**Table S3. Primer and oligonucleotide sequences**

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| Primer | Sequence |
| For\_TcZC3H12\_XbaI | 5’tctagaATGCCCAAGGCCAACAAG’3 |
| Rev\_TcZC3H12::HA\_XhoI | 5’ctcgagTTAAGCGTAATCTGGTACGTCGTATGGGTATTCGTAATATGTAGAGAGAG’3 |
| For\_5’KO\_TcZC3H12\_HindIII | 5’aagcttGGAGAACTTAAGGCATTCAT3’ |
| Rev\_5’KO\_TcZC3H12\_SacI | 5’gagctcCGTTCAGAGAACTCTCTG3’ |
| For\_3’KO\_TcZC3H12\_XhoI | 5’ctcgagGAGTTGTTGGGTTTGAGC3’ |
| Rev\_3’KO\_TcZC3H12\_XbaI | 5'tctagaCCTGTAGGAAAGCAAAGCCG3’ |
| sgTcZC3H12 | 5’GGAGGCCGGAGAATTGTAATACGACTCACTATAGGACTTCCGTGTTGGACTGAGTCGTTTTAGTACTCTGGAAACAGAATC3’ |
| sgSpCas9\_REV | 5’AAAAAAGCACCGACTCGGGCCACTT3’ |
| For\_TcZC3H12 | 5’AACTCGCGTTACAAGGAGGG3’ |
| Rev\_TcZC3H12 | 5’TCTCCCCCGTAAACCGACCT3’ |
| For\_RPL9\_qPCR | 5’TGACAACTCGACCATCAACA3’ |
| Rev\_RPL9\_qPCR | 5’GGCGAAGCGAATCTTAAAAC3’ |
| For\_TcZC3H12\_qPCR | 5’GGCGAAGCGAATCTTAAAAC3’ |
| Rev\_TcZC3H12\_qPCR | 5’GGCCTCACGCTCATCTAGTC3’ |
| For\_PAD\_qPCR | 5’GGTGGAGACGGACGTCGA3’ |
| Rev\_PAD\_qPCR | 5’TAGACAAAGCTGGCGTTG3’ |
| For\_transporter\_qPCR | 5’CTGCTGGGCAGCTTCTGT3’ |
| Rev\_transporter\_qPCR | 5’GACAACCGCAACCACACCAG3’ |
| For\_Neo | 5’CGACCCTGCAGCCAATATGGGATCG3’ |
| Rev\_Neo | 5’TCAGAAGAACTCGTCAAGAAGGCG3’ |
| For\_Higro | 5’ATGAAAAAGCCTGAACTCACCGC3’ |
| For\_CDS\_PAD | 5’ATGACCGGCGAACAATTTG3’ |
| Rev\_CDS\_PAD | 5’TTACGGACGTGCCACCTT3’ |
| For\_CDS\_GAPDH | 5’ATGCCCATCAAGGTCGGTATC3’ |
| Rev\_CDS\_GAPDH | 5’CTACAACCTTGCCGAACGATC3’ |

\*Lowercase letters indicate enzymes restriction sites

\*Underlined letters represent HA epitope