

### Supplementary Tables:

Name	Sequence (5' – 3')	Ta
E5 HindIII forward	GAC <b>AAG CTT</b> GTG TAC TAT <b>GCC</b> AAA TCT ATG	60 °C
E5 XhoI reverse	TCG <b>CTC GAG</b> CGA AGG CAT <b>TAA</b> AAG GG	60 °C
E6 HindIII forward	TCC <b>CAA GCT</b> TGG GCA <b>CAT GGA</b> CCT GAA A	61 °C
E6 EcoRI reverse	CCG <b>GGA ATT CCC</b> AAG TTT <b>CTA</b> TGG GTA TTT G	61 °C
GAPDH forward	TGA AGG TCG GTG TGA ACG GAT TTG GC	60 °C
GAPDH reverse	CAT GTA GGC CAT GAG GTC CAC CAC	60 °C

**Table S1.** Primer sequences and annealing temperatures. Bold letters represent start and stop codons. Bold and italic letters represent restriction sites.

Name	Sequence (5' – 3')
E5-pCEP4	<b>AAGCTT</b> GTGTA <b>CTATG</b> CCAAATCTATGGTTTCTATTGTTCTTGGGACTAGTTGC TGCAATGCAACTGCTGCTATTACTGTTCTTACTCTTGTTTTTTCTTGTATACTGG GATCATTTTGAGTGCTCCTGTACAGGTCTGCCCTTT <b>TAAT</b> GCCTTCG <b>CTCGAG</b>
E6- pZeoSV2(+)	<b>AAGCTT</b> GCCAC <b>CATG</b> GACCTGAAACCTTTTGCAAGAGCGTTTAACTTAAGCTT GCCACCATGGACCTGAAACCTTTTGCAAGAACCAATCCATTCTCAGGGTTGGA CTGTCTGTGGTGCAGAGAGCCTCTTACAGAAGTTGATGCTTTTAGGTGCATGG TCAAAGACTTTTCATGTTGTAATTCGGGAAGGCTGTAGATATGGTGCATGTACCA TTTGTCTTGAAA <b>ACTGTT</b> AGCTACTGAAAGAAGACTTTGGCAAGGTGTTCCAG TAACAGGTGAGGAAGCTGAATTATTGCATGGCAAACACTTGATAGGCTTTGC ATAAGATGCTGCTACTGTGGGGGCAA <b>ACTAACAAAAAATGAAAAACATCGGCA</b> TGTGCTTTTT <b>AATGAGC</b> TTTTCTGCAAACCAGAGCTAACATAATTAGAGGACG CTGCTACGACTGCTGCAGACATGGTTCAAGGTCCAAATACCCAT <b>AGAACTTG</b> <b>GGAATTC</b>

**Table S2.** Sequences of genes incorporated in mammalian vectors. Bold letters represent start and stop codons. Bold and italic letters represent restriction sites.