**Supplementary Table S1.** Primers used for site-directed mutagenesis

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| **ChrR41** | Glu146Thr *Forward* | 5’GGTGATGAACAAGCCGACCTTTATGGGCGGCGTG3’ |
| *Reverse* | 5’-CACGCCGCCCATAAAGGTCGGCTTGTTCATCACC3’ |
| **ChrR42** | Tyr85Asn *Forward* | 5’-CGCCGGAATATAACAACTCGGTACCGGGTG-3’ |
| *Reverse* | 5’-CACCCGGTACCGAGTTGTTATATTCCGGCG-3’ |
| **ChrR43** | Arg125Met *Forward* | 5’-GTGATTGGCGGCGCGACCTGTCAGTATCACCT-3’ |
| *Reverse* | 5’-AGGTGATACTGACAGGTCGCGCCGCCAATCAC-3’ |