**Table S5. Primers used for generating pri-miRNA ASE Luciferase constructs**

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| **Primer** | **Sequence (5’-3’)** |
| Pri-miR-181c/d ASE(A) Fwd MluI | AAAAAAACGCGTGGTAACAGCCTGGGTTTGAGGG |
| Pri-miR-181c/d ASE(A) Rev BglII | AAAAAAAGATCTCCCTCGTACTCCACGCTGCAGC |
| Pri-miR-181c/d ASE(B) Fwd MluI | AAAAAAACGCGTGCCTGAGCTTCAGGGTAGTAAGGAAGT |
| Pri-miR-181c/d ASE(B) Rev BglII | AAAAAAAGATCTGCCCTATCTCTGTGTCCTATGTCCCA |
| Pri-miR-341~3072 ASE(A) Fwd MluI | AAAAAAACGCGTCTGTTCTCCCAGGATTGCCTGG |
| Pri-miR-341~3072 ASE(A) Rev BglII | AAAAAAAGATCTCGCAGATGAACTTGGGGATGAA |
| Pri-miR-341~3072 ASE(B) Fwd 1 MluI | AAAAAAACGCGTCCTTAGCATAATGTCCACGTTGGG |
| Pri-miR-341~3072 ASE(B) MUT Rev 1 | GTGGGTTTTTGTATTGATTAAGATCATTAAATCA |
| Pri-miR-341~3072 ASE(B) MUT Fwd 2 | TAATCAATACAAAAACCCACAGTT |
| Pri-miR-341~3072 ASE(B) MUT Rev 2 | TGGTGTGCTGTTTACTGCG |
| Pri-miR-341~3072 ASE(B) MUT Fwd 3 | ACGCAGTAAACAGCACACCAAATGCTCTTACCTT |
| Pri-miR-341~3072 ASE(B) Rev 3 BglII | AAAAAAAGATCTCCTCCCGTGTATACAGAATCCGAGG |
| Pri-miR-341~3072 ASE(C) Fwd MluI | AAAAAAACGCGTCATCAAGTGCTTCTCTGAAGACGTGG |
| Pri-miR-341~3072 ASE(C) Rev BglII | AAAAAAAGATCTCCTCCCGTGTATACAGAATCCGAGG |
| Pri-miR-341~3072 ASE(B) MUT construct was generated by overlap extension PCR of 3 amplicons as indicated by primer labels. Nucleotides introduced for mutagenesis are shown underlined. The insert for the WT pri-miR-341~3072 ASE(B) construct was amplified using pri-miR-341~3072 ASE(B) Fwd 1 and Rev 3 primer pair |