

Additional file 1. Primer sequences used to introduce mutations into 5-HT7R

Mutation	Primer
ΔR395 (HA tag)	for: GATCGAGGATCCATGTACCCATACGACGTCCCAGACTAC rev: GATCGATCTAGATTACAGGTCCCGGTTGAAGAAGGC
ΔR395	for: CTTTTATATATGCCTTCTTCAACCGGGACCTGCGGGATCCACCGGTCGC rev: GCGACCGGTGGATCCCGCAGGTCCCGGTTGAAGAAGGCATATATAAAAG
E325G	for: CACGAAAGGAAAAACATTTCCATCTTCAAGAGGGGACAGAAAGCAGCCACTACCTTGGG rev: CCCAAGGTAGTGGCTGCTTTCTGTCCCTCTTGAAGATGGAAATGTTTTTCCTTTCGTG
K327S	for: GAAAGGAAAAACATTTCCATCTTCAAGAGGGAACAGAGCGCAGCCACTACCTTGGGGATC rev: GATCCCCAAGGTAGTGGCTGCGCTCTGTTCCCTCTTGAAGATGGAAATGTTTTTCCTTTC
E325G/K327S	for: CACGAAAGGAAAAACATTTCCATCTTCAAGAGGGGACAGAGCGCAGCCACTACCTTGGGGATC rev: GATCCCCAAGGTAGTGGCTGCGCTCTGTCCCTCTTGAAGATGGAAATGTTTTTCCTTTCGTG
F278A	for: GGAAGAGCGCAGCCAAACACAAGGCCTCAGGCTTCCCACGCGTG rev: CACGCGTGGGAAGCCTGAGGCCTTGTGTTTGGCTGCGCTCTTCC
F281A	for: GCAGCCAAACACAAGTTCTCAGGCGCCCCACGCGTGCAGCC rev: GGCTGCACGCGTGGGGCGCCTGAGAACTTGTGTTTGGCTGC
F278A/F281A	for: GGAAGAGCGCAGCCAAACACAAGGCCTCAGGCGCCCCACGCGTGCAGCC rev: GGCTGCACGCGTGGGGCGCCTGAGGCCTTGTGTTTGGCTGCGCTCTTCC