Title: "Investigating mGlu5 allosteric modulator cooperativity, affinity and agonism: enriching structure-function studies and structure-activity relationships"

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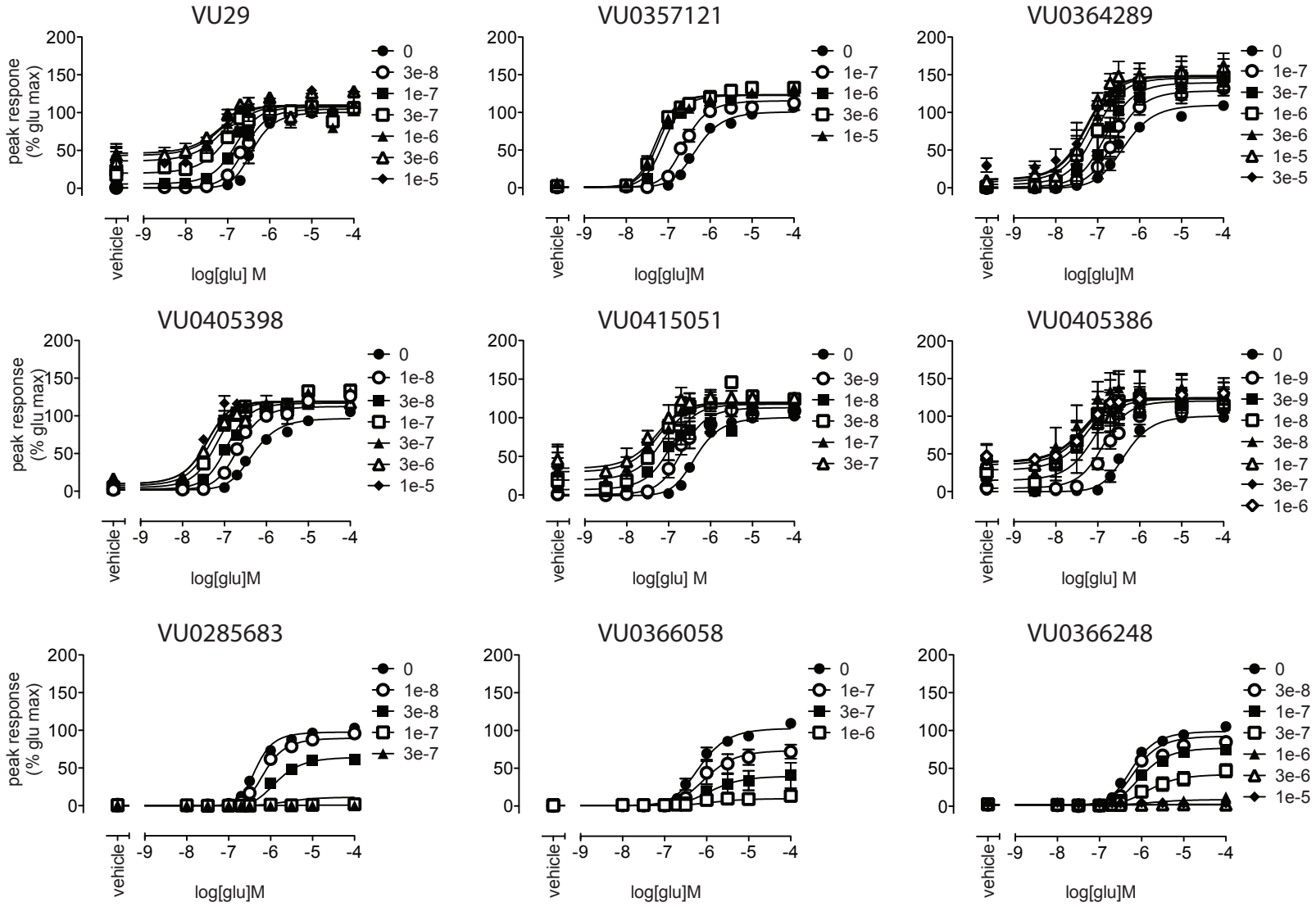
Supplementary data Figure 2: Allosteric modulation of glutamate concentration-response curves for Ca2+ mobilization in the high-expressing HEK293-rat mGlu5 cell line.



In the high-espressing HEK293-mGlu5-wt cell line, PAMs: VU29, VU0357121, VU0364289, VU0405398, VU0415051 and VU0405386, induce a leftward shift in the glutamate concentration-response curve for intracellular Ca2+ mobilization and increase the maximal agonist response. NAMs: VU0285683, VU0366058 and VU0366248, inhibit glutamate-stimulated intracellular Ca2+ mobilization. Data represent the mean ± s.e.m. from a minimum of three independent determinations. Error bars not shown lie within the dimensions of the symbol.