

SUPPLEMENTAL MATERIAL

Supplemental Table I. Oligonucleotide Primers Used to Amplify the 13 Exons of G_sα.

Exon	Fragment size (bp)	Upstream primer	Downstream primer
1	347	5'-TCC-TGC-TCT-GGT-CCG-CCT-GC-3'	5'-CTG-CGC-CTT-CTC-CTC-GTT-GC-3'
	141	5'-CCG-CCA-TGG-GCT-GCC-TCG-GGA-A-3'	5'-CCC-GCC-CGC-CCT-TAC-CCA-GCA-3'
2	224	5'-ACA-ACA-GCA-GAC-CTC-CCT -3'	5'-GCC-CAC-CTA-TAC-TTC-CTA-AA-3'
3	217	5'-CTC-TTG-GCT-TGA-TGG-TTG-A-3'	5'-CCT-CAG-TTT-CCC-AGT-ATG-A-3'
4/5	361	5'-CTG-ACA-TGG-TGC-AAT-ATG-AT-3'	5'-ACA-CTG-TGC-TCA-GGG-TTT-G-3'
6	199	5'-ACT-CTG-GTC-TCA-GGG-TTT-G-3'	5'-GGG-TGG-CGG-TTA-CTT-ACT-3'
7/8*	345	5'-GCG-CTG-TGA-ACA-CCC-CAC-GTG-TCT-3'	5'-GAA-ACC-ATG-ATC-TCT-GTT-AT-3'
9/10*	347	5'-CTC-TGG-AAT-AAC-CAG-CTG-TCC-TC-3'	5'-CGC-AGG-GGG-TGG-GCG-GTC-ACT-CCA-3'
11*	212	5'-CCT-GGC-CGA-AAG-CGC-GCT-TCT-3'	5'-AGC-CAG-CAA-GAG-TGG-AAG-CC-3'
12*	293	5'-GGA-GCT-ACA-GAG-ATG-CTA-GC-3'	5'-AGT-AAA-TTT-ACA-TCC-ATG-AGA-3'
13*	322	5'-TGG-ATT-TGA-GCT-CTT-TGC-GC-3'	5'-TAA-TTA-AAT-TTG-GGG-GTT-CC-3'

* Primers previously reported⁹