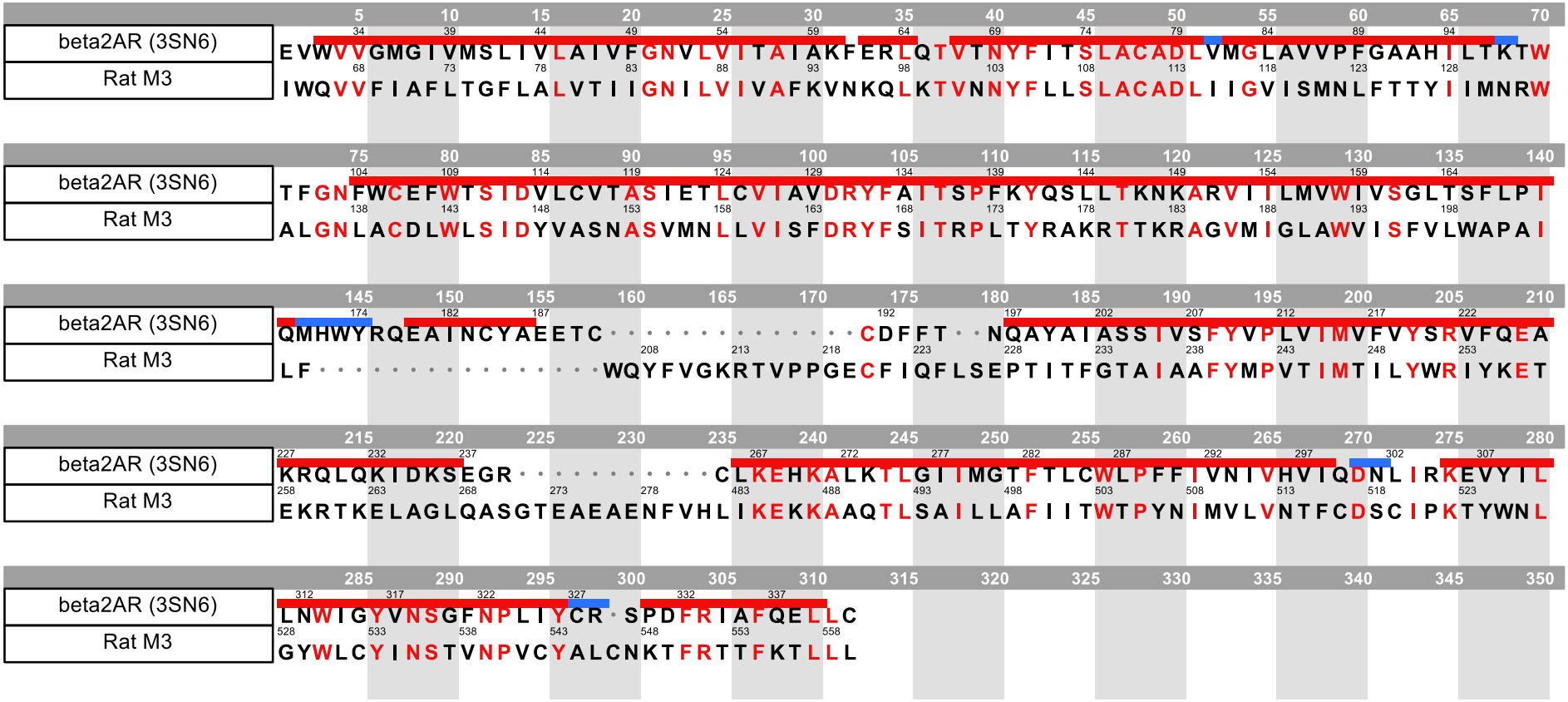
Supplemental Table 1. Distances between matching α-carbons in a model of a rat M3R dimer characterized by a TM5-TM5 interface. The M3R dimer model was generated as described under Materials and Methods and corresponds to the energetically most favorable M3R dimer compatible with experimental BRET data (14). Cα numbers refer to amino acid positions in the rat M3R sequence.

Cα-Cα	Distance (Å)
252-252	15.83
253-253	19.53
254-254	14.73
255-255	9.47
256-256	15.13
257-257	16.70
258-258	10.45
259-259	8.50
260-260	13.30
261-261	13.17



Supplemental Figure 1. Alignment of the sequences of the human β_2-adrenergic receptor (β_2-AR; PDB ID: 3SN6; ref. 17) and the rat M_3 muscarinic receptor (M3R). The residues that are conserved among the two receptors are highlighted in red. The bars above the sequences indicate the secondary structure found in the crystal structure of the β_2AR (red, α-helix; blue, 1-4 turn). Figure generated with MOE (31).