

GPCR gene symbol: *CHRM4*

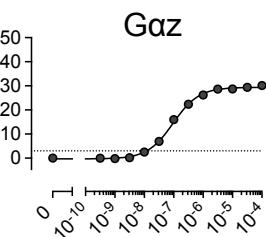
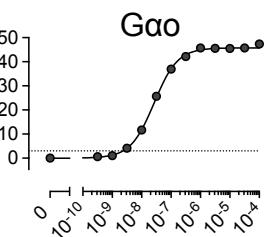
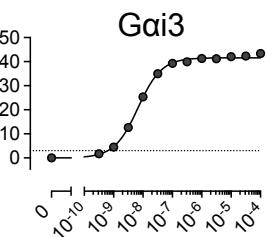
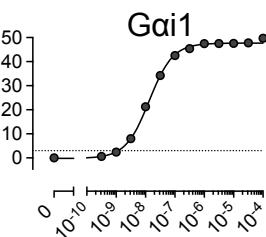
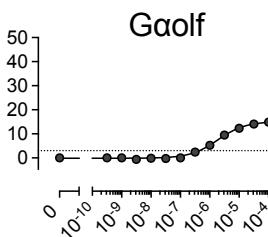
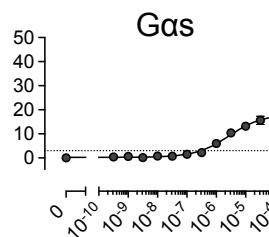
GPCR name: M4

Tested ligand: Acetylcholine

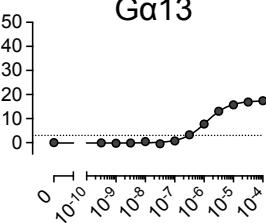
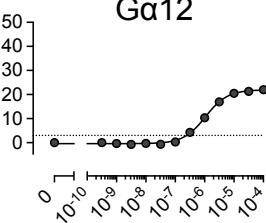
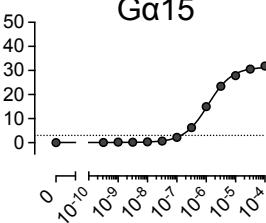
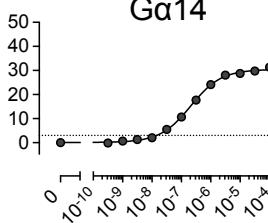
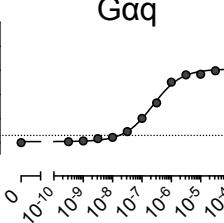
### C-terminal chimera co-expression

#### Gas family

AP-TGF $\alpha$  release (%)



#### Gaq family



#### Negative control



Ligand (M)

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

● <3% ● 3-5% ● 5-10% ● >10%

Log Rai

C-term

#### Gas family



#### Gai family

#### Gaq family

#### Gα12 family