

**Supplemental Table 1:** List of oligonucleotide primers used in this study. Restriction sites that were incorporated into the primer sequence are underlined and indicated.

primer	sequence
hGg5-del-5S	5' -CTTTTGCTCGAGATGAAACAGGCG-3' ; XhoI
hg5-del-3A	5' -CAGGGATCCTGAAATGTGTTTTAGG-3' ; BamHI
hg3-del-5S	5' -TGAGGATCCAATAAGCTCCTAGTCCA-3' ; BamHI
hg3-del-3A	5' -ATGTCTAGAGGCAGAGGACAGGTT-3' ; XbaI
hAg5-del-5S	5' -ATTTTTCTCGAGATGAAACAGTCA-3' ; XhoI
he5-del-5S	5' -AATACTCGAGACAAAGTAGCCAGT -3' ; XhoI
he5-del-3A	5' -TAAAACAGAATTCTCACCCAGTTC -3' ; EcoRI
he3-del-5S	5' -CGAATTCACTAGCAAGCTCTCAGG -3' ; EcoRI
he3-del-3A	5' -CCAAAGCTTGTCAAAAAATCTCT -3' ; HindIII
DT-5S2	5' -TGGACAACCTCAAGGGCACT-3' ;
DT-3A1	5' -GGTGAATTCCCTTGCCAAAGTT-3' ;
DT-5S1	5' -CTCATGGCAAGAAGGTGCTA-3' ;
DT-3A2	5' -TTCTGATAGGCAGCCTGCAT-3' ;
3C-HS2/3/4	5' -TTGTCTATTTCTCTCTCTAACATAGTTGTC-3' ;
3C- $\gamma$	5' -CTCTCATCTGTAAGATGCAAATAGTAAGC-3' ;
3C- $\beta$	5' -CCTCTTATCTTCCTCCCACAGCT-3' ;
3C-Ercc3-a	5' -GTAGCACGTGTCTAGCCTTG-3' ;
3C-Ercc3-b	5' -TTAGGCCGGAGTAGCCATTC-3' ;