

TABLE S1 Oligonucleotide sequences used for PCR-[α -³²P]dCTP of the human *KISS1* gene.

Gene	Exon	Primer sequence 5'-3'	Amplicon size in base pairs	Annealing temperature
<i>KISS1</i>	1	gtctttgttccctctctctgtctc ttgcaacaaccaacttgctc	218	60 °C
	2a	ccggcctcatctttctgt cttctcccgtgcacca	251	60 °C
	2b	tgctactgccaggctga cgcatgctctgactccttg	294	60 °C

TABLE S2 Oligonucleotide sequences used for PCR-[α -³²P]dCTP of the human *KISS1R* gene.

Gene	Exon	Primer sequence 5'-3'	Amplicon size in base pairs	Annealing temperature
<i>KISS1R</i>	1a	agggcgcaatcctggag acgtagatgaccagcgagttc	244	60 °C
	1b	ctcgtgccgtcttcttc tcaggcgcagggacca	281	60 °C
	2	gccatcctgtggtcactc ccaagtgcgccctctcc	277	60 °C
	3	cgtgtatgtgcctgagtgtt taggacgtgtccgcctt	291	60 °C
	4	ggtcttcatcctggctgt ccagccttgctgtcctc	293	60 °C
	5a	gcctttcgtctaaccacctt gctgtaggacatgcagtgag	240	60 °C
	5b	catccagctgttcctgggtg gaaggcctgtcgggaagtg	169	60 °C
	5c	cgctgctctacgccttc cgctgttccagcagtc	296	60 °C

TABLE S3 Oligonucleotide sequences used for PCR-[α -³²P]dCTP of the human *NK3* gene.

Gene	Exon	Primer sequence 5'-3'	Amplicon size in base pairs	Annealing temperature
<i>NK3</i>	1	tacctgagtcctgtcccttt caggcagagtccaagttc	205	60 °C
	2	agtggatccgggtggga tctcccaggcctcttatctca	212	60 °C
	3	tcatcactttccaacttcactcc gggagctggcataattgttgta	204	60 °C
	4	gggagatgcttcactttctca gcacgtgacttctgtcatact	177	60 °C
	5	ctgttgatcagggtgtagttc cctgtagcatggaggaaaatg	230	60 °C

TABLE S4 Oligonucleotide sequences used for PCR-[α -³²P]dCTP of the human *NK3R* gene.

Gene	Exon	Primer sequence 5'-3'	Amplicon size in base pairs	Annealing temperature
<i>NK3R</i>	1a	gaggcagagaagaacttcagag ggaagccacaggcagtc	275	60 °C
	1b	agttgagactgggtggct cacaaggaagtagttggtgacag	268	60 °C
	1c	gatcatcctggcccacaag ctccctcttctctctgtct	259	60 °C
	2	aaacgccttgaataaccttga gttgctcctaatactgtagttcct	347	60 °C
	3	tccaataaggcttcagcatgt ctaggtaacaacatggaccagta	218	60 °C
	4	gcatgattgcaataagcta gcaacttgcatctcgtagt	300	58 °C
	5a	gctgaaagacatactgcttgaaa tttctccgactggacctg	257	60 °C
	5b	atgtacaccgtgaccagaatg tcctagactggcaccatga	256	60 °C

TABLE S5 Oligonucleotide sequences used for PCR-[α -³²P]dCTP of the human *DYN* gene.

Gene	Exon	Primer sequence 5'-3'	Amplicon size in base pairs	Annealing temperature
<i>DYN</i>	1	agatgactttgtgggctcag ggacctgggcattgaagaa	263	60 °C
	2a	gcagaccagtgcattgttt ccttcaggaatgacccagaga	243	60 °C
	2b	gggagcaagtcggttg tagagtgtgccagctccat	239	60 °C
	2c	agtctgagctgatgaggat acttgagcttgggacgaatg	234	60 °C
	2d	gccatgaggacctgtacaaa tgaatgcactccaacctgaa	236	60 °C

TABLE S6 Oligonucleotide sequences used for PCR-[α -³²P]dCTP of the human *OPRK1* gene.

Gene	Exon	Primer sequence 5'-3'	Amplicon size in base pairs	Annealing temperature
<i>OPRK1</i>	1a	cctgtcctcgccttct agtagaccgcgtgatgat	233	60 °C
	1b	cagcagcgctgggttc cctgacctcactccct	241	60 °C
	2a	cattcaccttatgggttgacttg aggatgaagatgctggtgaac	249	60 °C
	2b	gggatgtgctgtgcaagata ggcctactcagctcaaatta	310	60 °C
	3a	actttgcagccacggttaata tacgcagggttgcgatctt	266	60 °C
	3b	ctgatgacctgcgtctcaag ggattcaggctactgttggtatag	239	60 °C
	3c	gctgctctctccagctattac cccgaagaactgtacgaagac	260	60 °C
	3d	gggacatcgatgggatgaataa tagagaagaggtgcatgtgtg	250	60 °C