Supplementary file 6. Tables identifying RIPK3 and MLKL mutations and premature stop codons in Cetacea order.

Supplementary file 6.1. Table identifying RIPK3 mutations and premature stop codons in Cetacea order.

	Exon 1	Exon 2	Exon 3	Exon 4	Exon 5	Exon 6	Exon 7	Exon 8	Exon 9	Exon 10
Tursiops truncatus	7nt del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	1nt del (20); Stop (42)	OK	OK	1nt del (12)
Globicephala melas	7nt Del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	1nt del (20); Stop (42)	OK	OK	Exon Not Found
Lagenorhynchus obliquidens	7nt Del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	1nt del (20); Stop (42)	OK	OK	Exon Not Found
Orcinus orca	7nt Del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	1nt del (20); Stop (42)	OK	OK	1nt del (12)
Neophocaena asiaeorientalis asiaeorientalis	Stop (84); 7nt Del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	Stop (42)	OK	OK	1nt del (12)
Phocoena sinus	Stop (84); 7nt Del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	Stop (42)	OK	OK	OK
Monodon monoceros	Stop (84); 7nt Del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	Stop (42)	OK	OK	Exon Not Found
Delphinapterus leucas	Stop (84); 7nt Del (242); Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	Stop (42)	OK	OK	Exon Not Found
Lipotes vexillifer	Stop (411)	Exon Not Found	Exon Not Found	Exon Not Found	Exon Not Found	OK	Stop (42)	OK	OK	Exon Not Found
Physeter macrocephalus	Stop (411); 1nt del (445)	Unknown (Fragmented Genomic Region, N's)	Stop (110)	OK	Ok	OK	Stop (42); 2nt del (71)	OK	OK	OK
Balaenoptera acutorostrata scammoni	Stop (228); Stop (411)	2nt ins (5);	Stop (110)	OK	OK	OK	Stop (42)	OK	OK	OK

Supplementary file 6.2. Table identifying MLKL mutations and premature stop codons in Cetacea order.

	Exon 1	Exon 2	Exon 3	Exon 4	Exon 5	Exon 6	Exon 7	Exon 8	Exon 9
Tursiops truncates (**Delphinidae**)	Exon Not Found	1nt ins (116)	1nt del (138)	1nt del (11)	OK	1nt del (87); Stop (161)	2nt del (53)	1nt ins (213)	OK
Globicephala melas (**Delphinidae**)	Exon Not Found	1nt ins (116)	1nt del (138)	1nt del (11)	OK	1nt del (87); Stop (161)	2nt del (53)	1nt ins (213)	OK
Lagenorhynchus obliquidens (**Delphinidae**)	Exon Not Found	1nt ins (116)	1nt del (138)	OK	OK	1nt del (87)	2nt del (53)	1nt ins (213)	OK
Orcinus orca (**Delphinidae**)	Exon Not Found	1nt ins (116)	1nt del (138)	OK	OK	1nt del (87)	Stop (5); 2nt del (53)	1nt ins (213)	OK
Neophocaena asiaeorientalis asiaeorientalis **(Phocoenidae)**	Exon Not Found	1nt ins (116)	1nt del (138)	OK	OK	1nt del (87)	2nt del (53)	Stop (39); 1nt ins (213)	OK
Phocoena sinus **(Phocoenidae)**	Exon Not Found	1nt ins (116)	1nt del (138)	OK	OK	1nt del (87)	2nt del (53)	Stop (39); 1nt ins (213)	OK
Monodon Monoceros (**Monodontidae**)	Exon Not Found	1nt ins (116)	1nt del (142)	OK	OK	1nt del (87)	2nt del (53)	Stop (39); 1nt ins (213)	OK
Delphinapterus leucas (**Monodontidae**)	Exon Not Found	Stop (51); 1nt ins (116)	1nt del (121); 1nt del (138); 1nt del (182)	OK	OK	1nt del (87)	2nt del (53)	1nt ins (213)	OK
Lipotes vexillifer (Lipotidae)	Exon Not Found	Stop (51); 1nt ins (116)	1nt del (121); 1nt del (138); 1nt del (182)	OK	OK	1nt del (87)	2nt del (53)	1nt ins (213)	OK
Physeter microcephalus **(Physeteridae)**	Unknown (Incomplete Genomic Sequence)	Unknown (Incomplete Genomic Sequence)	Unknown (Incomplete Genomic Sequence)	Unknown (Incomplete Genomic Sequence)	Unknown (Incomplete Genomic Sequence)	1nt del (87)	OK	Stop (246)	OK
Balaenoptera acutorostrata scammoni (Balaenopteridae)	Exon Not Found	OK	2nt del (10)	OK	OK	1nt del (87); 1nt del (134)	OK	Stop (246)	OK

Legend:

ins – insertion

del – deletion

stop – in-frame premature stop codon

(xxx) – (coordinate of the annotated deleterious mutation relative to the reference exon)