

Supplementary Table 1 Primers for MSP.

Genes	M or UM	Forward primer	Reverse primer	Length	Annealing	Number
				of PCR product (bp)	temp. (°C)	of PCR cycles
<i>DDIT4L</i>	M	AGTGTGAAAGCGCGGAC	ACTAAAACCGCAATTCCG	91	58	32
	UM	TTTGAGTGTGAAAGTGTGGA	CCACTAAAACCACAATTCCA	97	58	32
<i>NPY</i>	M	TTTAAAGTCGATATTCGTGC	ATAAACTTCCTCGCCG	129	57	34
	UM	GGGTGTAGAGAGTGGGTTGT	TCCCTAAATCAACTCATA	164	59	32
<i>C6orf141</i>	M	TTTTTTTGAATGGTTAGATAG	CAAATAACCGGTACG	77	57	32
	UM	TTTTTTTGAATGGTTAGATA	CCCCAACTAACACATACA	81	56	32
<i>SPAG6</i>	M	GGTAGTGTAGGGATATTCGA	ACGTAACGTCACGACCG	153	64	34
	UM	GGGTAGTGTAGGGATATTTG	CCAAACATAACATCACAACC	158	58	32
<i>PCDHGC4</i>	M	TTATTAGTAAAAACGGCGC	AAACATTACTACCGCCCG	167	58	33
	UM	GTAATTTTGTGGTGTGGTT	TACAAAACATTACTACCACC	152	56	35
<i>CRYBA2</i>	M	GGGTTCGTAGTTTTTTCGC	GATCCATTTCCCTCGCG	93	58	32
	UM	GGGGTTTGTAGTTTTTGT	CAATCCATTTCCCTCACA	95	58	32
<i>N-TWIST/FERD3</i>	M	TTAGAGTATTTTTATCGGTG	TCTAATAAAACACCATCAC	95	60	32
	UM	TGTTAGAGTATTTTTATTGG	ATCTAATAAAACACCATCAC	98	58	32
<i>CHR3SYT</i>	M	GGTTGACGTTTGCGTTAC	CCCTAAAAAACGAACCG	89	58	34
	UM	GTATATTTTGGTTGATGTTT	CCAATAAATCCACAACCTCCA	141	58	32
<i>CYP26C1*</i>	M	TTTTTTCGTGAGCGCGTC	CCGATTCACACAACGTAACG	95	66	n/a
	UM	AGTTTTTTTGTGAGTGC GTT	TCCCAATTCACACAACATAA	99	61	n/a

\*Analyzed by real-time MSP.

*Supplementary Table 2 Primers for quantitative RT-PCR.*

<i>Genes</i>	<i>Forward primer</i>	<i>Reverse primer</i>	Length of PCR product (bp)	Annealing temp. (°C)
<i>DDIT4L</i>	TTGCTGGACTGTGGCTAT	TCTGGCAAGTTGATTCCT	115	60
<i>NPY</i>	ATCCAGCCCAGAGACT	TCATTGCCATCACCACA	104	60
<i>C6orf141</i>	CCGCATCAAAGACTTCCA	TAAGCCAAGGAGTTTCAGG	156	64
<i>SPAG6</i>	GCTGTTGTGAAGTGCGAC	CTGGGGAGAATGTTTACC	117	60
<i>PCDHGC4</i>	CCACCCTCTGATCTTCTCT	AGCATCTCTGTGTCAAACCTC	149	64
<i>CRYBA2</i>	TTTGACCTCGTTGATGACT	TCGGTAGCCTGGGTACT	117	65
<i>N-TWIST/FERD3L</i>	GCGGATGTTCAACCTCAA	CGCTTTCCTTCTTCTCACAG	161	60
<i>CHR3SYT</i>	GAGAAGAGCATCCACCTGA	CTTGACACCGTTGACCCT	81	68
<i>CYP26C1</i>	AACCTCTTCTCACTGCCTCT	TGCAGCCTTGTCCTCGT	126	62
<i>NEFL</i>	CAGCTTGATGGACGAAAT	CCATTCCTCAGCGTTCT	145	58
<i>GAPDH</i>	AGGTGAAGGTCGGAGTCA	GGTCATTGATGGCAACAA	99	60