

Supplementary Table - Castellano

DNA Sequence of *Kiss1* and *Golt1a* transcripts found in rat placenta

Golt1a Rat Placenta (Ensembl: Rnor_5.0: Chromosome 13)

Exon / Intron	Start	End	Length	Sequence
Exon 1	55,602,891	55,602,771	121	ACTGTTGCCAAGGGTCAGCTTCTGGGAACATGCCCAGGATCCTCTGGGCTCTTTCTAG ACAGCTGACCAGGAAGGCCCCCCAGTGGACTGAAGCATGATCTCCATCACAGAGTGGCAG A
Intron 1-2	55,602,770	55,592,921	9,850	gtgagtggaatgaatggccggtggt.....ttcaggctctccttacctttggcag
Exon 2	55,592,920	55,592,829	92	AAATTGGCGTGGGCATCACCGGCTTCGGCGTCTTCTTCATCCTCTTTGGGATACTCTTGT ACTTCGATTCCGTGCTCTTGGCTTTTGGAAAC
Intron 2-3	55,592,828	55,592,060	769	gtgagtcctccgacactaggtacct.....catcctcatttcctgggcctgcag
Exon 3	55,592,059	55,591,881	179	CTGCTGTTCTGACTGGCCTCTCCCTCATCATCGGCCTGAGGAGAACGTTTTCTTCTTC TTCCAACGGCACAAGCTCAAGGGAACAAGCTTCTTCTGGCGGTGTGCCATTGTGCTG CTGCGCTGGCCCCTGCTAGGCATGCTCTTGGAGGCCTATGGGTTCTGTTAGCCTCTTCAA
Intron 3-4	55,591,880	55,591,136	745	gtgagtaccattttcctcagtctca.....cccctgtcctctcttctattcctag
Exon 4	55,591,135	55,591,072	64	GGGGTTTTTCCCTGTAGTCTTTGGCTTCCTGGGCAATGCATTTAACATCCCCTTCCTGAG CGCA
Intron 4-5	55,591,071	55,590,481	591	gtaagtaggtggggcttgtgcttag.....gaataatgactcttgtttctcacag
Exon 5	55,590,480	55,590,425	55	CTGTTCCAGAGGCTTCAAGGCTCCTCCAGCTCAATGGTCTGA ACTGCCACCCCG
Intron 5-6	55,590,424	55,582,750	7674	gtgagctccttgaattcggattgtt.....ctcactcctctgtactctgtcctag
Exon 6	55,582,749	55,582,203	546	GCCAACAGTCCGGACCCCAGGAACTCGTTAATGCCTGGCAAAGGGCCCGCGGTATGCAG AGAGCAAGCCTGGGGCTGCAGGACTGCGCGCTCGCCGAACATCGCCATGCCCGCCGGTGG AGAACCCACGGGGCACCAGCGGCCCCCGTGTGCCACCCGAGTCGCCTGATCCCTGCGC CCCGCGGATCGGTGCTGGTGCAGCGCGAGAAGGACATGTCAGCCTACAACCTGGAACCTCT TTGGCCTGCGCTACGGCAGGAGGCAGGTGGCGCGGGCGGCACGGGGCTGAGTGCAGGGTT GCAGGTGGATTGCAGCCCACCCATGGCAGAGGCCAAGGCAGGGAGCTTCTAGACTTGTG CAATAAAAGCAATGCTGTGCGCTTACCCTGTGTGATTTTTCCCGGAATCTGCGGGCAGT GCAGAGAGGGCAGATCCTCTTCTCCCTTAGTTGCCTCTTCTCTGATTTCAAGATGTCTCT GGTGCCAAAATCGGTACTTTTTAAATTACTAGTTAAGGAAGGACCCGGCTGTTGCCCCGG CTATTG

Kiss1 Rat Placenta (Ensembl: Rnor_5.0: Chromosome 13)

Exon / Intron	Start	End	Length	Sequence
Exon 1	55,585,008	55,584,860	149	TCTTCGTCTCAGCCTCTGGACACCCTGTGGATCTGCCTCTTCCAGAAATGATCTCGCTGGC TTCTTGGCAGCTGCTGCTTCTCCTCTGTGTGGCCTCTTTTGGGGAGCCACTGGCAAAAAT GGCACCTGTGGTGAACCCTGAACCCACAG
Intron 1-2	55,584,859	55,582,750	2,110	gtacacaccatcccggaaaaggggg.....ctcactcctctgtactctgtcctag
Exon 2	55,582,749	55,582,203	546	GCCAACAGTCCGGACCCCAGGAACTCGTTAATGCCCTGGCAAAGGGCCCGCGGTATGCAG AGAGCAAGCCTGGGGCTGCAGGACTGCGCGCTCGCCGAACATCGCCATGCCCGCCGGTGG AGAACCCACGGGGCACCAGCGCCCCCGTGTGCCACCCGAGTCGCCATGCCCTGCGC CCCGCGGATCGGTGCTGGTGCAGCGGAGAAGGACATGTCAGCCTACAACGGAACTCCT TTGGCCTGCGCTACGGCAGGAGGCAGGTGGCGCGGGCGGCACGGGGCTGAGTGCAGGGTT GCAGGTGGATTGCAGCCCACCCATGGCAGAGGCCAAGGCAGGGAGCTTCTAGACTTGTG CAATAAAAGCAATGCTGTGCGCTTACCGTGTGTGATTTTTCCCGGAATCTGCGGGCAGT GCAGAGAGGGCAGATCCTCTTCTCCCTTAGTTGCCTCTTCTCTGATTTCAAGATGTCTCT GGTGCCAAAATCGGTACTTTTTAAATTACTAGTTAAGGAAGGACCCGGCTGTTGCCCCGG CTATTG

Relative positions of the transcripts are referred to Ensembl: Rnor_5.0: Chromosome 13. In purple are untranslated regions, in blue the introns and in black the coding regions.