

GPCR gene symbol: *P2RY1*

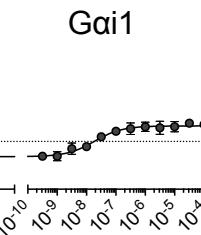
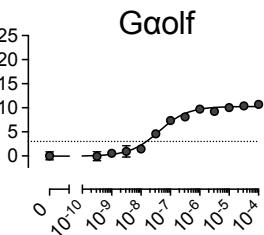
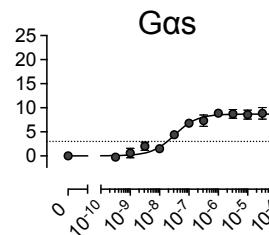
GPCR name: P2Y1

Tested ligand: ADP

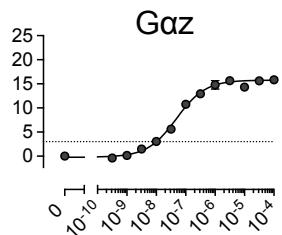
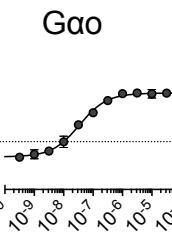
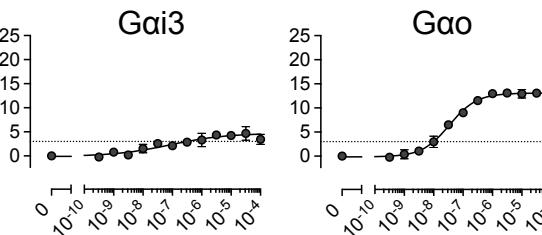
C-terminal chimera co-expression

Gas family

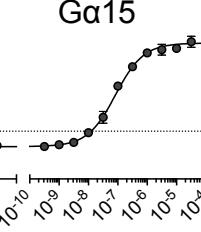
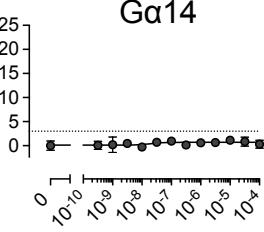
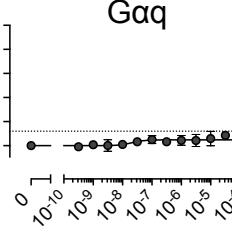
AP-TGF α release (%)



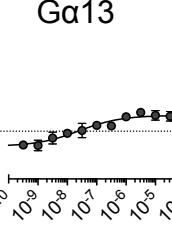
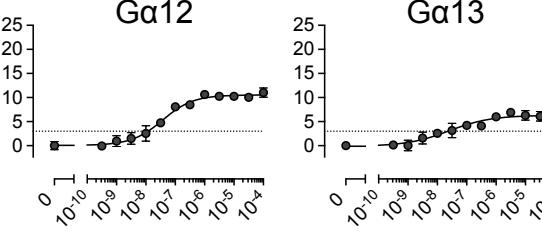
Gai family



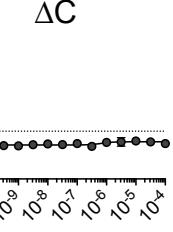
Gaq family



Gα12 family



Negative control



Ligand (M)

Emax (%AP-TGF α release)

• <3%

• 3-5%

● 5-10%

● >10%

Log RAI

C-term

Gas

Gaolf

Gai1

Gai3

Gao

Gaz

Gaq

Ga14

Ga15

Ga12

Ga13

Gas family

Gai family

Gaq family

Gα12 family