

**Table S1**

Gene		Primer sequences
<i>Postn</i>	Forward	5' GCCTTAGCGACCTCTACAAT 3'
	Reverse	5' TAGCCGTCCGATACACAA 3'
<i>Napb</i>	Forward	5' GTTACTGGGGCTAGAGATGCC 3'
	Reverse	5' GGCCGTGAACAAAGCAGTAA 3'
<i>Layn</i>	Forward	5' GTCAGGTCGACCACTTTCCC 3'
	Reverse	5' TGAATTGGCTTTTGCAGGGTG 3'
<i>Htra3</i>	Forward	5' GCCAAGACTGGTCCCATGAA 3'
	Reverse	5' GCCAAGGCTACCAATGGTCT 3'
<i>Aanat</i>	Forward	5' GCGCCACACACTCCCTGCCA 3'
	Reverse	5' GCCCTTGCCCTGCTGCCGGAAG 3'
<i>Afm</i>	Forward	5' CTGGCCATCATCGCGTTTTTC 3'
	Reverse	5' AAGGGGTTTCCTTCTGGCAAC 3'
<i>POSTN</i>	Forward	5' GCGAGATCATCAAGCCAGCAGAG 3'
	Reverse	5' ATGTCCAGTCTCCAGGTTGTGTCA 3'
<i>NAPB</i>	Forward	5' GGAAACGCATTTTGTCAAGCA 3'
	Reverse	5' TTGCCCAACCTGCTCATAG 3'
<i>LAYN</i>	Forward	5' ACAGAGCTGACAACACCTGTA 3'
	Reverse	5' GATGTAGGCCAGATTCAAGGC 3'
<i>HTRA3</i>	Forward	5' CGTGGTGTCCAGCAACAGTGC 3'
	Reverse	5' CCGTGTGATGCGGTCTGAGGG 3'
<i>AANAT</i>	Forward	5' CAAAATCAGAAGGGAACAGTA 3'
	Reverse	5' TGGATGACAAATAGACAAGA 3'

<i>AFM</i>	Forward	5' GTCACGAAGATAGCTCCCC 3'
	Reverse	5' AGCCTCCCTTTGGTGCTTT 3'

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All primer sequences are derived from primer pick(<https://www.ncbi.nlm.nih.gov/tools/primer-blast/>).