

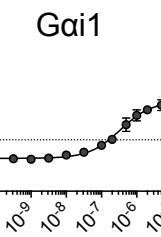
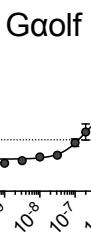
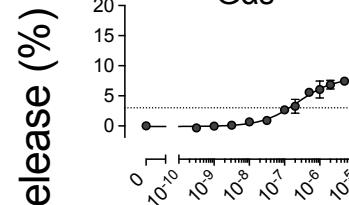
GPCR gene symbol: *LPAR4*

GPCR name: LPA4

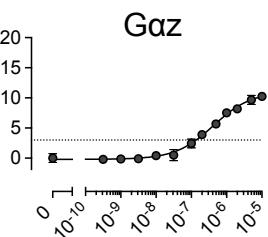
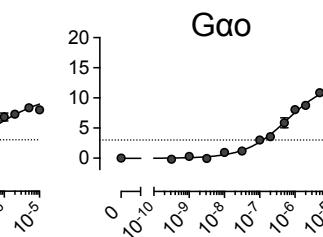
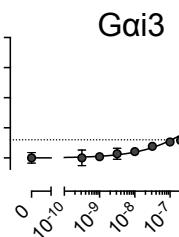
Tested ligand: Lysophosphatidic acid (+10  $\mu$ M Ki16425)

### C-terminal chimera co-expression

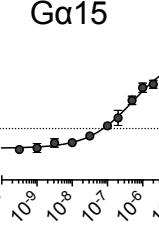
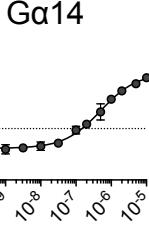
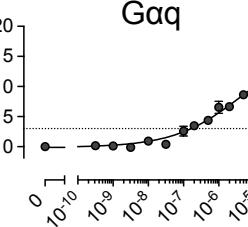
#### Gas family



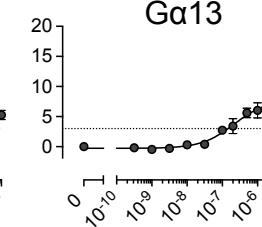
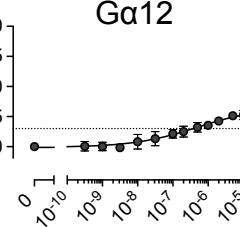
#### G $\alpha$ i family



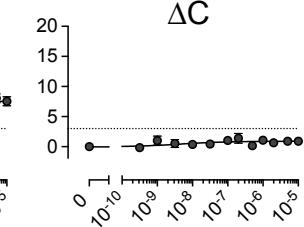
#### G $\alpha$ q family



#### G $\alpha$ 12 family



#### Negative control



Ligand (M)

Emax (%AP-TGF $\alpha$  release)

● <3% ● 3-5% ● 5-10% ● >10%

