

# Indel	Gene ID	Sequence (5'-3')	Expected product length (bp)
1	ENSMUSG00000004709 ( $\Delta 4$ )	F- AAGAAGACAGAACAGGGCTCAC R- TAGCTCACATTGTCATCCTTGG	419
2	ENSMUSG000000049605 ( $\Delta 12$ )	F- GACAGTGTACACATTGGTCATT R- TGGAGATGATGAGAATGTAAGA	458
3	ENSMUSG000000073489( $\Delta 38$ )	F- TTAATGCCACATGATCAGTTAT R- CCTAGACCATCTATTTTGGTTT	426
4	ENSMUSG000000093894 ( $\Delta 5$ )	F-AAGTCTACAAGCAAACCTTCTC R-CATATACATGGGTGACAATGAC	452
5	ENSMUSG000000095197 ( $\Delta 5$ )	F-GCTGTATCTGAGCAAGTCTACA R-ATACACTTGGGTGACAATGAC	464
6	ENSMUSG000000091087 ( $\Delta 21$ )	F-TAGATGGACATTTACAAAGCTG R-TATCCTCACCTGTTCCAAAC	412
7	ENSMUSG000000096020 ( $\Delta 14$ )	F-TAGATGGACATTTACAAAGCTG R-GCTACACCTTCACAAGCTACTA	402
8	ENSMUSG000000096445 ( $\Delta 6$ )	F-GTTGTGATGTCTTCTGTGCTC R-GTACTCAGAACTGCCACATA	405
9	ENSMUSG000000073411 ( $\Delta 5$ )	F-GGAAGGAGCAGAATTACACAT R-GTTCAAGGAAGATCTTGACACT	468
10	ENSMUSG000000054128 ( $\Delta 10$ )	F-GTGCACCTCTGTGTCTTTTT R-GCTGGACTACTACAACCTGAGT	451
11	ENSMUSG000000073386 ( $\Delta 5$ )	F-TTCTTGAGTCCTCTTCAACTCT R-CTCTCTGACAGGAAGCATTAT	413
12	ENSMUSG000000072980 ( $\Delta 27$ )	F-ACTCGGGAAAACAAAACAAAC R-AAAGAAATATGGCGACTCTCT	418
13	ENSMUSG000000040329 ( $\Delta 5$ )	F-CAATGAAAGGGGTATAGTTCAT R-AATTGTGAGAAGTTTCATTGTG	445
14	ENSMUSG000000028433 ( $\Delta 88$ )	F-CAGGGTCTAGTTTGTCCAGTAT R-TTGCCATCTTTATCCTACAGAC	401
15	ENSMUSG000000050141 ( $\Delta 34$ )	F-AGGAGCTGACAGAGTCAATTT R-GACGACTCCTGTGCTCAGAT	401
16	ENSMUSG000000048163 ( $\Delta 31$ )	F-CAGACGTTGTAAACAGAGTTTT R-ACACAGTGGAGTCTAACCTCAG	409
17	ENSMUSG000000053720 ( $\Delta 5$ )	F-CAGACACTGAAGAACACTAGCA R-TCACATTTGGAATTGTATTCAC	409
18	ENSMUSG000000067173 ( $\Delta 5$ )	F-CAGGTAGAGGCTTTCATCA R-ACCCGATGTTTTTGTATAGT	418
19	ENSMUSG000000057421 ( $\Delta 16$ )	F-TCTACATCATCACTTTCCTCAA R-GCGAGTCTGTTCCATTTATACT	411

**Table S18**