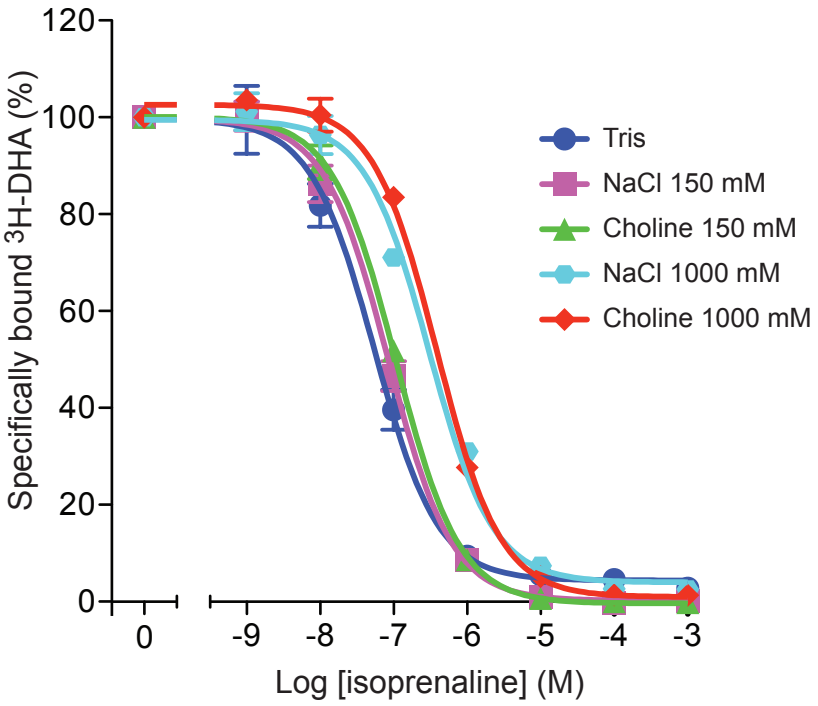

Fig. S4. Agonist binding to β_1AR was unaffected by the Na^+ ion concentration. Competition binding assays were performed on wild type β_1AR in insect cell membranes using ^{3}H-DHA and the agonist isoprenaline in different solution conditions (n = 4 of duplicate measurements). K_i values (mean ± SEM) were as follows: 0 mM (blue circles), K_i = 16.1 ± 3.7 nM; 150 mM NaCl (purple squares), K_i = 24.8 ±6.1 nM; 150 mM choline chloride (green triangles), K_i = 30.6 ± 2.9 nM; 1 M NaCl (cyan hexagons), K_i = 89.1 ± 8.0 nM; 1 M choline chloride (red diamonds), K_i = 111 ± 7.0 nM.
The data are plotted as histograms in Figure 3.