**Appendix 4. The genomic region around the splice site mutation is conserved in 8 primate genomes and less or not conserved in other mammals.**

**exon|intron**

Human: CGGGGACTGG AGACCTCCAG **G**TG AGGAAG GGGAACGAAG T

Gorilla: CGGGGACTGG AGACCTCCAG **G**TG AGGAAG GGGAACGAAG T

Chimpanse: CGGGGACTGG AGACCTCCAG **G**TGgAGGAAG GGGAACGAAG T

Bonobo: CGGGGACTGG AGACCTCCAG **G**TGgAGGAAG GGGAACGAAG T

Orangutang: CGGGGaACTGG AGACCcCCAG **G**TG AGGAAG GGGAACGAAG T

Green Monkey: CGGGGACcGG AGACC CCAG **G**TG AGGAAG GGGAACGAAG T

Rhesus**:** CGGGGACcGG AGACC CCAG **G**TG AGGAAG GGGAACGAAG T

Baboon: CGGGGACcGG AGACC CCAG **G**TG AGGAAG GGGAACGAAG T

Gibbon: CaGGGACTGG AGACCcCCAa **G**TG AGGAAG GGGAACGAAG T

Rabbit: CCAG **G**TG AGGAAG GGGAACG

Squirrel monkey: GG AGACC CCAG **G**TG AGGAAG G

Guinea Pig: GACCTCCAG **G**TG AGGAAG GG

Horse: ACCTCCAG **G**TG AGGAAG GG

Pig: CCTCCAG **G**TG AGGAAG GGGAA

Rat: CTGG AGACCTCCAG **G**TG gaag aagcAGGAAG

Dog: GGGACTGctttctcCCTCCAG **G**TG AGGAAG GGGA

Cat: GACTGGAGtccagagggtcaCAG **G**TG AGGAAG GGGAACG

No alignments for: Mouse, Chicken, Marmoset, Tarsier, Elephant, Hedgehog, Dolphin