

## Supplementary information, Fig. S11| Comparison of the mutations introduced in $\beta_1 AR_6$ mut construct with those in the $\beta_1 AR_{in}/\beta_2 AR_{out}$ chimera.

a, Side view of the  $\beta_1AR$ -carazolol structure. The 6 mutations introduced in the  $\beta_1AR_6$ mut are shown as green sticks and spheres. The other mutations introduced in the  $\beta_1AR_{in}/\beta_2AR_{out}$  chimera are shown as orange sticks. b, Top view of the  $\beta_1AR$ -carazolol structure.