

Supplementary Information for

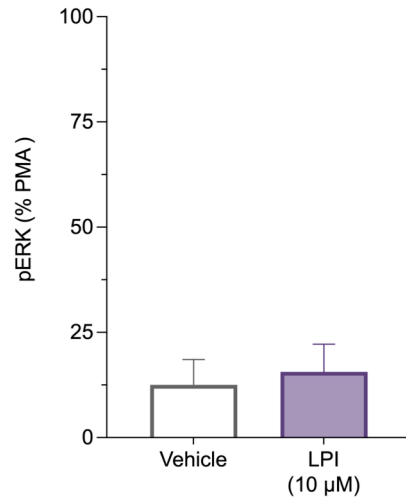
Olivetolic acid, a cannabinoid precursor in *Cannabis sativa*, but not CBGA methyl ester exhibits a modest anticonvulsant effect in a mouse model of Dravet syndrome

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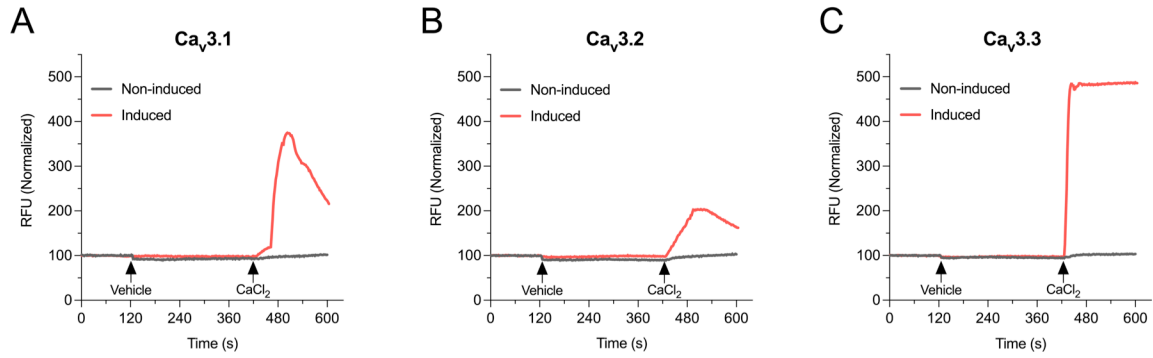
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This PDF file includes:

Supplemental Figures 1 and 2



Supplemental Figure 1. GPR55 negative control experiments. Control HEK293 cells were used to measure ERK phosphorylation (pERK) following treatment with vehicle or 10 μM lysophosphatidylinositol (LPI). Data are expressed as mean ± SEM normalized to 100 nM phorbol 12-myristate 13-acetate (PMA), with n = 5 per group.



Supplemental Figure 2. Representative traces of changes in intracellular calcium. Representative traces recorded from Flp-In™ T-REx™ HEK stably expressing either (A) Ca_v3.1, (B) Ca_v3.2 or (C) Ca_v3.3 were incubated overnight with (induced, red lines) or without (non-induced, gray lines) 2 μg/mL tetracycline. Vehicle was added at 120 s followed by the addition of 10 mM CaCl₂ at 420 s. Data are expressed in relative fluorescence units (RFU) normalized as a percentage to the fluorescence pre-vehicle.