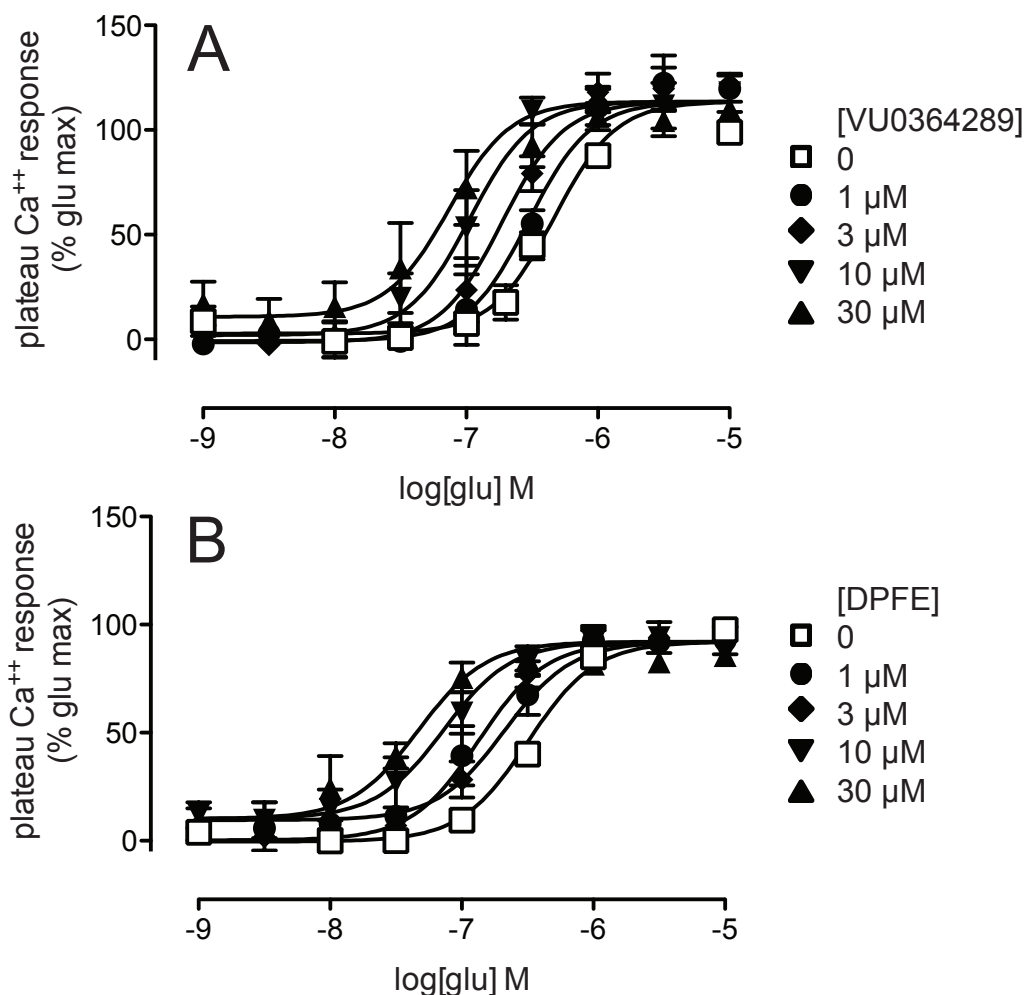


Title: *N*-aryl piperazine metabotropic glutamate receptor 5 positive allosteric modulators possess efficacy in pre-clinical models of NMDA hypofunction and cognitive enhancement

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Supplementary Figure 2 Potentiation of glu mediated plateau response for mobilization of intracellular Ca^{++} stores by *N*-aryl piperazine PAMs

Changes in intracellular Ca^{++} mobilization following exposure to modulators in the absence and presence of glu were investigated in HEK293A cells stably expressing rat mGlu₅ using a Fluo-4 fluorescence-based Ca^{++} assay. A) Leftward shifts in the glu concentration-response curve 2 min post addition caused by addition of indicated concentrations of VU0364289 or DPFE.

Data represent the mean \pm s.e.m. of 4-6 independent experiments performed in duplicate. Error bars not shown lie within the dimensions of the symbol.