**Supplementary Table 5: Primer list**

|  |  |  |
| --- | --- | --- |
| **Amplicons** | **Primer Name** | **Sequence** |
| IAP | IAP-retro-ChIP-as | CTTCCTTGCGCCAGTCCCGAG |
|  | IAP-LTR-ChIP-S | GCTCCTGAAGATGTAAGCAATAAAG |
|  |  |  |
| MERVL | MERVL\_int-365-fw | CTT CCA TTC ACA GCT GCG ACT G |
|  | MERVL\_int-519-rv | CTA GAA CCA CTC CTG GTA CCA AC |
|  |  |  |
| MERV10KC | MMERVK1OKC\_LTR\_344-FW | TTC GCC TCT GCA ATC AAG CTC TC |
|  | MMERVK10C\_INT\_481-RV | TCG CTC RTG CCT GAA GAT GTT TC |
|  |  |  |
| MTA | MTA-R | AGCCCCAGCTAACCAGAAC |
|  | MTA-F | ATGTTTTGGGGAGGACTGTG |
|  |  |  |
| ESET preKO | 5’ screening | CAGCTTGGAGGAATTGGTTC |
|  | Lox 3C | TCCCAAACCTCATAGGGTAAAA |
|  |  |  |
| ESET KO | 5' Screening F | CAGCTTGGAGGAATTGGTTC |
|  | 3' Screening R | TTTCTTTGCCTTTGAGATGGA |
|  |  |  |
| MCK cre | MCKCre5 | ATGTCCAATTTACTGACCGTAC |
|  | MCKCre3 | CGCCGCATAACCAGTGAAAC |
|  |  |  |
| Zfy1 | Zfy1-F | GACTAGACATGTCTTAACATCTGTCC |
|  | Zfy1-R | CCTATTGCATGGACAGCAGCTTATG |
| mXist | mXist-F | GAC CTT CAC AAC AGA CAG G |
|  | mXist-R | TGA AGC AGC CAT TAG ACT TG |
|  |  |  |

**Supplementary Table 5.** List of PCR and qPCR primers.