20032 A.2-3-28	314	20032	A.2-3-28	1	1open		
20032 A.2-3-32	66	20032	A.2-3-32	1	1open		
20032 A.2-3-34	1507	20032	A.2-3-34	1	1open		
20032 A.2-3-43	1472	20032	A.2-3-43	1	1open		
20032 A.2-3-45	527	20032	A.2-3-45	1	1open		
20032 A.2-4-12	1078	20032	A.2-4-12	1	1open		
20032 A.2-4-13	1862	20032	A.2-4-13	2	1open		
20032 A.2-4-14	1078	20032	A.2-4-14	1	1furunculosis		
20032 A.2-4-18	1238	20032	A.2-4-18	1	1open		
20032 A.3-2-24	100	20032	A.3-2-24	1	1post vaccination peritonitis		
20032 A.3-2-24	100	20032	A.3-2-24	2	1open		
20032 A.3-2-43	1136	20032	A.3-2-43	1	1open		
20032 A.3-3-33	136	20032	A.3-3-33	1	1post vaccination peritonitis		
20032 A.3-3-35	136	20032	A.3-3-35	2	1open		
20032 A.3-3-41	149	20032	A.3-3-41	1	1open		
20032 A.3-3-49	466	20032	A.3-3-49	1	1open		
20032 A.3-4-17	1336	20032	A.3-4-17	1	1furunculosis		
20032 A.3-4-23	1351	20032	A.3-4-23	1	1open		
20032 A.3-4-25	1198	20032	A.3-4-25	1	1open		
20032 P.2-14	233	20032	P.2-14	1	1open		
20032 P.2-19	1296	20032	P.2-19	1	1open		
20032 P.2-22	1158	20032	P.2-22	1	1open		
20032 P.2-23	1554	20032	P.2-23	1	1open		
20032 P.3-23	216	20032	P.3-23	1	1BKD		
20032 P.3-28	248	20032	P.3-28	1	1BKD		
20032 P.3-30	769	20032	P.3-30	1	1BKD		
20032 P.3-33	1580	20032	P.3-33	1	1open		
20033 A.2-3-21	270	20033	A.2-3-21	1	1furunculosis		
20033 A.2-3-27	56	20033	A.2-3-27	1	1open		
20033 A.2-3-45	1507	20033	A.2-3-45	1	1open		
20033 A.2-4-21	404	20033	A.2-4-21	1	1open		
20033 A.2-4-22	1078	20033	A.2-4-22	1	1open		
20033 A.2-4-28	1238	20033	A.2-4-28	1	1open		
20033 A.3-2-22	304	20033	A.3-2-22	1	1legal bloom		
20033 A.3-2-28	100	20033	A.3-2-28	1	1open		
20033 A.3-2-31	211	20033	A.3-2-31	1	1open		
20033 A.3-2-32	1136	20033	A.3-2-32	1	1open		
20033 A.3-3-25	819	20033	A.3-3-25	1	1open		
20033 A.3-3-26	869	20033	A.3-3-26	1	1open		
20033 A.3-3-36	143	20033	A.3-3-36	2	1mouth myxobacteriosis		
20033 A.3-3-37	465	20033	A.3-3-37	1	1open		
20033 A.3-4-22	1336	20033	A.3-4-22	1	1open		
20033 A.3-4-28	831	20033	A.3-4-28	1	1open		
20033 A.3-4-28	1351	20033	A.3-4-28	1	1open		
20033 P.2-22	244	20033	P.2-22	1	1open		
20033 P.2-28	1158	20033	P.2-28	1	1open		
20033 P.2-28	1158	20033	P.2-28	2	1open		
20033 P.2-29	1554	20033	P.2-29	1	1Loma		
20033 P.2-33	843	20033	P.2-33	1	1open		
20033 P.3-29	137	20033	P.3-29	1	1open		
20033 P.3-35	1580	20033	P.3-35	1	1open		
20033 P.3-37	1626	20033	P.3-37	1	1open		
20033 P.3-38	380	20033	P.3-38	1	1BKD		
20034 A.2-3-48	1291	20034	A.2-3-48	1	1post vaccination peritonitis		
20034 A.2-3-48	1291	20034	A.2-3-48	2	1open		
20034 A.2-3-49	270	20034	A.2-3-49	1	1furunculosis		
20034 A.2-3-50	234	20034	A.2-3-50	1	1open		
20034 A.2-4-51	1238	20034	A.2-4-51	1	1open		
20034 A.2-4-52	1078	20034	A.2-4-52	1	1furunculosis		
20034 A.2-4-53	404	20034	A.2-4-53	1	1open		
20034 A.3-2-54	100	20034	A.3-2-54	2	1open		
20034 A.3-2-55	211	20034	A.3-2-55	1	1open		
20034 A.3-3-56	869	20034	A.3-3-56	1	1open		
20034 A.3-3-57	465	20034	A.3-3-57	1	1open		
20034 A.3-3-58	136	20034	A.3-3-58	1	1post vaccination peritonitis		
20034 A.3-3-58	136	20034	A.3-3-58	2	1open		
20034 A.3-3-59	819	20034	A.3-3-59	1	1open		
20034 A.3-3-60	1144	20034	A.3-3-60	1	1open		
20034 A.3-4-61	831	20034	A.3-4-61	1	1BKD		
20034 A.3-4-62	1336	20034	A.3-4-62	1	1open		
20034 P.2-39	1159	20034	P.2-39	1	1open		
20034 P.2-40	244	20034	P.2-40	1	1open		
20034 P.2-41	233	20034	P.2-41	1	1open		
20034 P.2-43	1596	20034	P.2-43	1	1open		
20034 P.2-44	543	20034	P.2-44	1	1open		
20034 P.3-45	380	20034	P.3-45	1	1open		
20034 P.3-46	388	20034	P.3-46	1	1open		
20034 P.3-47	769	20034	P.3-47	1	1open		
20034 P.3-49	137	20034	P.3-49	1	1open		
20034 P.3-50	138	20034	P.3-50	1	1open		
20034 P.3-51	1626	20034	P.3-51	1	1BKD		
20034 P.3-52	733	20034	P.3-52	1	1open		
20041 A.2-3-1	520	20041	A.2-3-1	1	1open		
20041 A.2-3-2	527	20041	A.2-3-2	1	1open		
20041 A.2-3-3	1291	20041	A.2-3-3	1	1Viral Hemorrhagic Septicemia		
20041 A.2-4-5	1079	20041	A.2-4-5	1	1open		
20041 A.2-4-6	1078	20041	A.2-4-6	1	1open		
20041 A.2-4-7	1700	20041	A.2-4-7	2	1open		
20041 A.2-4-7	1700	20041	A.2-4-7	1	1post vaccination peritonitis		
20041 A.2-4-8	1338	20041	A.2-4-8	1	1open		
20041 A.3-2-10	304	20041	A.3-2-10	1	1open		
20041 A.3-2-11	100	20041	A.3-2-11	1	1bacteremia		
20041 A.3-3-12	728	20041	A.3-3-12	1	1BKD		
20041 A.3-3-13	869	20041	A.3-3-13	1	1open		
20041 A.3-3-14	136	20041	A.3-3-14	1	1post vaccination peritonitis		
20041 A.3-3-14	136	20041	A.3-3-14	2	1mouth myxobacteriosis		
20041 A.3-3-15	820	20041	A.3-3-15	1	1open		
20041 A.3-3-16	819	20041	A.3-3-16	1	1open		
20041 A.3-3-17	1144	20041	A.3-3-17	1	1open		
20041 A.3-4-18	1336	20041	A.3-4-18	1	1open		
20041 P.2-1	244	20041	P.2-1	1	1marine anemia		
20041 P.2-2	233	20041	P.2-2	1	1open		
20041 P.2-3	1159	20041	P.2-3	1	1BKD		
20041 P.2-4	1159	20041	P.2-4	1	1BKD		
20041 P.2-5	112	20041	P.2-5	1	1BKD		
20041 P.3-10	1626	20041	P.3-10	1	1open		
20041 P.3-11	388	20041	P.3-11	1	1nephrocalcinosis		
20041 P.3-6	769	20041	P.3-6	1	1BKD		
20041 P.3-7	216	20041	P.3-7	1	1BKD		
20041 P.3-8	733	20041	P.3-8	1	1BKD		
20042 A.2-3-19	1507	20042	A.2-3-19	1	1Viral Hemorrhagic Septicemia		
20042 A.2-3-20	527	20042	A.2-3-20	1	1Mouth myxobacteriosis		
20042 A.2-3-21	520	20042	A.2-3-21	1	1Mouth Myxobacteriosis		
20042 A.2-4-22	404	20042	A.2-4-22	1	1open		
20042 A.2-4-24	1338	20042	A.2-4-24	1	1open		
20042 A.2-4-24	1338	20042</					

20042	P.3-17	380	20042	P.3-17	1	open			
20042	P.3-18	1697	20042	P.3-18	1	open			
20042	P.3-19	137	20042	P.3-19	1	BKD			
20042	P.3-21	247	20042	P.3-21	1	open			
20042	P.3-22	216	20042	P.3-22	1	BKD			
20042	P.3-22	216	20042	P.3-22	2	post vaccination peritonitis			
20043	A.2.3-39	1291	20043	A.2.3-39	1	post vaccination peritonitis			
20043	A.2.3-39	1291	20043	A.2.3-39	2	open			
20043	A.2.3-40	1507	20043	A.2.3-40	1	open			
20043	A.2.3-41	1148	20043	A.2.3-41	3	Viral Hemmorrhagic Septecemia			
20043	A.2.3-41	1148	20043	A.2.3-41	1	mouth myxobacteriosis			
20043	A.2.3-41	1148	20043	A.2.3-41	2	post vaccination peritonitis			
20043	A.2.4-43	1700	20043	A.2.4-43	1	post vaccination peritonitis			
20043	A.2.4-43	1700	20043	A.2.4-43	2	Viral Hemmorrhagic Septecemia			
20043	A.2.4-44	1238	20043	A.2.4-44	1	open			
20043	A.2-47	1136	20043	A.2-47	1	BKD			
20043	A.3.2-49	1401	20043	A.3.2-49	1	open			
20043	A.3.2-50	1581	20043	A.3.2-50	1	open			
20043	A.3.2-51	100	20043	A.3.2-51	1	1			
20043	A.3.2-51	100	20043	A.3.2-51	2	post vaccination peritonitis			
20043	A.3.2-51	100	20043	A.3.2-51	3	open			
20043	A.3.3-53	869	20043	A.3.3-53	1	1			
20043	A.3.3-53	869	20043	A.3.3-53	2	open			
20043	A.3.3-56	467	20043	A.3.3-56	1	open			
20043	A.3.4-57	892	20043	A.3.4-57	1	post vaccination peritonitis			
20043	A.3.4-57	892	20043	A.3.4-57	2	open			
20043	A.3.4-58	1293	20043	A.3.4-58	1	post vaccination peritonitis			
20043	A.3.4-58	1293	20043	A.3.4-58	2	open			
20043	A.3.4-59	1288	20043	A.3.4-59	1	post vaccination peritonitis			
20043	A.3.4-59	1288	20043	A.3.4-59	2	open			
20043	P.2-23	1598	20043	P.2-23	1	Loma			
20043	P.2-24	112	20043	P.2-24	1	Loma			
20043	P.3-26	1580	20043	P.3-26	1	open			
20043	P.3-27	138	20043	P.3-27	1	open			
20043	P.3-28	1626	20043	P.3-28	1	BKD			
20043	P.3-29	388	20043	P.3-29	1	open			
20043	P.3-31	216	20043	P.3-31	1	open			
20044	A.2.3-61	520	20044	A.2.3-61	2	post vaccination peritonitis			
20044	A.2.3-61	520	20044	A.2.3-61	1	rickettsiosis			
20044	A.2.3-62	527	20044	A.2.3-62	1	rickettsiosis			
20044	A.2.4-63	1738	20044	A.2.4-63	1	open			
20044	A.2.4-64	1700	20044	A.2.4-64	1	1			
20044	A.2.4-64	1700	20044	A.2.4-64	2	post vaccination peritonitis			
20044	A.2.4-64	1700	20044	A.2.4-64	3	open			
20044	A.2.4-65	1237	20044	A.2.4-65	1	open			
20044	A.3.2-67	211	20044	A.3.2-67	1	open			
20044	A.3.2-68	1401	20044	A.3.2-68	1	open			
20044	A.3.2-69	78	20044	A.3.2-69	1	open			
20044	A.3.2-70	871	20044	A.3.2-70	2	open			
20044	A.3.2-71	306	20044	A.3.2-71	2	open			
20044	A.3.2-71	306	20044	A.3.2-71	1	post vaccination peritonitis			
20044	A.3.3-73	467	20044	A.3.3-73	1	open			
20044	A.3.3-75	465	20044	A.3.3-75	1	post vaccination peritonitis			
20044	A.3.3-76	465	20044	A.3.3-76	2	open			
20044	A.3.3-76	141	20044	A.3.3-76	1	open			
20044	A.3.4-77	1293	20044	A.3.4-77	1	open			
20044	A.3.4-78	1336	20044	A.3.4-78	1	open			
20044	A.3.4-79	1335	20044	A.3.4-79	1	open			
20044	P.2-32	776	20044	P.2-32	1	open			
20044	P.2-33	234	20044	P.2-33	1	open			
20044	P.2-34	1596	20044	P.2-34	1	open			
20044	P.3-35	378	20044	P.3-35	1	nephrocalcinosis			
20044	P.3-37	138	20044	P.3-37	1	bacteremia			
20044	P.3-37	138	20044	P.3-37	2	Loma			
20044	P.3-38	733	20044	P.3-38	1	BKD			
20044	P.3-39	248	20044	P.3-39	1	open			
20044	P.3-40	380	20044	P.3-40	1	BKD			
20051	A.2.3-1	1507	20051	A.2.3-1	1	Viral Hemmorrhagic Septecemia			
20051	A.2-2	314	20051	A.2-2	1	Viral Hemmorrhagic Septecemia			
20051	A.2-3-4	520	20051	A.2-3-4	1	Viral Hemmorrhagic Septecemia			
20051	A.2-3-4	520	20051	A.2.3-4	2	post vaccination peritonitis			
20051	A.2.4-5	144	20051	A.2.4-5	1	open			
20051	A.2.4-6	1055	20051	A.2.4-6	1	open			
20051	A.2.4-7	1700	20051	A.2.4-7	1	open			
20051	A.2.4-8	1078	20051	A.2.4-8	2	post vaccination peritonitis			
20051	A.2.4-8	1078	20051	A.2.4-8	1	mouth myxobacteriosis			
20051	A.3.2-10	1581	20051	A.3.2-10	1	open			
20051	A.3.2-11	211	20051	A.3.2-11	1	open			
20051	A.3.2-12	306	20051	A.3.2-12	1	open			
20051	A.3.2-14	790	20051	A.3.2-14	1	BKD			
20051	A.3.3-15	820	20051	A.3.3-15	1	post vaccination peritonitis			
20051	A.3.3-15	820	20051	A.3.3-15	2	open			
20051	A.3.3-16	869	20051	A.3.3-16	1	open			
20051	A.3.3-17	467	20051	A.3.3-17	1	BKD			
20051	A.3.3-19	466	20051	A.3.3-19	2	open			
20051	A.3.3-19	466	20051	A.3.3-19	1	post vaccination peritonitis			
20051	A.3.4-20	892	20051	A.3.4-20	1	1			
20051	A.3.4-20	892	20051	A.3.4-20	2	open			
20051	A.3.4-21	1293	20051	A.3.4-21	1	open			
20051	P.2-1	234	20051	P.2-1	1	Viral Hemmorrhagic Septecemia			
20051	P.2-2	233	20051	P.2-2	1	Loma			
20051	P.2-2	233	20051	P.2-2	2	Viral Hemmorrhagic Septecemia			
20051	P.2-3	1419	20051	P.2-3	1	open			
20051	P.3-4	380	20051	P.3-4	1	open			
20051	P.3-5	1698	20051	P.3-5	1	open			
20051	P.3-6	733	20051	P.3-6	1	Viral Hemmorrhagic Septecemia			
20051	P.3-7	547	20051	P.3-7	1	open			
20051	P.3-8	247	20051	P.3-8	1	open			
20052	A.2.3-23	543	20052	A.2.3-23	2	post vaccination peritonitis			
20052	A.2.3-23	543	20052	A.2.3-23	3	open			
20052	A.2.3-24	1507	20052	A.2.3-24	1	open			
20052	A.2.3-24	1507	20052	A.2.3-24	2	post vaccination peritonitis			
20052	A.2.3-25	520	20052	A.2.3-25	1	Viral Hemmorrhagic Septecemia			
20052	A.2.3-26	527	20052	A.2.3-26	1	open			
20052	A.2.4-28	144	20052	A.2.4-28	1	open			
20052	A.2.2-31	304	20052	A.3.2-31	1	open			
20052	A.3.2-31	304	20052	A.3.2-31	2	post vaccination peritonitis			
20052	A.3.2-33	306	20052	A.3.2-33	1	open			
20052	A.3.2-34	1401	20052	A.3.2-34	1	open			
20052	A.3.2-34	1401	20052	A.3.2-34	2	post vaccination peritonitis			
20052	A.3.2-35	78	20052	A.3.2-35	1	BKD			
20052	A.3.2-36	211	20052	A.3.2-36	1	open			
20052	A.3.2-36	211	20052	A.3.2-36	2	post vaccination peritonitis			
20052	A.3.3-37	1300	20052	A.3.3-37	1	BKD			
20052	A.3.3-37	1300	20052	A.3.3-37	2	mouth myxobacteriosis			
20052	A.3.3-38	136	20052	A.3.3-38	1	BKD			
20052	A.3.3-39	143	20052	A.3.3-39	1	mouth myxobacteriosis			
20052	A.3.3-41	820	20052	A.3.3-41	1	post vaccination peritonitis			
20052	A.3.3-41	820	20052	A.3.3-41	2	open			
20052	A.3.3-42	141	20052	A.3.3-42	1	open			
20052	A.3.3-43	819	20052	A.3.3-43	1	BKD			
20052	A.3.4-44	1288	20052	A.3.4-44	1	open			
20052	A.3.4-45	1293	20052	A.3.4-45	1	open			
20052	P.2-9	1419	20052	P.2-9	1	Loma			
20052	P.3-11	1698	20052	P.3-11	1	mainne anemia			
20052	P.3-12	547	20052	P.3-12	1	open			
20052	P.3-13	378	20052	P.3-13	1	open			
20052	P.3-14	1697	20052	P.3-14	1	open			
20053	A.2.3-47	543	20053	A.2.3-47	1	open			
20053	A.2.3-48	227	20053	A.2.3-48	2	open			
20053	A.2.3-48	227	20053	A.2.3-48	1	post vaccination peritonitis			
20053	A.2.3-49	1472	20053	A.2.3-49	1	open			
20053	A.2.3-50	1148	20053	A.2.3-50	1	open			
20053	A.2.4-51	1705	20053	A.2.4-51	1	mouth myxobacteriosis			
20053	A.2.4-51	1705	20053	A.2.4-51	2	post vaccination peritonitis			
20053	A.2.4-52	144	20053	A.2.4-52	1	open			
20053	A.2.4-53	1700	20053	A.2.4-53	1	open			
20053	A.3.2-56	306	20053	A.3.2-56	1	open			
20053	A.3.2-57	769	20053	A.3.2-57	1	mouth myxobacteriosis			
20053	A.3.2-59	78	20053	A.3.2-59	1	BKD			
20053	A.3.2-60	1136	20053	A.3.2-60	1	mouth myxobacteriosis			
20053	A.3.3-62	819	20053	A.3.3-62	1	rickettsiosis			
20053	A.3.3-63	820	20053	A.3.3-63	1	open			
20053	A.3.3-65	728	20053	A.3.3-65	1	rickettsiosis			
20053	A.3.3-66	1144	20053	A.3.3-66	1	BKD			
20053	A.3.4-67	1293	20053	A.3.4-67	1	open			
20053	A.3.4-68	1336	20053	A.3.4-68	1	post vaccination peritonitis			
20053	A.3.4-68	1336	20053	A.3.4-68	2	open			
20053	A.3.4-69	1288	20053	A.3.4-69	1	open			
20053	P.2-15	1419	20053	P.2-15	1	Loma			
20053	P.3-16	378	20053	P.3-16	1	open			
20053	P.3-17	547	20053	P.3-17	1	Loma			
20053	P.3-18	248	20053	P.3-18	1	mainne anemia			
20053	P.3-18	248	20053	P.3-18					

20061 A.2.4-7	1238	20061 A.2.4-7	1	open		
20061 A.2.4-8	1336	20061 A.2.4-8	1	open		
20061 A.3.2-11	1626	20061 A.3.2-11	1	open		
20061 A.3.2-12	790	20061 A.3.2-12	1	BKD		
20061 A.3.2-13	100	20061 A.3.2-13	1	open		
20061 A.3.2-14	78	20061 A.3.2-14	2	open		
20061 A.3.3-15	1300	20061 A.3.3-15	1	open		
20061 A.3.3-16	466	20061 A.3.3-16	1	mouth myxobacteriosis		
20061 A.3.3-17	465	20061 A.3.3-17	1	open		
20061 A.3.3-18	141	20061 A.3.3-18	1	open		
20061 A.3.3-19	1144	20061 A.3.3-19	1	open		
20061 A.3.3-20	728	20061 A.3.3-20	1	enteric redmouth disease		
20061 A.3.3-21	467	20061 A.3.3-21	1	open		
20061 A.3.4-23	1288	20061 A.3.4-23	1	open		
20061 A.3.5-24	884	20061 A.3.5-24	1	open		
20061 P.2-2	1419	20061 P.2-2	3	BKD		
20061 P.2-2	1419	20061 P.2-2	4	enteritis		
20061 P.3-3	1697	20061 P.3-3	3	open		
20061 P.3-5	137	20061 P.3-5	1	open		
20062 A.2.3-26	1507	20062 A.2.3-26	1	open		
20062 A.2.3-27	1291	20062 A.2.3-27	2	open		
20062 A.2.3-28	1148	20062 A.2.3-28	2	open		
20062 A.2.3-29	520	20062 A.2.3-29	1	open		
20062 A.2.3-30	1472	20062 A.2.3-30	1	open		
20062 A.2.4-32	1078	20062 A.2.4-32	1	mouth myxobacteriosis		
20062 A.2.4-33	1738	20062 A.2.4-33	1	open		
20062 A.3.2-35	1626	20062 A.3.2-35	1	open		
20062 A.3.2-36	211	20062 A.3.2-36	1	open		
20062 A.3.2-37	790	20062 A.3.2-37	1	BKD		
20062 A.3.2-38	100	20062 A.3.2-38	1	BKD		
20062 A.3.3-39	869	20062 A.3.3-39	4	open		
20062 A.3.3-39	869	20062 A.3.3-39	3	rickettsiosis		
20062 A.3.3-40	467	20062 A.3.3-40	1	open		
20062 A.3.3-41	728	20062 A.3.3-41	1	open		
20062 A.3.3-42	143	20062 A.3.3-42	1	mouth myxobacteriosis		
20062 A.3.3-43	819	20062 A.3.3-43	1	open		
20062 A.3.3-44	1144	20062 A.3.3-44	1	open		
20062 A.3.4-45	1288	20062 A.3.4-45	1	mouth myxobacteriosis		
20062 A.3.4-46	892	20062 A.3.4-46	1	BKD		
20062 A.3.4-47	1198	20062 A.3.4-47	1	open		
20062 A.3.5-49	1580	20062 A.3.5-49	1	open		
20062 P.2-7	1419	20062 P.2-7	1	BKD		
20062 P.2-7	1419	20062 P.2-7	2	enteritis		
20062 P.3-12	137	20062 P.3-12	2	open		
20062 P.3-13	216	20062 P.3-13	2	open		
20062 P.3-8	547	20062 P.3-8	1	BKD		
20063 A.2.3-50	527	20063 A.2.3-50	2	open		
20063 A.2.3-51	1148	20063 A.2.3-51	1	open		
20063 A.2.4-52	1700	20063 A.2.4-52	1	open		
20063 A.2.4-52	1700	20063 A.2.4-52	2	post vaccination peritonitis		
20063 A.2.4-53	144	20063 A.2.4-53	1	rickettsiosis		
20063 A.2.4-54	404	20063 A.2.4-54	2	mouth myxobacteriosis		
20063 A.2.4-55	1237	20063 A.2.4-55	1	open		
20063 A.3.2-57	306	20063 A.3.2-57	1	open		
20063 A.3.2-58	1401	20063 A.3.2-58	1	open		
20063 A.3.2-60	100	20063 A.3.2-60	1	algal bloom		
20063 A.3.2-61	1136	20063 A.3.2-61	1	BKD		
20063 A.3.2-61	1136	20063 A.3.2-61	2	open		
20063 A.3.3-63	465	20063 A.3.3-63	1	open		
20063 A.3.3-64	1625	20063 A.3.3-64	3	net pen liver disease		
20063 A.3.3-65	143	20063 A.3.3-65	1	open		
20063 A.3.4-67	892	20063 A.3.4-67	3	net pen liver disease		
20063 A.3.4-67	892	20063 A.3.4-67	4	open		
20063 A.3.4-68	1335	20063 A.3.4-68	1	open		
20063 A.3.4-69	1288	20063 A.3.4-69	1	open		
20063 A.3.4-71	1293	20063 A.3.4-71	1	BKD		
20063 A.3.4-71	1293	20063 A.3.4-71	2	mouth myxobacteriosis		
20063 A.3.5-72	1580	20063 A.3.5-72	1	open		
20063 P.2-14	244	20063 P.2-14	1	open		
20063 P.2-15	1598	20063 P.2-15	2	rickettsiosis		
20063 P.2-15	1598	20063 P.2-15	1	open		
20063 P.3-17	1697	20063 P.3-17	1	Loma		
20063 P.3-17	1697	20063 P.3-17	2	algal bloom		
20063 P.3-18	1698	20063 P.3-18	1	algal bloom		
20064 A.2.3-74	1291	20064 A.2.3-74	1			
20064 A.2.3-74	1291	20064 A.2.3-74	2	open		
20064 A.2.3-75	540	20064 A.2.3-75	1	rickettsiosis		
20064 A.2.3-76	314	20064 A.2.3-76	1	open		
20064 A.2.3-77	527	20064 A.2.3-77	2	open		
20064 A.2.4-78	1700	20064 A.2.4-78	3	BKD		
20064 A.2.4-79	404	20064 A.2.4-79	2	BKD		
20064 A.2.4-80	1705	20064 A.2.4-80	1	open		
20064 A.3.2-82	378	20064 A.3.2-82	1	open		
20064 A.3.2-83	1401	20064 A.3.2-83	2	post vaccination peritonitis		
20064 A.3.2-83	1401	20064 A.3.2-83	1	open		
20064 A.3.2-84	1581	20064 A.3.2-84	2	open		
20064 A.3.2-85	304	20064 A.3.2-85	1	open		
20064 A.3.2-86	306	20064 A.3.2-86	1	open		
20064 A.3.3-88	820	20064 A.3.3-88	1	open		
20064 A.3.3-90	1300	20064 A.3.3-90	1	open		
20064 A.3.3-91	465	20064 A.3.3-91	1	open		
20064 A.3.3-92	728	20064 A.3.3-92	2	algal bloom		
20064 A.3.3-92	728	20064 A.3.3-92	1	open		
20064 P.2-20	1598	20064 P.2-20	2	enteritis		
20064 P.2-20	1598	20064 P.2-20	1	rickettsiosis		
20064 P.2-21	776	20064 P.2-21	2	rickettsiosis		
20064 P.2-21	776	20064 P.2-21	1	Loma		
20064 P.3-22	216	20064 P.3-22	1	open		
20064 P.3-24	137	20064 P.3-24	2	open		
20064 P.3-24	137	20064 P.3-24	1	Loma		
20071 A.2.3-1	1148	20071 A.2.3-1	1	open		
20071 A.2.3-1	527	20071 A.2.3-2	1	open		
20071 A.2.3-3	540	20071 A.2.3-3	1	open		
20071 A.2.3-4	314	20071 A.2.3-4	1	Viral Hemmorrhagic Septicemia		
20071 A.2.4-5	1863	20071 A.2.4-5	2	open		
20071 A.2.4-6	1738	20071 A.2.4-6	1	open		
20071 A.2.4-7	1700	20071 A.2.4-7	2	BKD		
20071 A.2.4-8	1537	20071 A.2.4-8	1	open		
20071 A.3.2-10	378	20071 A.3.2-10	1	open		
20071 A.3.2-11	100	20071 A.3.2-11	2	BKD		
20071 A.3.2-12	211	20071 A.3.2-12	1	mouth myxobacteriosis		
20071 A.3.2-13	1164	20071 A.3.2-13	1	mouth myxobacteriosis		
20071 A.3.2-14	304	20071 A.3.2-14	1	open		
20071 A.3.3-15	141	20071 A.3.3-15	1	open		
20071 A.3.3-16	819	20071 A.3.3-16	1	Viral Hemmorrhagic Septicemia		
20071 A.3.3-17	1825	20071 A.3.3-17	1	open		
20071 A.3.3-18	869	20071 A.3.3-18	1	open		
20071 A.3.3-19	728	20071 A.3.3-19	1	open		
20071 A.3.3-20	820	20071 A.3.3-20	1	open		
20071 A.3.4-21	831	20071 A.3.4-21	1	BKD		
20071 A.3.4-22	1288	20071 A.3.4-22	1	BKD		
20071 A.3.4-23	1350	20071 A.3.4-23	1	open		
20071 A.3.4-24	1293	20071 A.3.4-24	1	BKD		
20071 A.3.5-25	1580	20071 A.3.5-25	1	open		
20071 P.2-1	1598	20071 P.2-1	1	open		
20071 P.3-2	137	20071 P.3-2	2	Loma		
20071 P.3-2	137	20071 P.3-2	1	BKD		
20071 P.3-3	1697	20071 P.3-3	1	BKD		
20072 A.2.3-26	520	20072 A.2.3-26	1	open		
20072 A.2.3-27	314	20072 A.2.3-27	1	open		
20072 A.2.3-28	1537	20072 A.2.3-28	1	open		
20072 A.2.3-29	1148	20072 A.2.3-29	1	open		
20072 A.2.3-30	227	20072 A.2.3-30	1	mouth myxobacteriosis		
20072 A.2.4-31	1079	20072 A.2.4-31	1	open		
20072 A.2.4-32	1863	20072 A.2.4-32	1	open		
20072 A.2.4-33	1738	20072 A.2.4-33	2	open		
20072 A.2.4-34	144	20072 A.2.4-34	1	open		
20072 A.3.2-37	378	20072 A.3.2-37	1	open		
20072 A.3.2-38	1581	20072 A.3.2-38	1	mouth myxobacteriosis		
20072 A.3.2-39	211	20072 A.3.2-39	2	mouth myxobacteriosis		
20072 A.3.2-39	211	20072 A.3.2-39	1	open		
20072 A.3.2-40	871	20072 A.3.2-40	1	mouth myxobacteriosis		
20072 A.3.2-41	100	20072 A.3.2-41	1	open		
20072 A.3.3-42	486	20072 A.3.3-42	1	open		
20072 A.3.3-43	1825	20072 A.3.3-43	1	open		
20072 A.3.3-44	465	20072 A.3.3-44	1	open		
20072 A.3.3-45	136	20072 A.3.3-45	2	enteric redmouth disease		
20072 A.3.3-46	820	20072 A.3.3-46	1	No Significant Findings		
20072 A.3.3-47	141	20072 A.3.3-47	1	open		
20072 A.3.4-48	1350	20072 A.3.4-48	1	BKD		
20072 A.3.4-49	1293	20072 A.3.4-49	1	open		
20072 A.3.4-50	831	20072 A.3.4-50	1	open		
20072 A.3.5-52	884	20072 A.3.5-52	1	open		
20072 P.2-6	1419	20072 P.2-6	2	BKD		
20072 P.3-7	137	20072 P.3-7	1	BKD		
20072 P.3-8	1698	20072 P.3-8	2	open		
20072 P.3-8	1698	20072 P.3-8	1	BKD		
20073 A.2.3-53	543	20073 A.2.3-53	1	open		
20073 A.2.3-54	1507	20073 A.2.3-54	2	open		
20073 A.2.3-54	1507	20073 A.2.3-54	1	rickettsiosis		
20073 A.2.3-55	234	20073 A.2.3-55	1	open		
20073 A.2.3-56	227	20073 A.2.3-56	1	open		
20073 A.2.3-57	314	20073 A.2.3-57	1	open		
20073 A.2.4-58	1338	20073 A.2.4-58	1	open		
20073 A.2.4-59	1769	20073 A.2.4-59	1	open		
20073 A.2.4-61	1700	20073 A.2.4-61	2	BKD		
20073 A.2.4-61	1700	20073 A.2.4-61	1	open		
20073 A.3.2-63	553	20073 A.3.2-63	1	open		
20073 A.3.2-64	78	20073 A.3.2-64	1	mouth myxobacteriosis		
20073 A.3.2-65	100	20073 A.3.2-65	2	open		
20073 A.3.2-65	100	20073 A.3.2-65	3	algal bloom		
20073 A.3.2-66	211	20073 A.3.2-66	1	open		
20073 A.3.2-67	1164	20073 A.3.2-67	1	open		
20073 A.3.2-68	1401	20073 A.3.2-68	1	open		
20073 A.3.3-69	1330	20073 A.3.3-69	1	mouth myxobacteriosis		
20073 A.3.3-70	486	20073 A.3.3-70	1	open		
20073 A.3.3-72	820	20073 A.3.3-72	1	open		
20073 A.3.3-73	143	20073 A.3.3-73	1	open		
20073 A.3.3-74	136	20073 A.3.3-74	1	open		
20073 A.3.4-75	1288	20073 A.3.4-75	2	BKD		
20073 A.3.4-76	892	20073 A.3.4-76	1	open		

20074 A.2.3-80	314	20074 A.2.3-80	1 open		
20074 A.2.3-81	543	20074 A.2.3-81	1 nickentisosis		
20074 A.2.3-82	1507	20074 A.2.3-82	1 open		
20074 A.2.3-83	527	20074 A.2.3-83	1 open		
20074 A.2.3-84	227	20074 A.2.3-84	1 open		
20074 A.2.4-85	1765	20074 A.2.4-85	1 open		
20074 A.2.4-86	1338	20074 A.2.4-86	1 open		
20074 A.2.4-87	1700	20074 A.2.4-87	1 open		
20074 A.2.4-88	404	20074 A.2.4-88	1 open		
20074 A.3.2-90	769	20074 A.3.2-90	1 mouth myxobacteriosis		
20074 A.3.2-91	1164	20074 A.3.2-91	1 open		
20074 A.3.2-92	100	20074 A.3.2-92	1 open		
20074 A.3.2-93	306	20074 A.3.2-93	1 open		
20074 A.3.2-94	1581	20074 A.3.2-94	1 open		
20074 A.3.2-95	304	20074 A.3.2-95	1 open		
20074 A.3.3-101	465	20074 A.3.3-101	1 open		
20074 A.3.3-96	1825	20074 A.3.3-96	1 No Significant Findings		
20074 A.3.3-98	1300	20074 A.3.3-98	1 open		
20074 A.3.3-99	729	20074 A.3.3-99	1 open		
20074 A.3.4-102	1293	20074 A.3.4-102	1 open		
20074 A.3.4-103	892	20074 A.3.4-103	1 open		
20074 P.2-12	1419	20074 P.2-12	1 nickentisosis		
20074 P.2-12	1419	20074 P.2-12	2 Loma		
20074 P.3-13	1697	20074 P.3-13	1 open		
20074 P.3-16	216	20074 P.3-16	1 BKU		

Concatenated	BCF link			
20024 A.2.3-32	56			
20024 A.2.3-42	520			
20024 A.2.3-43	527			
20024 A.2.3-47	1291			
20024 A.2.3-50	227			
20024 A.2.4-11	404			
20024 A.2.4-12	1078			
20024 A.3.2-21	304			
20024 A.3.2-22	306			
20024 A.3.2-29	553			
20024 A.3.3-33	458			
20024 A.3.3-44	141			
20024 A.3.3-48	469			
20024 A.3.3-49	467			
20024 A.3.4-16	1335			
20024 A.3.4-21	1285			
20024 A.3.4-23	1350			
20024 A.3.4-24	831			
20024 P.2-16	776			
20024 P.2-18	112			
20024 P.2-20	1554			
20024 P.2-24	456			
20024 P.3-20	216			
20024 P.3-21	247			
20024 P.3-27	769			
20031 A.2.3-11	314			
20031 A.2.3-17	520			
20031 A.2.3-7	56			
20031 A.2.4-1	404			
20031 A.2.4-3	1078			
20031 A.2.4-7	1237			
20031 A.3.2-12	211			
20031 A.3.2-2	304			
20031 A.3.3-15	142			
20031 A.3.3-16	143			
20031 A.3.3-2	136			
20031 A.3.3-5	819			
20031 A.3.4-11	1351			
20031 A.3.4-5	884			
20031 A.3.4-9	831			
20031 P.2-5	776			
20031 P.2-6	1268			
20031 P.3-12	547			
20031 P.3-14	733			
20031 P.3-15	1580			
20031 P.3-9	137			
20032 A.2.3-28	314			
20032 A.2.3-32	56			
20032 A.2.3-34	1507			
20032 A.2.3-43	1472			
20032 A.2.3-45	527			
20032 A.2.4-12	1078			
20032 A.2.4-13	1862			
20032 A.2.4-14	1079			
20032 A.2.4-18	1238			
20032 A.3.2-24	100			
20032 A.3.2-43	1136			
20032 A.3.3-33	136			
20032 A.3.3-47	143			
20032 A.3.3-49	466			
20032 A.3.4-17	1336			
20032 A.3.4-23	1351			
20032 A.3.4-25	1198			
20032 P.2-14	233			
20032 P.2-19	1036			
20032 P.2-22	1158			
20032 P.2-23	1554			
20032 P.2-23	216			
20032 P.3-28	248			
20032 P.3-30	769			
20032 P.3-33	1580			
20033 A.2.3-21	270			
20033 A.2.3-27	56			
20033 A.2.3-45	1507			
20033 A.2.4-21	404			
20033 A.2.4-22	1078			
20033 A.2.4-26	1238			
20033 A.3.2-22	304			
20033 A.3.2-28	100			
20033 A.3.2-31	211			
20033 A.3.2-32	1136			
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20033 A.3.3-26	869			
20033 A.3.3-36	143			
20033 A.3.3-37	465			
20033 A.3.4-22	1336			
20033 A.3.4-28	831			
20033 A.3.4-28	1351			
20033 P.2-22	244			
20033 P.2-28	1158			
20033 P.2-29	1554			
20033 P.2-33	543			
20033 P.3-29	137			
20033 P.3-35	1580			
20033 P.3-37	1626			
20033 P.3-38	380			
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20034 A.2.3-49	270			
20034 A.2.3-50	234			
20034 A.2.4-51	1238			
20034 A.2.4-52	1078			
20034 A.2.4-53	404			
20034 A.3.2-54	100			
20034 A.3.2-55	211			
20034 A.3.3-56	869			
20034 A.3.3-57	465			
20034 A.3.3-58	136			
20034 A.3.3-59	819			
20034 A.3.3-60	1144			
20034 A.3.4-61	831			
20034 A.3.4-62	1336			
20034 P.2-39	1159			
20034 P.2-40	244			
20034 P.2-41	233			
20034 P.2-43	1596			
20034 P.2-44	543			
20034 P.3-45	380			
20034 P.3-46	388			
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20034 P.3-49	137			
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20034 P.3-51	1626			
20034 P.3-52	733			
20041 A.2.3-1	520			
20041 A.2.3-2	527			
20041 A.2.3-3	1291			
20041 A.2.4-5	1079			
20041 A.2.4-6	1078			
20041 A.2.4-7	1700			
20041 A.2.4-8	1338			
20041 A.3.2-10	304			
20041 A.3.2-11	100			
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20041 A.3.3-17	1144			
20041 A.3.4-18	1338			
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20041 P.2-2	233			
20041 P.2-3	1159			
20041 P.2-4	1158			
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20041 P.3-10	1626			
20041 P.3-11	388			
20041 P.3-6	769			
20041 p.3-7	216			
20041 p.3-8	733			
20042 A.2.3-19	1507			
20042 A.2.3-20	527			
20042 A.2.3-21	520			
20042 A.2.4-22	404			
20042 A.2.4-24	1338			
20042 A.2.4-25	1238			
20042 A.3.2-29	304			
20042 A.3.3-30	1401			
20042 A.3.3-31	1144			
20042 A.3.3-32	143			
20042 A.3.3-35	620			
20042 A.3.4-37	1288			
20042 A.3.4-38	1335			
20042 P.2-13	776			
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20042 P.2-15	112			
20042 P.2-16	1159			
20042 P.3-17	380			
20042 P.3-18	1697			
20042 P.3-19	137			
20042 P.3-21	247			
20042 P.3-22	216			
20043 A.2.3-39	1291			
20043 A.2.3-40	1507			
20043 A.2.3-41	1148			
20043 A.2.4-43	1700			
20043 A.2.4-44	1238			
20043 A.3.2-47	1136			
20043 A.3.2-49	1401			
20043 A.3.2-50	1581			
20043 A.3.2-51	100			
20043 A.3.3-53	869			
20043 A.3.3-56	467			
20043 A.3.4-57	892			
20043 A.3.4-58	1293			

20043	A.3.4-59	1288			
20043	P.2-23	1596			
20043	P.2-24	112			
20043	P.3-26	1580			
20043	P.3-27	138			
20043	P.3-28	1626			
20043	P.3-29	388			
20043	P.3-31	216			
20044	A.2.3-61	520			
20044	A.2.3-62	527			
20044	A.2.4-63	1738			
20044	A.2.4-64	1700			
20044	A.2.4-65	1237			
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20044	A.3.2-68	1401			
20044	A.3.2-69	78			
20044	A.3.2-70	671			
20044	A.3.2-71	306			
20044	A.3.3-73	467			
20044	A.3.3-75	465			
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20044	A.3.4-77	1293			
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20044	P.2-33	234			
20044	P.3-34	1596			
20044	P.3-35	378			
20044	P.3-37	138			
20044	P.3-38	733			
20044	P.3-39	248			
20044	P.3-40	380			
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20051	A.2.3-2	314			
20051	A.2.3-4	520			
20051	A.2.4-5	144			
20051	A.2.4-6	1705			
20051	A.2.4-7	1700			
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20051	A.3.2-14	790			
20051	A.3.3-15	820			
20051	A.3.3-16	869			
20051	A.3.3-17	467			
20051	A.3.3-19	466			
20051	A.3.4-20	692			
20051	A.3.4-21	1293			
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20051	P.2-2	233			
20051	P.2-3	1419			
20051	P.3-4	380			
20051	P.3-5	1698			
20051	P.3-6	733			
20051	P.3-7	547			
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20052	A.2.3-26	527			
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20052	P.2-9	1419			
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20052	P.3-12	547			
20052	P.3-13	378			
20052	P.3-14	1697			
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20053	A.2.3-48	227			
20053	A.2.3-49	1472			
20053	A.2.3-60	1148			
20053	A.2.4-51	1705			
20053	A.2.4-52	144			
20053	A.2.4-53	1700			
20053	A.3.2-66	306			
20053	A.3.2-67	769			
20053	A.3.2-69	78			
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20053	A.3.4-67	1293			
20053	A.3.4-68	1336			
20053	A.3.4-69	1288			
20053	P.3-15	1419			
20053	P.3-16	378			
20053	P.3-17	547			
20053	P.3-18	248			
20053	P.3-19	1698			
20054	A.2.3-71	314			
20054	A.2.3-72	543			
20054	A.2.3-73	227			
20054	A.2.4-74	1338			
20054	A.2.4-75	1238			
20054	A.2.4-76	1705			
20054	A.3.2-78	304			
20054	A.3.2-80	1401			
20054	A.3.2-82	100			
20054	A.3.2-83	769			
20054	A.3.3-85	465			
20054	A.3.3-86	819			
20054	A.3.3-88	869			
20054	A.3.4-90	831			
20054	A.3.4-91	1288			
20054	A.3.4-92	1336			
20054	A.3.4-93	892			
20054	P.2-21	233			
20054	P.3-23	378			
20054	P.3-25	247			
20061	A.2.3-1	1472			
20061	A.2.3-2	1291			
20061	A.2.3-3	227			
20061	A.2.3-4	520			
20061	A.2.3-5	314			
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20061	A.2.4-8	1338			
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20061	A.3.3-17	465			
20061	A.3.3-18	141			
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20061	A.3.3-21	467			
20061	A.3.4-23	1288			
20061	A.3.5-24	844			
20061	P.2-2	1419			
20061	P.3-3	1697			
20061	P.3-5	137			
20062	A.2.3-26	1507			
20062	A.2.3-27	1291			
20062	A.2.3-28	1148			
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20062	A.3.2-36	211			
20062	A.3.2-37	790			
20062	A.3.2-38	100			
20062	A.3.3-39	869			
20062	A.3.3-40	467			
20062	A.3.3-41	728			
20062	A.3.3-42	143			
20062	A.3.3-43	819			
20062	A.3.3-44	1144			
20062	A.3.4-45	1288			
20062	A.3.4-46	892			
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20062	P.3-13	216			
20062	P.3-8	547			
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20063	A.2.3-51	1148			
20063	A.2.4-52	1700			
20063	A.2.4-53	144			
20063	A.2.4-54	404			
20063	A.2.4-55	1237			
20063	A.2.5-67	306			
20063	A.3.2-68	1401			
20063	A.3.2-69	100			
20063	A.3.2-61	1136			
20063	A.3.3-63	463			
20063	A.3.3-64	1625			
20063	A.3.3-65	143			

20063	A.3.4-67	892				
20063	A.3.4-68	1335				
20063	A.3.4-69	1288				
20063	A.3.4-71	1293				
20063	A.3.5-72	1580				
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20063	P.2-15	1596				
20063	P.3-17	1697				
20063	P.3-18	1698				
20064	A.2.3-74	1291				
20064	A.2.3-75	540				
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20064	A.3.3-91	465				
20064	A.3.3-92	728				
20064	P.2-20	1596				
20064	P.2-21	776				
20064	P.3-22	216				
20064	P.3-24	137				
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20071	A.3.3-19	728				
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20071	A.3.4-23	1350				
20071	A.3.4-24	1293				
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20072	A.2.3-28	1537				
20072	A.2.3-29	1148				
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20072	A.3.2-40	871				
20072	A.3.2-41	100				
20072	A.3.3-42	466				
20072	A.3.3-43	1825				
20072	A.3.3-44	465				
20072	A.3.3-45	136				
20072	A.3.3-46	820				
20072	A.3.3-47	141				
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20072	A.3.4-49	1293				
20072	A.3.4-50	831				
20072	A.3.5-52	884				
20072	P.2-6	1419				
20072	P.3-7	137				
20072	P.3-8	1698				
20073	A.2.3-53	543				
20073	A.2.3-54	1507				
20073	A.2.3-55	234				
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20073	A.3.2-68	1401				
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20073	A.3.4-76	892				
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20073	A.3.5-78	1580				
20073	P.2-9	244				
20073	P.3-10	1698				
20074	A.2.3-80	314				
20074	A.2.3-81	543				
20074	A.2.3-82	1507				
20074	A.2.3-83	527				
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20074	A.2.4-88	404				
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20074	A.3.2-93	306				
20074	A.3.2-94	1581				
20074	A.3.2-95	304				
20074	A.3.3-101	465				
20074	A.3.3-96	1825				
20074	A.3.3-98	1300				
20074	A.3.3-99	728				
20074	A.3.4-102	1293				
20074	A.3.4-103	892				
20074	P.2-12	1419				
20074	P.3-13	1697				
20074	P.3-16	216				

Concatenated	BCF	vs.	120 BCFs for Cohen	Name / Location specifically listed within Cohen Order Dec 08,2010	Comments specific to FHAS database 2002-2007	NB (specific to FHAS database 2002-2007)
20034_A.2.3-32	56		56	Saltspring Is, Yeo Point, Cushion Cove		Cohen/Probascoz listed 120 farms in the Dec. 08, 2010 Order:
20031_A.2.3-7	56		71	Goodridge Island, Sooke Basin	Inactive &/or not selected for audits 2002-2007	5 of 120 are typos or misnamed, or don't exist
20032_A.2.3-32	56		78	Phillips Arm, East Side Cardero Channel		33 farms not listed by Cohen exist in BC, of which 18 were audited between Oct. 2002 and Dec. 2007 = Rejected from this dataset
20033_A.2.3-27	56		95	Mound Island, Indian Channel	Inactive &/or not selected for audits 2002-2007	45 farms of 120 do not appear in the FHAS database 2002-2007 = not active, or new since 2007, and/or not selected by algorithm.
20044_A.3.2-60	78		100	Lees Bay, N. shore, W. Thurlow Island		
20052_A.3.2-35	78		106	Simoon Sound, Wishart Peninsula	Inactive &/or not selected for audits 2002-2007	
20053_A.3.2-59	78		108	Ochard Bay, Karish Bay, Quadra Island	Inactive &/or not selected for audits 2002-2007	
20061_A.3.2-14	78		112	Centre Cove, Whiteley Island, Kyuquot Sound		
20073_A.3.2-64	78		136	Cliff Bay, Wishart Peninsula		
20032_A.3.2-24	100		137	Convillie Bay, Hoskyn Channel, Quadra Island		
20033_A.3.2-28	100		138	Dunsterville Bay, Hoskyn Channel		
20034_A.3.2-64	100		140	Deep Harbour, Broughton Island	Inactive &/or not selected for audits 2002-2007	
20041_A.3.2-11	100		141	Port Elizabeth, Gifford Island		
20043_A.3.2-51	100		142	Blunden Passage, Baker Island		
20054_A.3.2-82	100		143	Larsen Island, Indian Channel		
20061_A.3.2-13	100		144	Koskimo Bay, Quatsino Sound		
20062_A.3.3-38	100		169	Barkley, San Mateo Bay, Alberni Inlet	Inactive &/or not selected for audits 2002-2007	
20063_A.3.2-60	100		211	Sonora Island, Okisollo Channel		
20071_A.3.2-11	100		216	Yellow Island (Maude Is) Discovery Passage		
20072_A.3.2-41	100		219	Hardy Island, Jervis Inlet, Site B (Power)	BC farm NOT requested by Cohen, but was audited and databased	
20073_A.3.2-65	100		221	Vantage, Sechart Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20073_A.3.2-92	100		224	San Mateo Bay, South side, Alberni Inlet	Inactive &/or not selected for audits 2002-2007	
20024_P.2-18	112		227	Bawden Point, Herbert Inlet, Ross Passage		
20041_P.2-5	112		230	Belcher Point, Sulphur Passage	Inactive &/or not selected for audits 2002-2007	
20042_P.2-15	112		233	Indian Bay, Tofino Inlet		
20043_P.2-24	112		234	Dixon Point, Shelter Inlet		
20031_A.3.3-2	136		244	Lagie Bay, Tofino Inlet		
20032_A.3.3-33	136		247	St. Vincent Bay, Totem Oysters, Jervis Inlet		
20034_A.3.3-58	136		248	Convillie Point, Hoskyn Channel, Quadra Island		
20041_A.3.3-14	136		270	Jane Bay, Barkley Sound		
20052_A.3.3-38	136		303	Glacial Creek, Jervis Inlet	Inactive &/or not selected for audits 2002-2007	
20072_A.3.3-45	136		304	Raza Island, Raza Passage		
20073_A.3.3-74	136		305	Venture, S. Okisollo Channel (also 1401 Brent Is)		
20031_P.3-9	137		314	Ross Pass, Northeast McKay Island		
20033_P.3-29	137		332	Salten, Northwest Sechart Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20034_P.3-49	137		377	Bickley Bay, E. Thurlow Island	Inactive &/or not selected for audits 2002-2007	
20042_P.3-19	137		378	Thurlow Pt. South, Nodales Channel		
20061_P.3-5	137		380	Sonora Point, Nodales Channel, Sonora Island		
20062_P.3-12	137		388	Brougham Pt., East Thurlow Island		
20064_P.3-24	137		402	Homfray Creek/Channel (see also 1541)	Inactive &/or not selected for audits 2002-2007	
20071_P.3-2	137		404	Cliff Cove, opposite Steamer point, Esperanza Inlet		
20072_P.3-7	137		408	Kunehin, North Salmon Inlet, Site #5	BC farm NOT requested by Cohen, but was audited and databased	
20034_P.3-50	138		412	Site #9, North Salmon Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20043_P.3-27	138		442	Sansum Narrows	Inactive &/or not selected for audits 2002-2007	
20044_P.3-37	138		451	Sooke Basin	Inactive &/or not selected for audits 2002-2007	
20024_A.3.3-44	141		456	Doctor Bay, West Redonda Island		
20044_A.3.3-76	141		458	Cypress Harbour, Harbour Pt, Suttle Channel		
20052_A.3.3-42	141		465	Swanson Island, Yokohama Bay		
20061_A.3.3-18	141		466	Arrow Pass, Bonwick Island		
20071_A.3.3-15	141		467	Midsummer Island		
20072_A.3.3-47	141		468	Mistake Island, Havannah Channel	Inactive &/or not selected for audits 2002-2007	
20031_A.3.3-15	142		469	Lily Islets, Bockett Point, Havannah Channel	Inactive &/or not selected for audits 2002-2007	
20031_A.3.3-16	143		507	Obstruction Island, Shelter Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20032_A.3.3-47	143		520	Bedwell Sound East shore		
20033_A.3.3-36	143		526	Rant Point, Bedwell Sound, Clayoquot Sound	Inactive &/or not selected for audits 2002-2007	
20042_A.3.3-32	143		527	Saranac Island, Bedwell Sound		
20052_A.3.3-39	143		540	Fortune Channel, East side Warn Bay (see 1206)		
20062_A.3.3-42	143		543	Mussel Rock, Cypress Inlet, Clayoquot Sound		
20063_A.3.3-65	143		547	Read Island, Bear Bay		
20073_A.3.3-73	143		553	Frederick Arm, Egerton Creek & Far Side		
20051_A.2.4-5	144		572	Newcomb Point, Salmon Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20052_A.2.4-28	144		706	Hardy Bay, Port Hardy	Inactive &/or not selected for audits 2002-2007	
20053_A.2.4-52	144		728	Sir Edmund Bay, NE Shore Broughton Inlet		
20063_A.2.4-53	144		733	Cyrus Rocks, Okisollo Channel, Quadra Island		
20072_A.2.4-34	144		739	Upper Retreat Passage, Gifford Island	Inactive &/or not selected for audits 2002-2007	
20031_A.3.2-12	211		746	Farm 13, Sechart Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20033_A.3.2-31	211		753	Cormorant, Hecate Bay, Cypress Bay	Inactive &/or not selected for audits 2002-2007	
20034_A.3.2-55	211		754	Hardy Island, Jervis Inlet (Jervis)	Inactive &/or not selected for audits 2002-2007	
20044_A.3.2-67	211		769	Young Pass, Sonora Island		
20051_A.3.2-11	211		776	Baxter Islets, Dawley Passage		
20052_A.3.2-36	211		790	Chancellor Channel, W. Thurlow Island		
20062_A.3.2-36	211		817	Smith Rock, Gifford Island, Tribune Channel	Inactive &/or not selected for audits 2002-2007	
20071_A.3.2-12	211		819	Cecil Island, Greenway Sound		
20072_A.3.2-39	211		820	Wicklow Point, Broughton Island		
20073_A.3.2-66	211		821	Glacier Falls, Watson Cove, Tribune Channel	BC farm NOT requested by Cohen, but was audited and databased	
20024_P.3-20	216		831	Shelter Pass, Wishart Island		
20032_P.3-23	216		869	Maude, Broughton Island SE, Greenway Sound		
20041_P.3-7	216		871	Barnes Bay, Sonora Island (Okis Island)		
20042_P.3-22	216		884	Lochalsh Bay, Jackson Pass		
20043_P.3-31	216		892	Bell Island, Goletts Channel, S.E.		
20062_P.3-13	216		1031	Owen Point, Frederick Arm	Inactive &/or not selected for audits 2002-2007	
20064_P.3-22	216		1048	Tranquil Inlet, McCaw Peninsula	Inactive &/or not selected for audits 2002-2007	
20074_P.3-16	216		1059	Sargeant Pass, Tribune Channel	BC farm NOT requested by Cohen, but was audited and databased	
			1070	Penny Creek, Mactush Bay, Alberni Inlet	BC farm NOT requested by Cohen, but was audited and databased	
			1078	Lutes Creek, Hecate Channel		
			1079	Steamer Point, Hecate Channel		
			1110	Poison Creek, Loughborough Inlet (also 1117, Griff or Jack Creek)	Inactive &/or not selected for audits 2002-2007	
			1117	Jack Creek, Loughborough Inlet (also 1110)	Inactive &/or not selected for audits 2002-2007	
			1136	Shaw Pt., Geneste Point, Sunderland Channel		
			1144	Burdwood, Raleigh Passage		
20024_A.2.3-50	227		1145	Potts Bay	Inactive &/or not selected for audits 2002-2007	
20053_A.2.3-48	227		1148	Binns Island, Herbert Inlet		
20054_A.2.3-73	227		1158	Hohoa, Kyuquot Sound		
20061_A.2.3-3	227		1159	Amal Inlet, Amal Pt.		
20072_A.2.3-30	227		1164	Farside, see also 553 historically		
20073_A.2.3-56	227		1167	Egerton (see also 553 historically)	Inactive &/or not selected for audits 2002-2007	
20074_A.2.3-84	227		1191	Shelter Island Inlet, E. of Steamer Cove	Inactive &/or not selected for audits 2002-2007	
20032_P.2-14	233		1193	NE Eden Island, Fife Sound		
20034_P.2-41	233		1198	Raynor, Varg Island, Queen Charlotte Strait	Inactive &/or not selected for audits 2002-2007	
20041_P.2-2	233		1206	Fortune Channel (see 540)		
20051_P.2-2	233		1237	Monday Rocks, Quatsino Sound		
20054_P.2-21	233		1238	Mahatta West, Koskimo Islands, Quatsino Sound		
20034_A.2.3-50	234		1288	Doyle Island, Gordon Group		
20044_P.2-33	234		1291	MacIntyre Lake, Bedwell Sound		
20051_P.2-1	234		1293	Duncan Island, Goletts Channel		
20073_A.2.3-55	234		1299	Thorp Point, Holberg Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20033_P.2-22	244		1300	Althorp, Sunderland Channel		
20034_P.2-40	244		1308	Mayne Pass, E. Thurlow Island	Inactive &/or not selected for audits 2002-2007	
20041_P.2-1	244		1335	Wehlis Bay, Wells Passage		
20042_P.2-14	244		1336	Mt. Simmonds Bay, Wells Passage		
20063_P.2-14	244		1338	Mahatta East, Quatsino Sound		
20073_P.2-9	244		1350	Shelter Bay, Richards Channel, N. of Port Hardy		
20024_P.3-21	247		1351	Marsh Bay, Queen Charlotte Strait		
20042_P.3-21	247		1376	Cleagh Creek, Quatsino Sound	Inactive &/or not selected for audits 2002-2007	
20051_P.3-8	247		1382	Robertson Island, Queen Charlotte Strait	Inactive &/or not selected for audits 2002-2007	
20054_P.3-26	247		1399	Chancellor Channel, South Shore of Hardwicke Is.	Inactive &/or not selected for audits 2002-2007	
20032_P.3-28	248		1401	Brent Island, S. Okisollo Channel (also 306 historically)		
20044_P.3-39	248		1419	McCall Island, Ridout Islets, Tofino Inlet		
20053_P.3-18	248		1472	Westside, Mattset Narrows, Bedwell Sound		
20033_A.2.3-21	270		1507	Millar Channel, 2 km S Hayden Passage		
20034_A.2.3-49	270		1537	Bare Bluff, Clayoquot Sound, Bedwell Sound		
20024_A.3.2-21	304		1541	Homfray Creek/Channel (see also 402)	Inactive &/or not selected for audits 2002-2007	
20031_A.3.2-2	304		1554	Charlie's Place, Pinnace Channel, Kyuquot Sound		
20033_A.3.2-22	304		1580	Jackson Passage, Central Coast		
20041_A.3.2-10	304		1581	Hardwicke Is., South Shore, Chancellor Channel		
20042_A.3.2-29	304		1586	Doctor Islets, Knight Inlet	BC farm NOT requested by Cohen, but was audited and databased	
20052_A.3.2-31	304		1595	Oscar Passage, Central Coast	Inactive &/or not selected for audits 2002-2007	
20054_A.3.2-78	304		1596	Dawley Passage		
20064_A.3.2-85	304		1598	Arthur Island, Central Coast	BC farm NOT requested by Cohen, but was audited and databased	
20071_A.3.2-14	304		1618	Humphrey Rock, Tribune Channel fronting Gifford Island	BC farm NOT requested by Cohen, but was audited and databased	
20074_A.3.2-95	304		1621	Kent Island, Walker Group	Inactive &/or not selected for audits 2002-2007	
20024_A.3.2-22	306		1626	Church House		
20044_A.3.2-71	306		1691	Kid Bay, Finlayson channel	BC farm NOT requested by Cohen, but was audited and databased	
20051_A.3.2-12	306		1697	Culloden Pt., Fairview Bay in Jervis Inlet		
20052_A.3.2-33	306		1698	Ahlstrom, Jervis Inlet		
20053_A.3.2-86	306		1706	Muchalat Inlet South, Nooka Sound		
20063_A.3.2-57	306		1702	Goat cove, Finlayson channel	BC farm NOT requested by Cohen, but was audited and databased	
20064_A.3.2-86	306		1705	Williamson Pass, Nooka sound		
20074_A.3.2-93	306		1724	Markale Passage, North Hohoa	Inactive &/or not selected for audits 2002-2007	
20031_A.2.3-11	314		1738	Atrevida Point, Hanna Channel		
20032_A.2.3-28	314		1746	Dinner Point	Inactive &/or not selected for audits 2002-2007	
20051_A.2.3-2	314		1751	Raven Bay	Inactive &/or not selected for audits 2002-2007	
20054_A.2.3-71	314		1757	Petrel Point	Inactive &/or not selected for audits 2002-2007	
20061_A.2.3-5	314		1762	Gore Island	Inactive &/or not selected for audits 2002-2007	
20064_A.2.3-76	314		1770	Middle Point Bay (North Duncan Bay)	BC farm NOT requested by Cohen, but was audited and databased	
20071_A.2.3-4	314		1789	Conception Point		
20072_A.2.3-27	314		1825	Bennett Point, Cle Channel		
20073_A.2.3-57	314		1849	Muchalat North	Inactive &/or not selected for audits 2002-2007	
20074_A.2.3-80	314		1862	Hecate		
			1863	Esperanza		
			1895	Sheep Passage	Inactive &/or not selected for audits 2002-2007	
			1896	Line Point	Inactive &/or not selected for audits 2002-2007	
			1899	Warne Island	Inactive &/or not selected for audits 2002-2007	
				Ahlstrom. Typo Assume Ahlstrom 1698	Typo's or misnomers within Cohen's order	
				Bare Island? Wrong name = no such farm	Typo's or misnomers within Cohen's order	

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