Table S10: *Binding affinities and EC$_{50}$ values of diverse melanocortin ligands.* Data were extracted from previous studies and combined with data (*) measured in this study.

ligand	α-MSH [nM]	β-MSH [nM]	NDP-α-MSH [nM]	Setmelanotide [nM]	LY2112688 [nM]
K$_i$ or K$_D$	51[3]	20[16]	1[3]/1*	2.1[17]/1*	4[18]
EC$_{50}$ (cAMP)	18*	33[19]	1*	1*	14[20]
EC$_{50}$ (NFAT)	489[19]; 174[20]	107[19]	6*	6*	330[20]