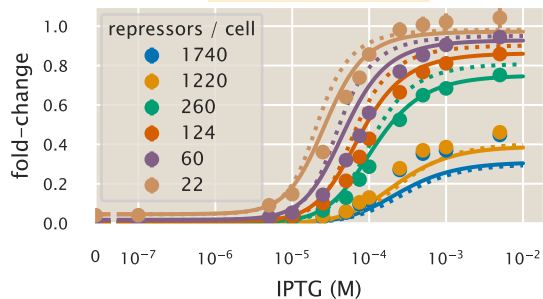
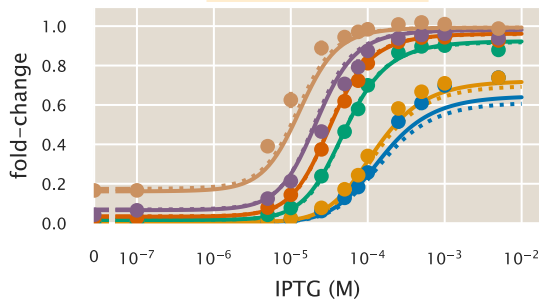


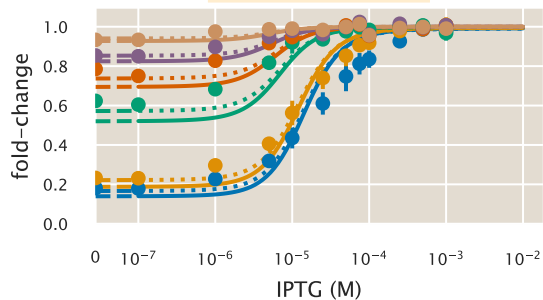
(A)

O1 $\Delta\epsilon_{RA}^{new} = -16.0 k_B T$ 

(B)

O2 $\Delta\epsilon_{RA}^{new} = -14.5 k_B T$ 

(C)

O3 $\Delta\epsilon_{RA}^{new} = -10.1 k_B T$ 

(D)

Oid $\Delta\epsilon_{RA}^{new} = -17.6 k_B T$ 