

**Supplementary Table S1. Primer pairs used in this work.**

Gene	Ensembl ID	Primer sense	Sequence (5'-3')	Application
<i>ptena</i>	ENSDARG00000071018	Forward	GTCATGGCAATGACTGCTAAAC	ORF amplification
		Reverse	TCAGACTTTTGTAACTGTGCGTG	
		Forward	GAGAAAGAGGAGAGCAGCGA	qPCR
		Reverse	CTCCACGGTCTTGGTGAAAT	
<i>ptenb</i>	ENSDARG00000056623	Forward	GCCATGGCTGCGATCATAAAGG	ORF amplification
		Reverse	TCAAACCTTTAGTAATCTGTTCTTC	
		Forward	AAGCTGGAAAGGGAAGAACG	qPCR
		Reverse	ACATATCGCCTCTGACTGGG	
<i>ifnphi1</i>	ENSDARG00000025607	Forward	GAGCACATGAACTCGGTGAA	qPCR
		Reverse	TGCGTATCTTGCCACACATT	
<i>ifnphi2</i>	ENSDARG00000069012	Forward	CCTCTTTGCCAACGACAGTT	qPCR
		Reverse	CGGTTCTTGAGCTCTCATC	
<i>ifnphi3</i>	ENSDARG00000070676	Forward	TTCTGCTTTGTGCAGGTTTG	qPCR
		Reverse	GGTATAGAAACGCGGTCGTC	
<i>ifnphi4</i>	ENSDARG00000100678	Forward	GGGGTCTCTCTGGATCTCCT	qPCR
		Reverse	ATCTGCTTCTCAGGCTCTGC	
<i>mx</i>	ENSDARG00000021688	Forward	CACAGACAATCATGCCACCT	qPCR
		Reverse	TTTGCAGTCCAAAGCAGCT	
<i>ch25hb</i>	ENSDARG00000045190	Forward	CCGTGAATCCCATGTTGCTT	qPCR
		Reverse	AGCTCCTCCGTAAGTCCAAAA	
<i>nkla</i>	ENSDARG00000112801	Forward	GATGACGAATGACGGAGTAAAC	qPCR
		Reverse	TCTCATTACAGCCCGGT	
<i>nkld</i>	ENSDARG00000044023	Forward	TGTGATCAGATCGGGTTCTT	qPCR
		Reverse	AGCACAGATGGTTCTGGCAT	
<i>prf19b</i>	ENSDARG00000001572	Forward	ATGGCTCTCCTTCTGTTGCT	qPCR
		Reverse	ACATCCACCACAAACGCTCC	
<i>prf3b</i>	ENSDARG00000030394	Forward	ACCTTCTCTTGCCTGTTGTG	qPCR
		Reverse	AAAGCTCCGTCCATATAGGG	
<i>gzma</i>	ENSDARG00000090380	Forward	AACACACAGCAGCACAGAGG	qPCR
		Reverse	GAGCCTGAAAGCACTCCAAC	
<i>gzmk</i>	ENSDARG00000028780	Forward	GCAGGAAATACACAGCAGCA	qPCR
		Reverse	AATCCACATCCTTGTGAGC	
<i>il6</i>	ENSDARG00000102318	Forward	TCAACTTCTCCAGCGTGATG	qPCR
		Reverse	TCTTCCCTCTTTCTCCTG	
<i>mfa</i>	ENSDARG00000009511	Forward	ACCAGGCCTTTTCTTCAGGT	qPCR
		Reverse	GCATGGCTCATAAGCACTTGTT	
<i>illb</i>	ENSDARG00000098700	Forward	TTCCCAAGTGCTGCTTATT	qPCR
		Reverse	AAGTTAAAACCGCTGTGGTCA	
<i>asc</i>	ENSDARG00000040076	Forward	CGGAATCTTTCAAGGAGCAG	qPCR
		Reverse	TGATCGCCCTCAAATCTCC	
<i>caspa</i>	ENSDARG00000008165	Forward	AAAAGGAGCGGCTCAGAGAA	qPCR
		Reverse	CACCCATAATGGCGTCTCTT	
<i>atg5</i>	ENSDARG00000023396	Forward	AGAGAGGCAGAACCTACTATC	qPCR
		Reverse	CCTCGTGTCAAACCACATTTT	
<i>becn1</i>	ENSDARG00000079128	Forward	GATCATGCAATGGTGGCTTTC	qPCR
		Reverse	CCTCCTGTGTCCTCAATCTTT	
<i>gabarapa</i>	ENSDARG00000035557	Forward	GTCTGACCTCACAGTTGGGC	qPCR
		Reverse	TCCTGGTAGAGCAGTCCCAT	
<i>lc3b</i>	ENSDARG00000101127	Forward	CGGTCACAGCATGGTATCTG	qPCR
		Reverse	TCAAATGTCTCCTGGGAAG	