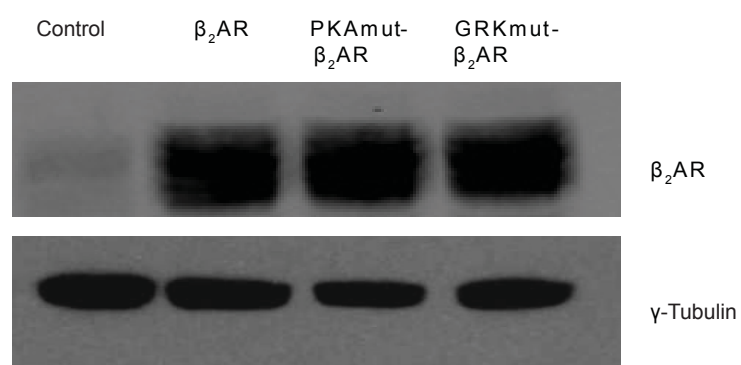


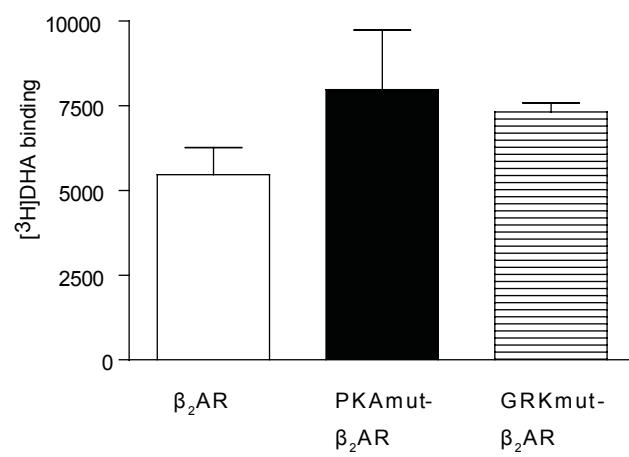
Figure S1 Expression of the wild-type and mutant β_2 ARs. A) Myocytes were infected with equivalent moi of flag-tagged wild type and mutant β_2 AR viruses. Receptors were western blotted with anti-flag antibody. The data represents at least three individual experiments. B) HEK293 cells were infected with equal amount of receptor viruses. After 24 h expression, membranes were prepared from cell lysate using hypotonic buffer, and the β_2 ARs were labeled with [3 H] dihydroalprenolol. Radioactivity was measured, normalized, and plotted (N =3).

Figure S2 Detection of PKA and GRK phosphorylation of mutant β_2 ARs. A) The flag-tagged wild type and mutant β_2 ARs were expressed in HEK293 cells. Receptors were stimulated with 10 μ M of Iso for 10 min and blotted for PKA site phosphorylation (pS261/262) and GRK site phosphorylation (p355/356) using phospho-specific antibodies. The data represents at least three individual experiments.

A



B



S2

