

## SUPPLEMENTARY MATERIAL

Supplemental Table 1. Primers used for resequencing the human GR $\alpha$  Gene (*NR3C1*).

<i>NR3C1</i> Resequencing Primers				
	Forward or Reverse	Region	M13 Tag Sequence	Primer Sequence
1	F R	5'FR of Exon 1A1, Exon 1A1, Exon 1A2, Exon 1A3		CCAACAAAAGCACAAAGGAAA TATCCAGCACACAACATCAGC
2	F R	Highly conserved region in intron A3		TAAAAATGAAGCTGCCACTCTCT TTATGGTCTTAAGCATGGCTTTG
3	F R	5'FR of Exon 1D		TGAAGGGAGAATAATTGGGAAC GGTAGCCTAAGCCGTCCTTC
4	F R	5'FR of Exon 1D, Exon 1D		CCCTCTTCTTTCCGAGGTG CCCGAATCTTGACATTTGCT
5	F R	Exon 1E, Exon 1B		GCCCTCTCCTTCTCAGGAC TGCACTTCGAAAGGGGCTAC
6	F R	Exon 1F		GGTTCTGCTTTGCAACTTCTCT GAACGATGCAACCTGTTGGT
7	F R	Exon 1C		ACCCTTTTTCTGGGGAGTT ACTCCCCGAGGCTAATAAAAGT
8	F R	Exon 1H		ATATTTCCCTCCTGCTCCTTCT ATTACGGTTACAGGGGGTCTTT
9	F R	Exon 2		TTCAATTAACAAGCTGCCTCTTACT AGCACATGAATCTTTAGAGAACACA
10	F R	Exon 3		GCACTTGAAGCCAGAGTTCAC CCCTCCTCTCCCCTTTAACT
11	F R	Exon 4		CAATACCTGTGGGTGTCTTGG TTCCCATTTTTATTGGGCAGT
12	F R	Exon 5	TGTA AACGACGGCCAGT	TTGAATAAACTGTGTAGCGCAGA CACCTGTATTACCTGACTCTCC
13	F R	Exon 6		AAAAACACAAGAGGGTTTGTGAGT TCTATTTCCAGTTTGCCTAGATCC
14	F R	Exon 7		CCAAGATGCAGGAAGTTAAGG TGGTGTCACTTACTGTGCCTTT
15	F R	Highly conserved region in intron 7		GCAAGGTAAGGGACAAGGTTC CATTTCAAGCCATTTTCCTGA
16	F R	Exon 8, Exon 9 $\alpha$	TGTA AACGACGGCCAGT CAGGAAACAGCTATGACC	TCCTTTAACTGACTTCATCTTAACCTT CAACAAAACCTCTACAGGACAACT
17	F R	3'-UTR		GCTGAAATCATCACCAATCAGA AGCTGAGCTTTCTGTACCATC
18	F R	3'-UTR		GCTGTAACACAGCTGAGAGACTTT TGTGAGATGTGCTTTCTGGTTTTA

**NR3C1 site-directed Mutagenesis Primers**

	Forward or Reverse	SNP	Primer Sequence
1	F	Arg (23) Lys	GCTCAGGAGAAGGGAGATGTGAT
	R		CCATCACATCTCCCTTCTCCTGA
2	F	Phe (65) Val	GACTTTTGGTTGATGTTCCAAAAGGCT
	R		GCCTTTTGGAACATCAACCAAAAGT
3	F	Gly (99) Arg	CAAAAGTGATGAGAAATGACCTGGGAT
	R		CCCAGGTCATTTCTCATCACTTTTGTT
4	F	Ala (229) Thr	GCTTTCCTCTGACGGGAGAAGACGA
	R		TCGTCTTCTCCCGTCAGAGGAGAAAG
5	F	Ile (292) Val	GCACCCCTGGGGTAGTTAAGCAAGAGAAA
	R		TTCTCTTGCTTAACTACCCAGGGGTGCA
6	F	Ser (325) Gly	GTTCATGGTGTGGGTACCTCTGGAGGA
	R		CCTCCAGAGGTACCCACACCATGAACA
7	F	Asn (363) Ser	GTTGGTCCGAAAGTTGGAATAGGT
	R		CACCTATTCCAACTTTCGGAACCAA
8	F	Thr (504) Ser	TTCAGCAGGCCTCTACAGGAGTCTCA
	R		GAGACTCCTGTAGAGGCCTGCTGAAT
9	F	Asp (687) Glu	GAGCTATTTGAGGAAATTAGAATGA
	R		CATTCTAATTTCTCAAATAGCTCT
10	F	E2p879G>A	GCACCCCTGGGGTAATTAACAAGAGAACTGGG
	R		CCCAGTTTCTCTTGTTAATTACCCAGGGGTGC
11	F	E6p1764C>T	AGGTTTCAGGAACTTACATCTGGATGACCAAATGACC
	R		GGTCATTTGGTCATCCAGATGTAAGTTCCTGAAACCT
12	F	E8p2034C>T	TCTCTCAGTTCCTAAGGATGGTCTGAAGAGCCA
	R		TGGCTCTTCAGACCATCCTTAGGAACTGAAGAGA
13	F	E9p2298T>C	CAGATACCAAAATATTCAAACGGAAATATCAAAAACTTCTG
	R		CAGAAGTTTTTGGATATTTCCGTTTGAATATTTGGTATCTG
14	F	E2p66G>A/Arg (23) Lys	GCAGTGTGCTTGCTCAGGAAAAGGAGATGTGATGGAC
	R		GTCCATCACATCTCCCTTTTCTGAGCAAGCACACTGC