

**Table S4.** Oligonucleotide sequences for site-directed mutagenesis and reporter gene assay, and EMSA probes. (A) Site-directed mutagenesis oligonucleotide sequences. Underlined nucleotides are responsible for amino acid changes. (B) Sequences of oligonucleotides used to perform PCR reactions to amplify regions surrounding indicated SNPs for luciferase reporter gene constructs using patients DNA as a template. Underlined nucleotides represent the restriction enzyme site, Acc65I for forward primer and Mlu1 for reverse. (C) EMSA probes.

<b>A) Site Directed Mutagenesis Primers</b>			
<i>SNP (FKBP5)</i>		<i>Probe Sequence</i>	
Thr(22)Ala	forward	5'- GAAAGCCCCACAGCC <u>G</u> CTGTTGCTGAGCAGG-3'	
	reverse	5'- CCTGCTCAGCAACAGCGGCTGTGGGGCTTTC-3'	
Glu(383)Leu	forward	5'- GGAAGTAAACCC <u>CT</u> GAATAAGGCTGCAAG-3'	
	reverse	5'- CTTGCAGCCTTATTCAGGGGGTTTACTTCC-3'	

  

<b>B) Reporter gene assay</b>			
<i>SNP</i>		<i>Oligonucleotide Sequence</i>	<i>product size (bp)</i>
rs148128369	forward	5'- TAG <u>GTAC</u> CTTTCTGGGGATTCACA-3'	469
	reverse	5'- TAA <u>CGCGT</u> AGTCCTTCCATCTCA-3'	
rs116796504	forward	5'- TAG <u>GTAC</u> CTTTTCAGTCCTTGCTGCAAAC-3'	571
	reverse	5'- TAA <u>CGCGT</u> AACAGAGTGTCTACAGGTCCA-3'	
rs73746499	forward	5'- TAG <u>GTAC</u> CTTTTCAGTCCTTGCTGCAAAC-3'	571
	reverse	5'- TAA <u>CGCGT</u> AACAGAGTGTCTACAGGTCCA-3'	
rs73748206	forward	5'- TAG <u>GTACC</u> CTTTCTCAGATTCAGTT-3'	401
	reverse	5'- TAA <u>CGCGT</u> ACCACTGTTTTACAATTGCC-3'	

  

<b>C) EMSA</b>			
<i>SNP</i>		<i>Probe Sequence</i>	
rs73748206	wild type	F	5'- ATGTTACATAAGGATGAAATCATCT-3'
		R	5'- AGATGATTTTCATCCTTATGTGAACAT-3'
	variant	F	5'- ATGTTACATAAAGATGAAATCATCT-3'
		R	5'- AGATGATTTTCATCTTTATGTGAACAT-3'