|  |  |
| --- | --- |
| ***Kif6tm1a*(KOMP)Wtsi**  **Cassette primers** |  |
| CSD-lacF | GCTACCATTACCAGTTGGTCTGGTGTC |
| CSD-neoF | GGGATCTCATGCTGGAGTTCTTCG |
| CSD-loxF | GAGATGGCGCAACGCAATTAATG |
| ***Kif6 tm1a*(KOMP)Wtsi**  **Gene Specific Primers** |  |
| CSD-Kif6-R | GGTTAGGAGGAAGAGAAGGGCATCC |
| CSD-Kif6-ttR | ACAGATGCTGGAGATCACACTCTCG |
| CSD-Kif6-F | ACTCTCTTCAAAGCCCACATCATGC |
| **Mouse CRISPR oligos/genotyping primers** |  |
| mKif6-R2-ex14-T7 | TAATACGACTCACTATAGGAGATGTCACTGGGACGCCGTTTTAGAGCTAGAAATAGC |
| Universal T7 tracer | AAAAGCACCGACTCGGTGCCACTTTTTCAAGTTGATAACGGACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAAC |
| Ms\_*Kif6*crispr\_r2\_donor oligo | GAGAGGAGATGTCACTGGGAGTCATGGCGTTTAAACCTTAATTAAGCTGTTGTAGCGCCAGGAGGCTTTTGAGAT |
| Mus\_*Kif6*\_ex14F | TCCCAAAATGATGTGACTGAAG |
| Mus\_*Kif6*\_ex14R | AGTCTCTGGACTGGCTTACCTG |
| *Kif6p.G555fs* 3stopDonor\_FWD | CATGGCGTTTAAACCTTAATTAAGCTG |
| *Kif6p.G555fs* 3stopDonor\_REV | CAGCTTAATTAAGGTTTAAACGCCATG |
| **Mouse Kif6 qPCR primer sets** |  |
| Ms\_*Kif6*qPCR\_exon8\_FWD1 | TCGGAAAAACACCGTACACA |
| Ms\_*Kif6*qPCR\_exon10\_REV1 | CTTTTGCAAGCGAACAATCA |
| Ms\_*Kif6*qPCR\_exon7\_FWD2 | TTCAACCCGGTCACACTGTA |
| Ms\_*Kif6*qPCR\_exon8\_REV2 | TACGGTGTTTTTCCGAAAGG |
| Ms\_*Kif6*qPCR\_exon6\_FWD3 | TGGAGGACCCTGATCAGAAC |
| Ms\_*Kif6*qPCR\_exon7\_REV3 | TACAGTGTGACCGGGTTGAA |

Konjikusic et al., 2018

Table SIII