

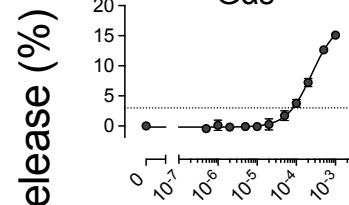
GPCR gene symbol: OXGR1

GPCR name: OXGR1

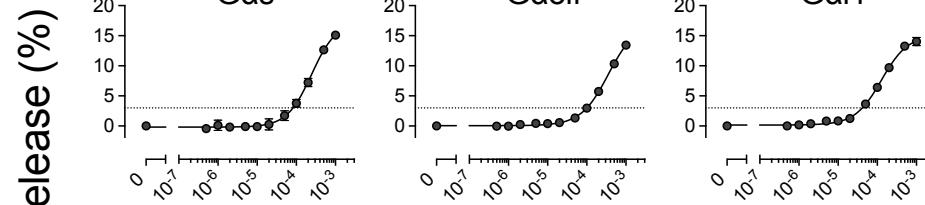
Tested ligand: 2-oxo-glutaric acid

C-terminal chimera co-expression

Gas family

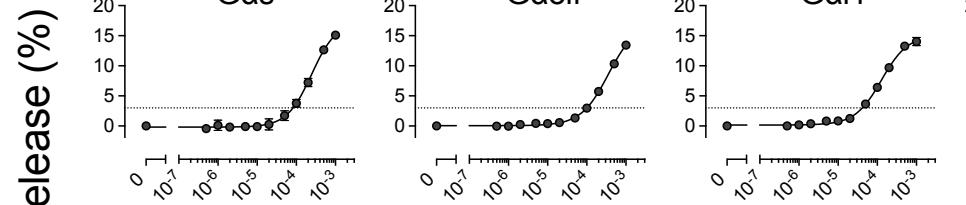


Gas



Gaolf

Gai1



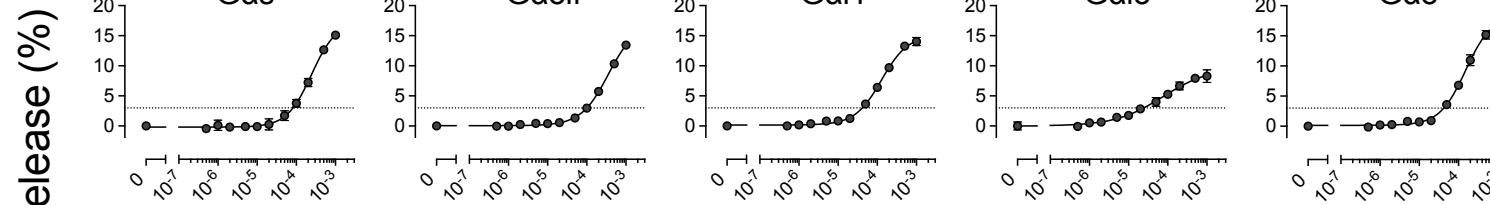
Gai family

Gai1

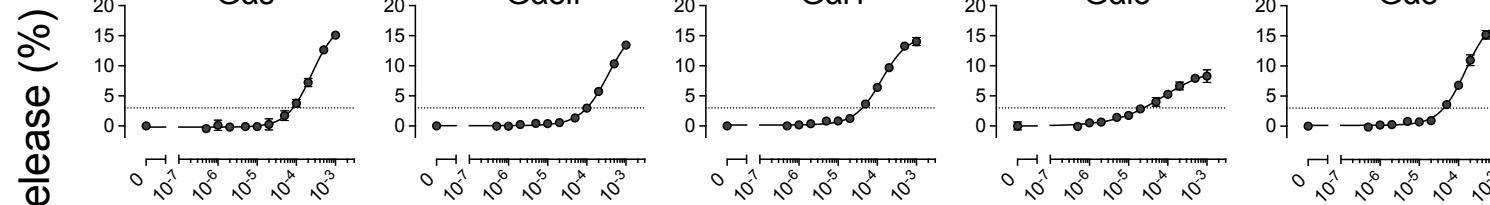
Gai3

Gao

Gaz

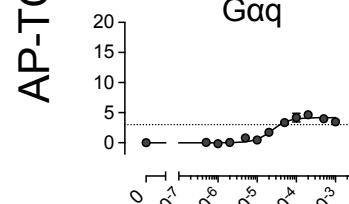


Gao

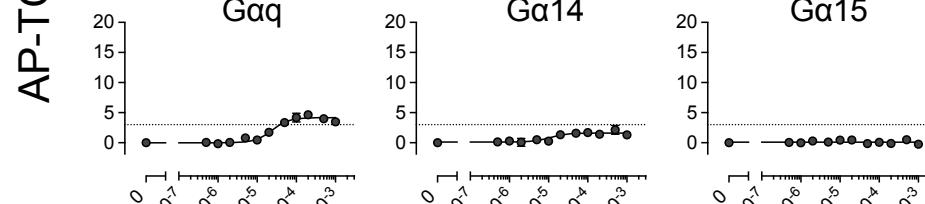


Gaz

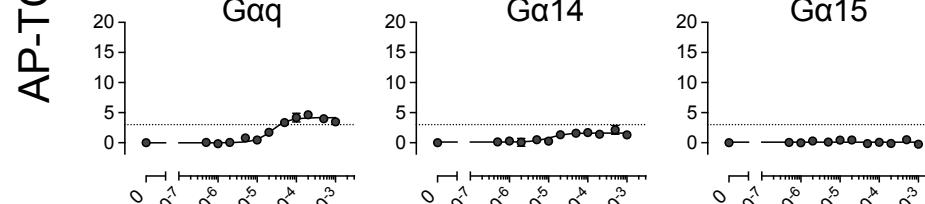
Gaq family



Gaq

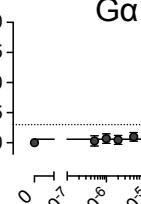


Ga14

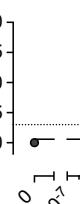


Ga15

Ga12 family



Ga12



Ga13

Negative control



Ligand (M)

Emax (%AP-TGF α release)

● <3%

● 3-5%

● 5-10%

● >10%

Log Rai

C-term

Gas family

Gai family

Gaq family

Ga12 family