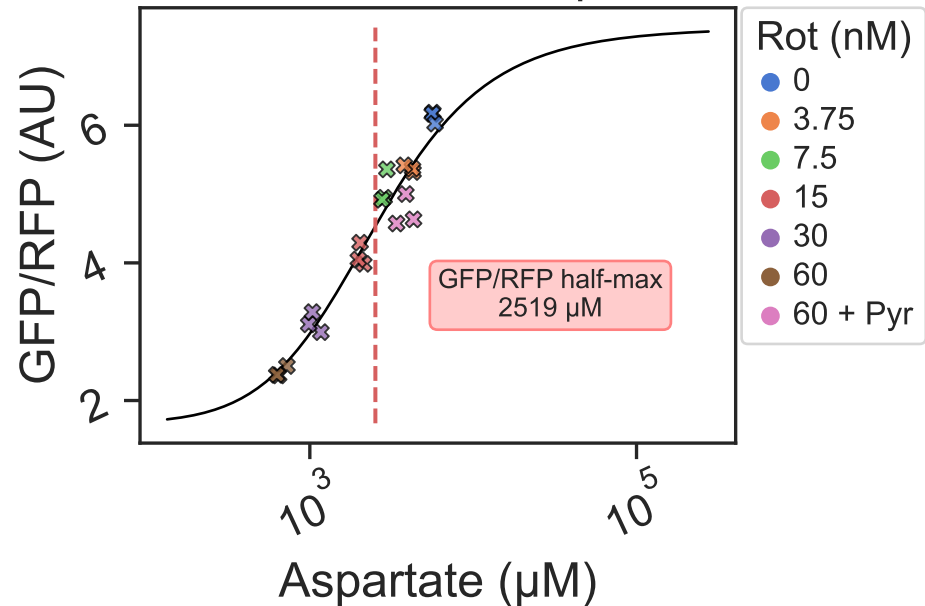
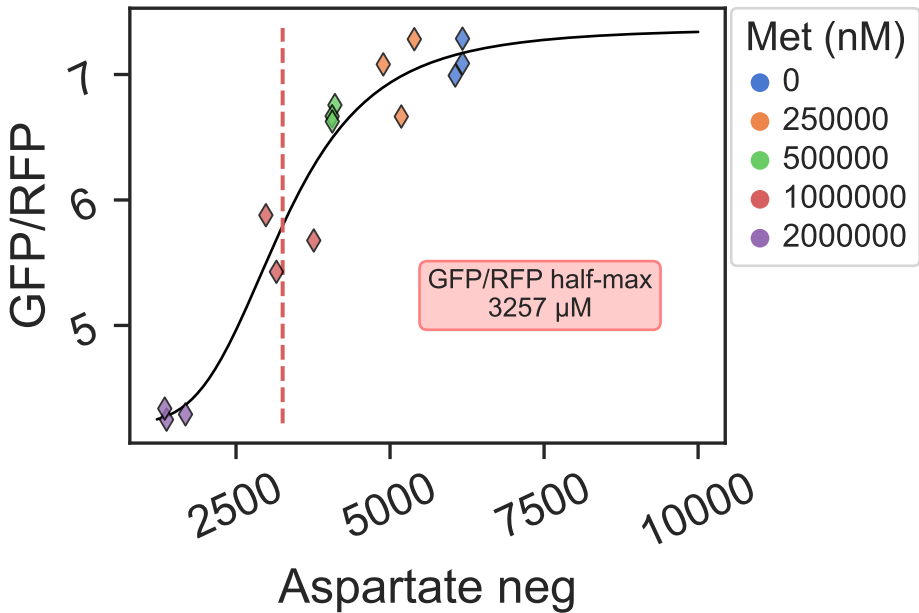
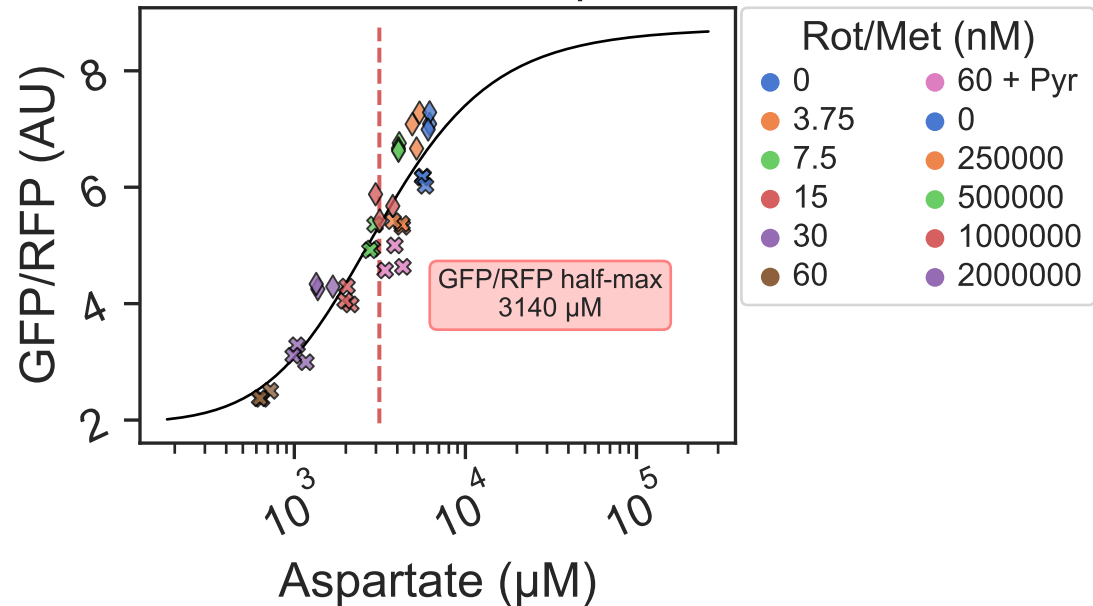


H1299 Nuc-RFP Asp-sens

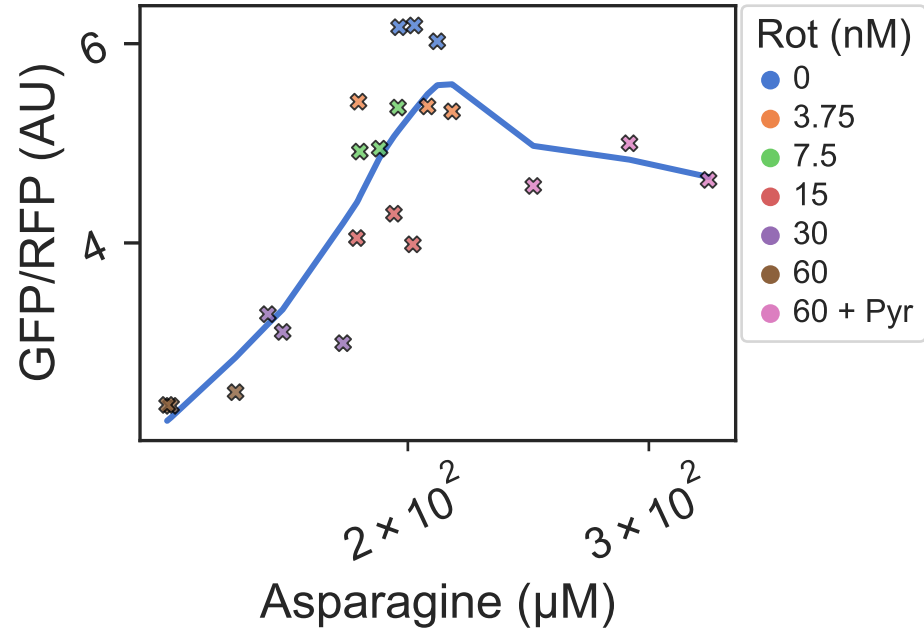




H1299 Nuc-RFP Asp-sens



H1299 Nuc-RFP Asp-sens



GFP/RFP

7

6

5

200

250

Asparagine pos

Met (nM)

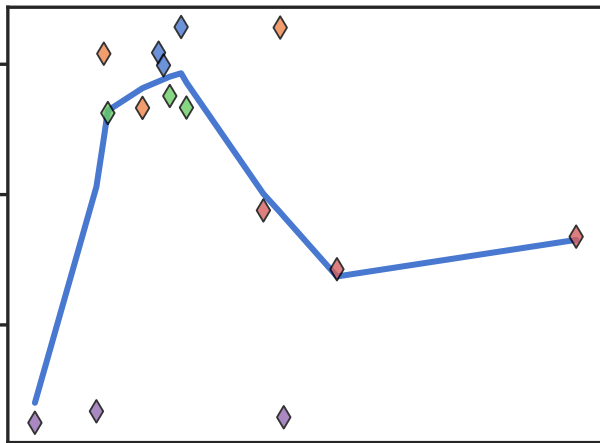
0

250000

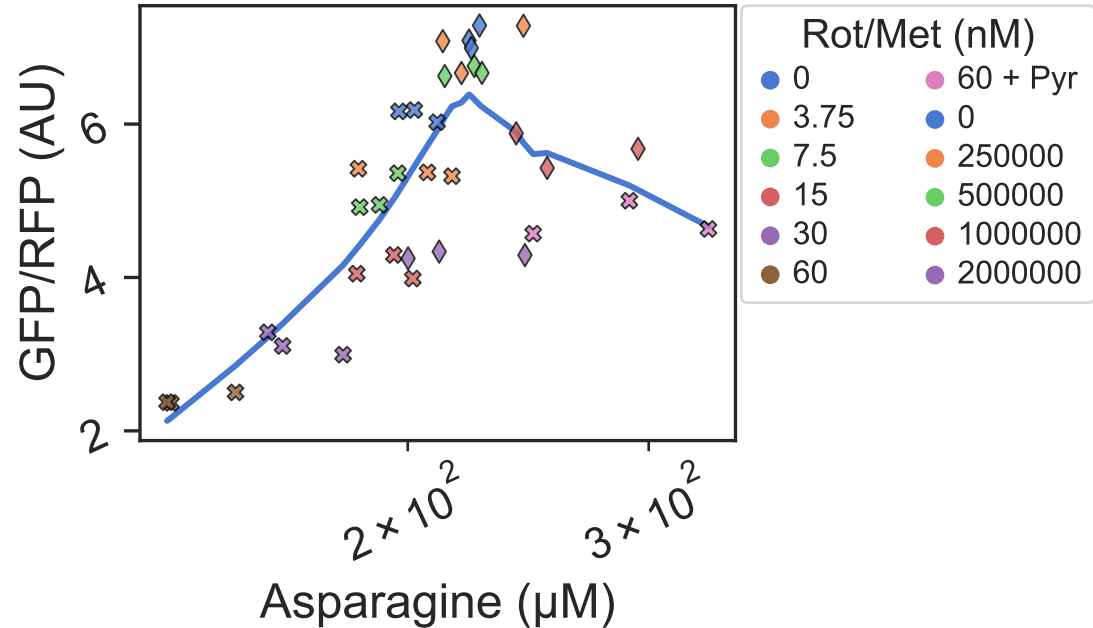
500000

1000000

2000000



H1299 Nuc-RFP Asp-sens



H1299 Nuc-RFP Asp-sens

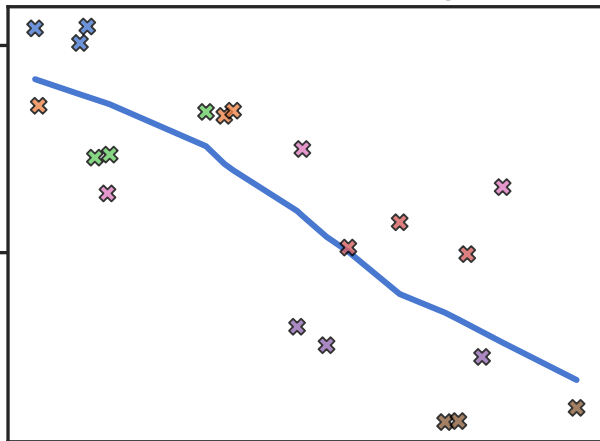
GFP/RFP (AU)

Rot (nM)

- 0
- 3.75
- 7.5
- 15
- 30
- 60
- 60 + Pyr

Glutamate (μM)

1.5×10^4 1.6×10^4 1.7×10^4 1.8×10^4 1.9×10^4 2×10^4 2.1×10^4



GFP/RFP

Met (nM)

- 0
- 250000
- 500000
- 1000000
- 2000000

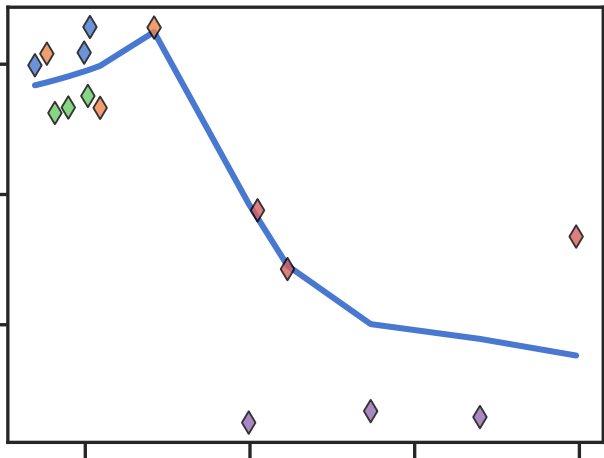
17500

20000

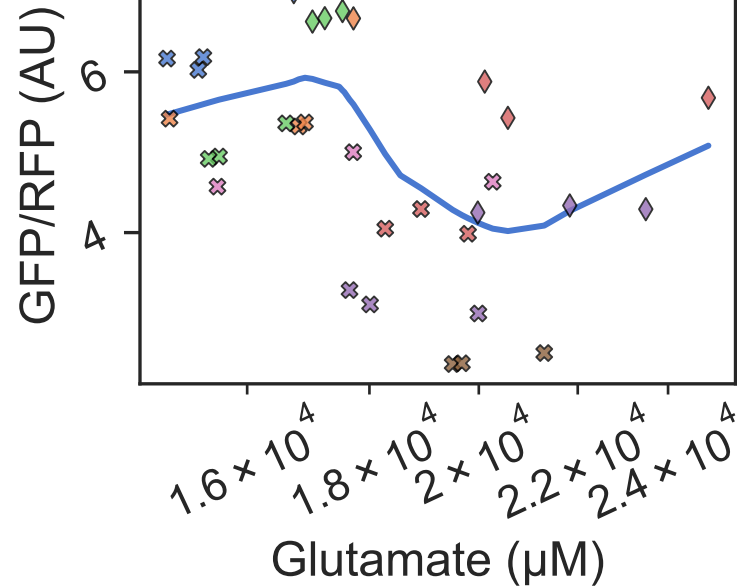
22500

25000

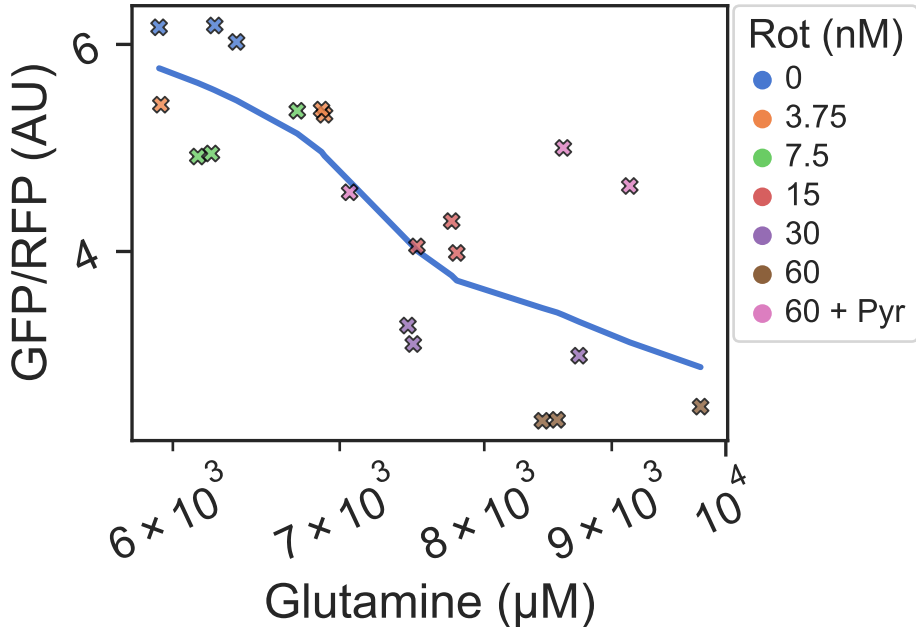
Glutamate neg

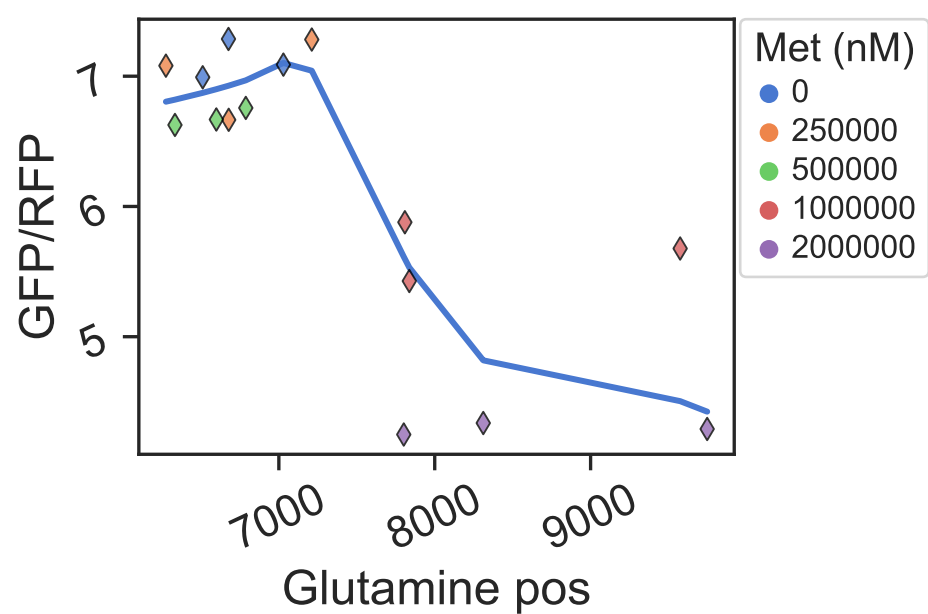


H1299 Nuc-RFP Asp-sens

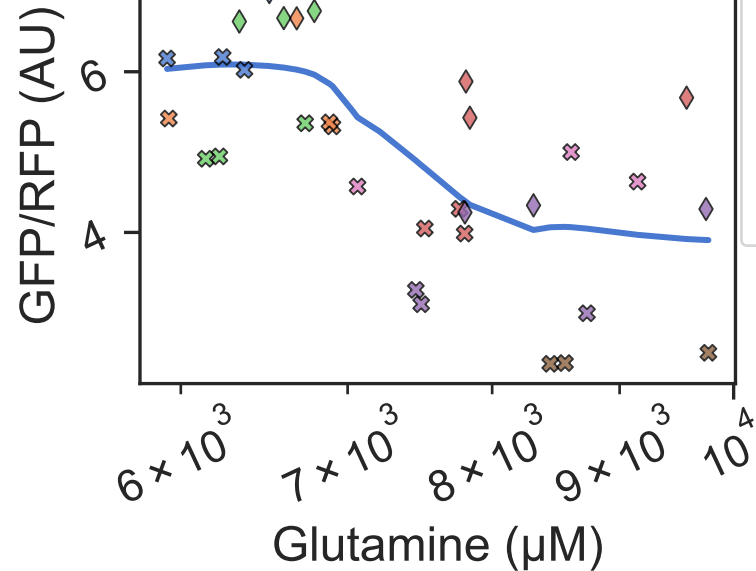


H1299 Nuc-RFP Asp-sens

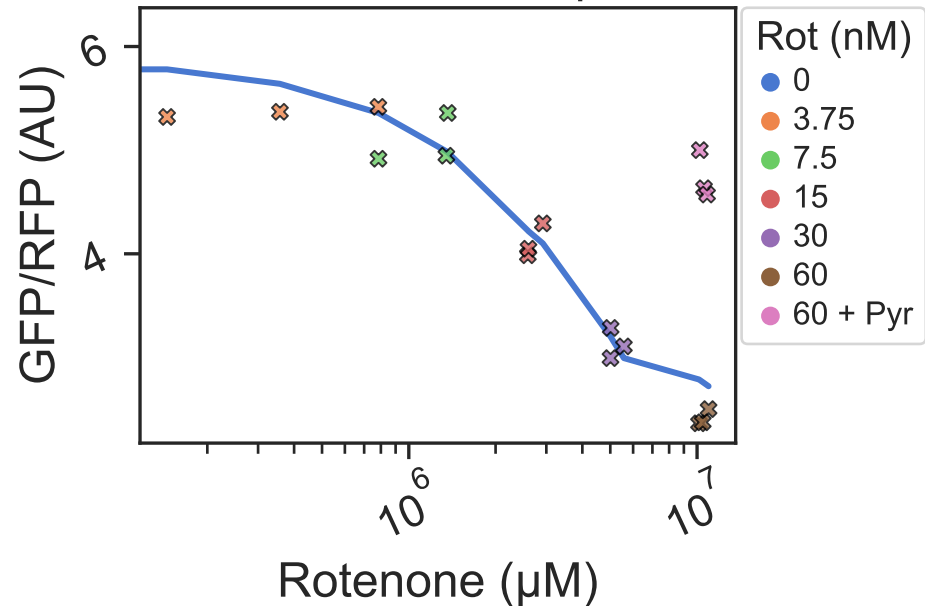


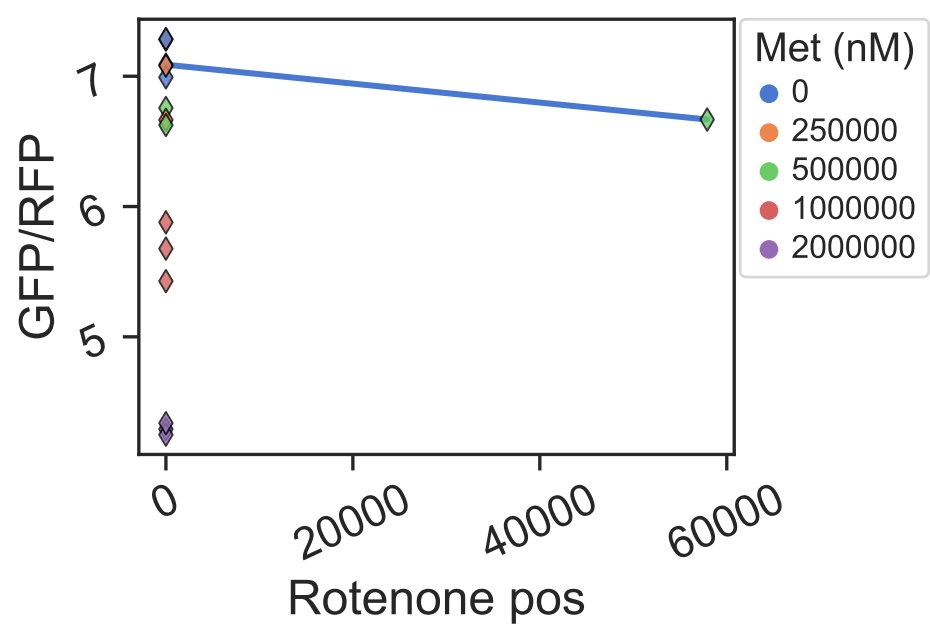


H1299 Nuc-RFP Asp-sens

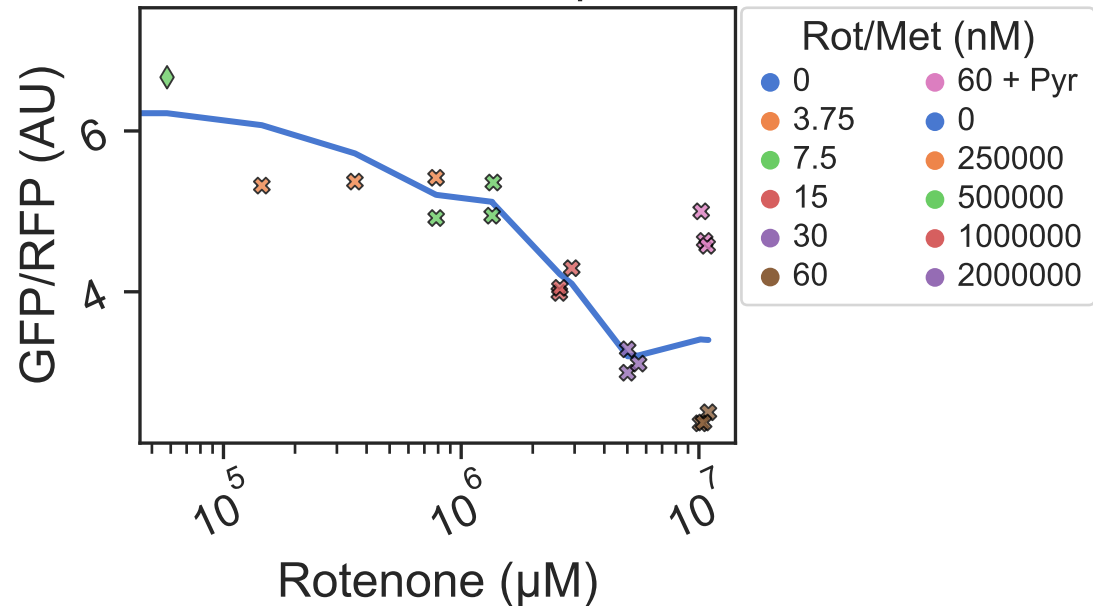


H1299 Nuc-RFP Asp-sens

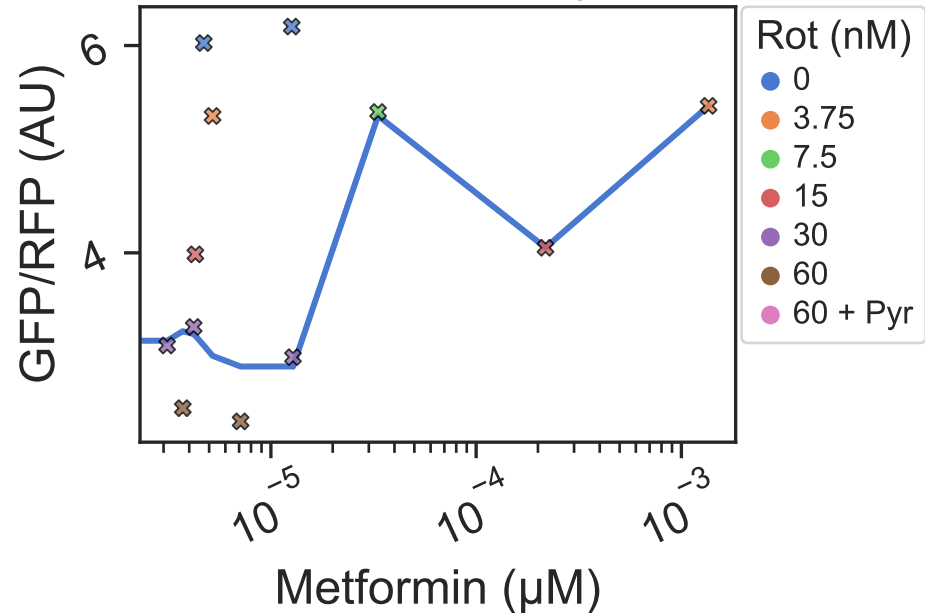




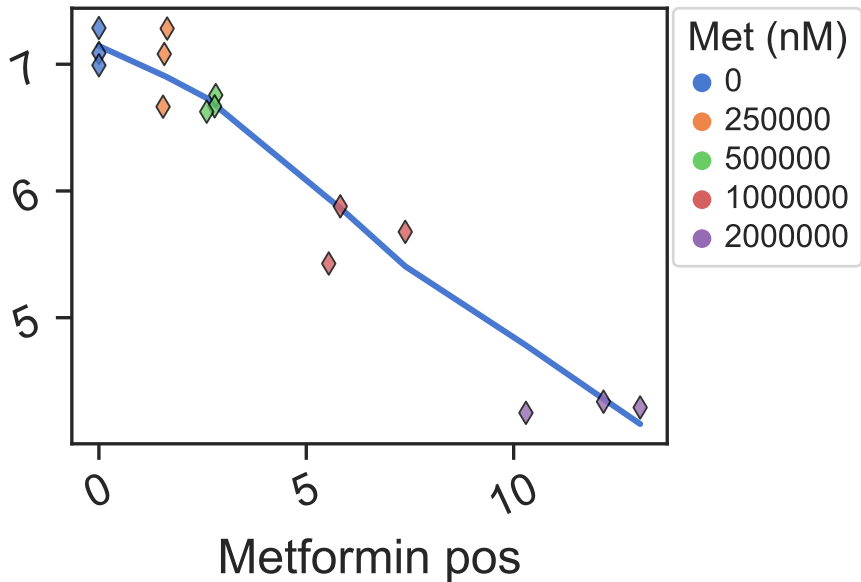
H1299 Nuc-RFP Asp-sens



H1299 Nuc-RFP Asp-sens



GFP/RFP



H1299 Nuc-RFP Asp-sens

