

Supplemental Table

Table S1 Primers used in this study

Gene	GenBank No.	Sense/antisense	Primer sequence (5'- to 3'-)	Size (bp)
Primers for cloning the coding sequence of <i>cSPX2</i>				
<i>SPX2</i>	KF601213	Sense	GGACAGAAGTCGTGGGAGAAT	308
		Antisense	TCAACAGAGACATAGCTATAGG	
Primers for 5'-RACE and 3'-RACE PCR				
<i>SPX2-L1</i>	KF601213	Antisense	CAAGCTTAACCTGGAGGACTTCAGTGC	
<i>SPX2-L2</i>		Antisense	CTATGGTTTACCCTTTGGAGCACACCCG	
<i>SPX2-U1</i>		Sense	CCTTATAGTTGAAATCGGGTGTGCTCCA	
<i>SPX2-U1</i>		Sense	CAAGCTTAACCTGGAGGACTTCAGTGCA	
Primers for quantitative real-time PCR assay				
<i>SPX2</i>	KF601213	Sense	AATCGGGTGTGCTCCAAAGG	90
		Antisense	TATCTCCTGCCATAGCGTCC	
<i>NPY</i>	NM_205473	Sense	AGCCCAGAGACACTGATCTCAG	184
		Antisense	TGCATGCACTGGGAATGACGCT	
<i>AGRP</i>	NM_001398243	Sense	GGAACCGCAGGCATTGTC	163
		Antisense	GTAGCAGAAGGCGTTGAAGAA	
<i>CART</i>	KC249966	Sense	CGTCCCGAGAGAAGGAGCTGATC	123
		Antisense	ACTGCTCTCCGGCGTCGCACAT	
<i>PMCH</i>	NM_001195795	Sense	AGAGGAGCGATGCCTTTGCT	310
		Antisense	CTCTTCCCAGCATACATCTGAG	
<i>POMC</i>	NM_001398117	Sense	CTGGGGCTGCTGCTGTGTCA	207
		Antisense	GAAATGGCTCATCACGTACT	
<i>β-actin</i>	NM_205518	Sense	GTCACCAACTGGGATGATAT	188
		Antisense	GCCTGGATGGCTACATACAT	