**Supplementary table**

List of all QPCR, sgRNAs and DNA PCR primers and their sequences

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| Primers | | Sequence |
| Q-PCR  Primers |  | |
| GUS | Forward | 5' - AAACAGCCCGTTTACTTGAG |
| Reverse | 5' - AGTGTTCCTGCTAGAATAGATG |
| SNAI | Forward | 5' - CCCAATCGGAAGCCTAAC |
| Reverse | 5' - AGGACAGAGTCCCAGATGA |
| VIMEMTIN | Forward | 5' - ATTGAGATTGCCACCTACAG |
| Reverse | 5' - CCGTCTTAATCAGAAGTGTCC |
| TWIST | Forward | 5' - CAGCTATGTGGCTCACG |
| Reverse | 5' - TTCTCCTTCTCTGGAAACAATG |
| N-cadherin | Forward | 5' - CCAACAATTTCAGAGAGTACAACTT |
| Reverse | 5' - GATGCCATCAATGTCATCCT |
| Lentivirus WPRE | Forward | 5' - TCATGCTATTGCTTCCCGTA |
| Reverse | 5' - CCAAGGAAAGGACGATGAT |
| CRISPR Oligos |  | |
| Scramble | Forward | 5' - CACCGCCATATCGGGGCGAGACATG |
| Reverse | 5' - AAACCATGTCTCGCCCCGATATGGC |
| EGFR 1 | Forward | 5' - CACCGGAATTCGCTCCACTGTGTTG |
| Reverse | 5' - AAACCAACACAGTGGAGCGAATTCC |
| EGFR 2 | Forward | 5' - CACCGCGATCTCCACATCCTGCCGG |
| Reverse | 5' - AAACCCGGCAGGATGTGGAGATCGC |
| EGFR DNA Primers |  | |
| EGFR  Exon 3 | Forward | 5' - ATGACTGCAATCGTCTACC |
| Reverse | 5' - TCTGCCATCTTCTCAGTAACTT |
| EGFR  Exon 9 | Forward | 5' - GGAAATAATGAGGAGAACGCA |
| Reverse | 5' - ATGTGTGAAGGAGTCACTGAAA |
| FKRP DNA  Primers | Forward | 5' - TACAGCGAAAGCAACCACT |
| Reverse | 5' - GCTCTCCTCCTGCCAAT |
| RFLP Primers |  |  |
| EGFR 1 | Forward | 5' – GCGGCCTCTAATACGACTCACTATAGGGGAATTCGCTCCACTGTGTTGGTTTTAGAG |
| EGFR 2 | Forward | 5' - GCGGCCTCTAATACGACTCACTATAGGGCGATC TCCACATCCTGCCGGGTTTTAGAG |
| Universal | Reverse | 5' - AAAAAAGCACCGACTCG |