

**Table 5, supplement. Primer list**

<b>Location</b>	<b>Forward Primer</b>	<b>Reverse Primer</b>	<b>Size (bp)</b>	<b>Annealing temp</b>
<b>Jarid</b>				
-11,995	CTTCGCCATAGGCTAGAAGG	CAACACTTGGCTCACAGTAAGG	52	64 <sup>0</sup> C
-7,860	TATGAGAGTGGCAGGAGTGC	ACCTCCAGGATGTGAACTGG	54	64 <sup>0</sup> C
-2,575	GGCACTGGGTTATCCCTACC	CCACACCCCTCATCTCTGTAGC	71	64 <sup>0</sup> C
-739	ATGCTGATGGCCAATGATAC	AGAAGCTTCAGTCCCACGTAGAG	65	64 <sup>0</sup> C
2,310	TGGAGGACAGGGTAGTTAATGG	CGAATGTGGTGACAAACAGG	72	64 <sup>0</sup> C
12,844	CTATTTAGGGCCATGAACAACC	TCCAGACAATATCCCGTTCC	76	64 <sup>0</sup> C
23,670	TGGGAGACACCATAGAACAGC	GGTCCAGATAACGCAAATCC	56	64 <sup>0</sup> C
33,517	AAGTGTACTCTGCGCTGTGC	AGCTCATCCAAGGTGTACCG	52	64 <sup>0</sup> C
39,013	GAGGAGCCATTATTGACATGG	AGGGCTCTCTGCCTACTTGG	51	64 <sup>0</sup> C
43,136	GAGGGTGGGAATCTTGTATGG	CAGTGTAGGGCTGGAAATGC	68	64 <sup>0</sup> C
49,527	CAGCGGTGGTTACAGTGTAGG	GCCTCCTTGCTTCTACATGG	54	64 <sup>0</sup> C
58,938	GCCTGTCTAAACGTGTTCTATGC	GTATGTGGCTGCAGTTCTCG	70	64 <sup>0</sup> C
65,265	AGCAAAGGTGCTAAGCAAGG	GGCTGTCCAGATAGCAGAGC	50	64 <sup>0</sup> C
75,982	GCAGGCCAAAGTCTATACCC	GCTGTTTGGAGCCATAGCC	68	64 <sup>0</sup> C
<b>Eif2s3x</b>				
-27,009	CCCTGGCCTTTAGAGATTGC	TTCCCAAATGAGACTGTTCC	57	64 <sup>0</sup> C
-22,542	AGTCCTGGGAAAGAAGACAGC	AGCCCAACTGTTTGGACTCG	51	64 <sup>0</sup> C
-17,609	ATTTCCCTCACTGCTCATCC	CAGGGAAACAACGTAAAGATCC	69	64 <sup>0</sup> C
-11,641	CCAAATTCCAGAGGTGTTTAGG	CCAAGGGTCCATTGTGTCC	68	64 <sup>0</sup> C
-7,658	CTCCCTCAGCTTTGAATTGG	AAGCCCAGTGTTTCATATGTGG	65	64 <sup>0</sup> C
-3,696	TTGGTAATCCTGGCTGATCTTAC	AAATATAGCTGGCCATGGTG	79	64 <sup>0</sup> C
-2,606	TGGGCATGTATATAGCTTAGTGG	TGATGGTACTGGTGATCTGAGC	82	64 <sup>0</sup> C
-1,899	GGCCTCACAAATGCTCTATTG	CCAGGCAGGAACTCAGAAAAG	59	64 <sup>0</sup> C
155	CCTGGAGATGAGGTGGTTCC	TCTAGGATGGCTCCTTCAGC	58	64 <sup>0</sup> C
7,712	GCAGGATAACCATTTCTTTCG	GAAAGGCCAGGACTAATTTGC	70	64 <sup>0</sup> C
10,021	GACCAACAGGGAATTTGAAGG	AAACTGCACCACCTCAACAGC	50	64 <sup>0</sup> C
21,546	CTTGTCATGCTATTTCAGCATCC	TCTCCGTAAAAGAAAGCTTAGACC	75	64 <sup>0</sup> C
28,232	GACTGAGCCCATCATTGTCC	AGTGCACCTTCAGTACAGCTTGC	50	64 <sup>0</sup> C
30,936	CAGAACTTGGTGATATCTTGTCG	TACTTGCTTTCTTGGTTGTGTGC	73	64 <sup>0</sup> C
33,961	ACAGCCCATGTGAATGTCC	GCTTCAGAGTCTCCTCCAACC	55	64 <sup>0</sup> C
38,904	ACAGAGCAGGCACAAATGC	TTCTCTAGTGCAGCCTGAAGC	70	64 <sup>0</sup> C
44,905	GACCCAATAGCCTTGTAACAGC	GTCATGTGGCTAAGAACTTGC	77	64 <sup>0</sup> C

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579	GAACCAGACTGTGTGCATGG	TGGGTGAGCAGTACTTGAGC	72	64 <sup>0</sup> C
2,011	TGCGTGATACCAACTCAATAGC	TCCATGGGACTAAGACATGC	60	64 <sup>0</sup> C
4,496	TGTGAGTCCTTGCTCTGATCC	TCGTTGGAGGTGTTTGAGC	65	64 <sup>0</sup> C
9,468	GCCTTCCATGACCTTGTCC	TGAGTGATGGCCTTGATCG	64	64 <sup>0</sup> C
11,673	CATTGCTCATCTTGCATTCC	GTGGTCTGATGGAGTGATGC	80	64 <sup>0</sup> C
14,853	ACCAGTGACCTCTCCGATGG	TGAGTGATGGCCTTGATCG	66	64 <sup>0</sup> C

**Primers for sequence analysis**

Gene	Forward Primer	Reverse Primer	Size (bp)	Annealing temp
<i>5530601H04Rik</i>	CCCAGCTTACTTTGCCTTTG	GTGCTGTAACTGGGCATCT	474	55 <sup>0</sup> C
<i>2610029G23Rik</i>	CTTTGGTTCAGTGATGCCCT	TCAGCCTCTCAGGTATTGGAA	441	55 <sup>0</sup> C
<i>Magee1</i>	CCCATCATAATGGAGGGATG	AGATGGATCCTTGGCCTTTT	405	55 <sup>0</sup> C

**Primers used for gene expression**

<i>Raet1e</i>	AGGATCCTACCTCAGCAGACC	CATCCACTGAGCACTTCACG	54	64 <sup>0</sup> C
<i>Vldlr</i>	CTCTGGAGTTCCTAGCTCATCC	GACGCGATCCTCAAATATGG	53	64 <sup>0</sup> C
<i>Abcc4</i>	AGGAGCTTCAACGGTACTGG	CTTCCTCGAGTCCTTCTTGG	59	64 <sup>0</sup> C
<i>Abcc4</i>	CTTCCTAGGACCTGTTGTACTCC	ACCCTGACATAGACCCTTGC	81	64 <sup>0</sup> C
<i>Acot1</i>	TCAAGGGCTGGGAATGG	TCGCAGCTGGATTGAACC	77	64 <sup>0</sup> C
<i>BC020535</i>	AGAATCGCTCCACCTACTGG	ATCCAAGAACCTGGTGTTC	206	64 <sup>0</sup> C
<i>Spsb4</i>	AAGCCAGCCCTTGATGG	AATGGAGGACAGTCTCTCTGC	65	64 <sup>0</sup> C
<i>Acot2</i>	AAGTGCCTATGAAGGACTGAGG	CGAATGCATTACCACCAAGC	51	64 <sup>0</sup> C
<i>Tmem98</i>	CCATGTATCTTCCGCTTTCC	TGACTTCGCATTTCCCTCAGC	54	64 <sup>0</sup> C
<i>Tcp1112</i>	AGTGGCATTGGAGATGTGG	GGATGCAGTCTAGGGACAGG	51	64 <sup>0</sup> C
<i>8430408G22Rik</i>	GGGCAATTCTAGTGAGACC	TGGGAGCTAGACTGTTCATCG	54	64 <sup>0</sup> C
<i>Mysm1</i>	AAGGAAGGCGCTAGAGAAGC	CACCAGATTAAGTGCCCTTGC	204	64 <sup>0</sup> C
<i>Klh124</i>	GTTTCGCTGACCTGTGATGC	GCACTAGATGTGGCAAGAAGC	63	64 <sup>0</sup> C
<i>Lpin1</i>	ACTTGCTCCATAGTAACATGTCC	CAGAAGCCTGTCTCAGATGC	84	64 <sup>0</sup> C