

Supplementary Table S2

Comparison of Vmax values for hMC2r/xtMclr Chimeric Receptors

<u>Receptor</u>	Vmax*	Percent Change
	Luciferase Units	in Vmax Value
	<u>mean+S.E.M; n=3)</u>	<u>Relative to hMC2R</u>
hMC2R	128380+2439	-
hMC2R/NT xtMclr	199367+8215	+55%
hMC2R/EC1 xtMclr	102990+1170	-20%
hMC2R/EC2 xtMclr	94956+11086 ¹	-35%
hMC2R/EC3 xtMclr	137840+2240	+ 7%

*Vmax was calculated using the Kaleidograph figure plotting software.

¹extrapolated from Figure 2B using Kadeidograph software.