

## Supplementary Tables

**Supplementary Table S1. Oligos used for mutagenesis**

<i>CCDC88C<sup>D43N</sup> (Asp43Asn)</i>	
Fwd	5'-GACTATGTACATGGATTTAGTG <sup>A</sup> ACGGCATCTTTTTGAACC-3'
Rev	5'-GGTTCAAAAAGATGCCGT <sup>T</sup> CACTAAATCCATGTACATAGTC-3'
<i>CCDC88C<sup>R203W</sup> (Arg203Trp)</i>	
Fwd	5'-GGCTCATCGACCAG <sup>T</sup> GGGACGAGTGCACCG-3'
Rev	5'-CGGTGCACTCGTCCC <sup>A</sup> CTGGTCGATGAGCC-3'
<i>CCDC88C<sup>R464H</sup> (Arg464His)</i>	
Fwd	5'-CGAATGTGCGTCCAGCC <sup>A</sup> CATCCTGAAGCTGGAG-3'
Rev	5'-CTCCAGCTTCAGGATG <sup>T</sup> TGGCTGGACGCACATTTCG-3'
<i>CCDC88C<sup>E665K</sup> (Glu665Lys)</i>	
Fwd	5'-GAAAGTCGAGGCCCTG <sup>A</sup> AGCATGAGAGCCAGGG-3'
Rev	5'-CCCTGGCTCTCATGCT <sup>T</sup> CAGGGCCTCGACTTTC-3'

**Supplementary Table S2. Oligos used for cloning**

Mini prom BglII Fw:	5'-gatctTAGAGGGTATATAATGGAAGCTCGACTTCCa -3'
Mini prom Hind3 Rev:	5'-agcttGGAAGTCGAGCTTCCATTATATACCCTCTAa-3'
AP1-response element SacI Fwd:	5'-cTGAGTCAGTGACTCAGTGAGTCAGTGACTCAGTGAGTCAGTGACTCAGc-3'
AP1-response element XhoI Rev:	5'-tcgagCTGAGTCACTGACTCACTGAGTCACTGACTCACTGAGTCACTGACTCAgagct-3'