



S1 Figure. [³H](+)-Pentazocine and [³H]DTGT binding on membranes from HEK293 cells transiently transfected with the mouse Sigmar1 variants.

[³H](+)-Pentazocine and [³H]DTGT binding were performed for sigma₁ and sigma₂ binding, respectively, as described in Materials and Methods. Briefly, membranes were isolated from HEK293 cells transiently transfected indicated Sigmar1 variant constructs or pcDNA3 vector, and used in [³H](+)-Pentazocine (~1 nM) and [³H]DTGT binding (~1 nM) in the absence or presence of 1 μM haloperidol to define specific binding. In [³H]DTGT binding, 1 μM nonradioisotope-labeled (+)-Pentazocine was also included to block sigma₁ binding. The results were from two independent samples in one experiment.