

Supplementary Table S1. Primers used for site-directed mutagenesis

ChrR41	Glu146Thr	
	<i>Forward</i>	5'GGTGATGAACAAGCCG <u>ACCT</u> TTTATGGGCGGCGTG3'
	<i>Reverse</i>	5'-CACGCCGCCATAAA <u>GGT</u> CGGCTTG TTCATCACC3'
ChrR42	Tyr85Asn	
	<i>Forward</i>	5'-CGCCGGAATATAACA <u>ACT</u> CGGTACCGGGTG-3'
	<i>Reverse</i>	5'-CACCCGGTACCGAGT <u>T</u> GTTATATTCCGGCG-3'
ChrR43	Arg125Met	
	<i>Forward</i>	5'-GTGATTGGCGGCGCG <u>ACCT</u> GTCAGTATCACCT-3'
	<i>Reverse</i>	5'-AGGTGATACTGACAG <u>G</u> TCGCGCCGCCAATCAC-3'
