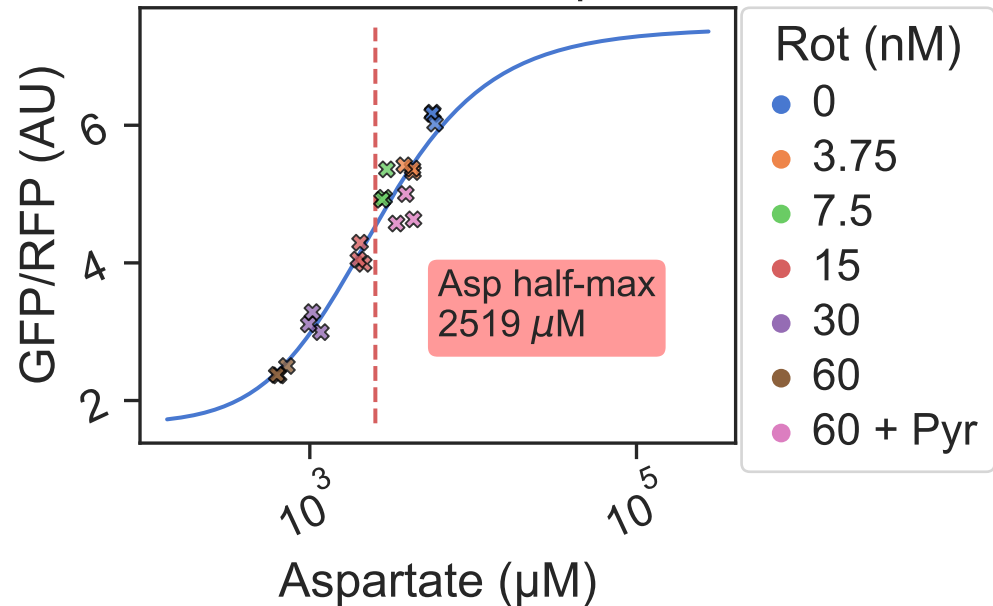


# H1299 Nuc-RFP Asp-sens



GFP/RFP

7  
6  
5

2500

5000

7500

10000

Aspartate neg

Asp half-max  
3257  $\mu$ M

Met (nM)

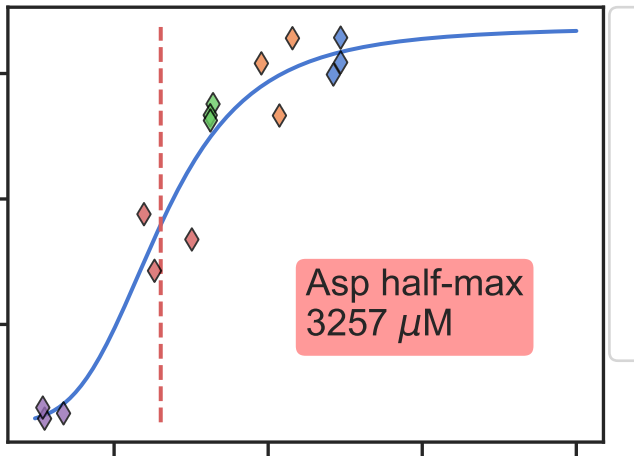
● 0

● 250000

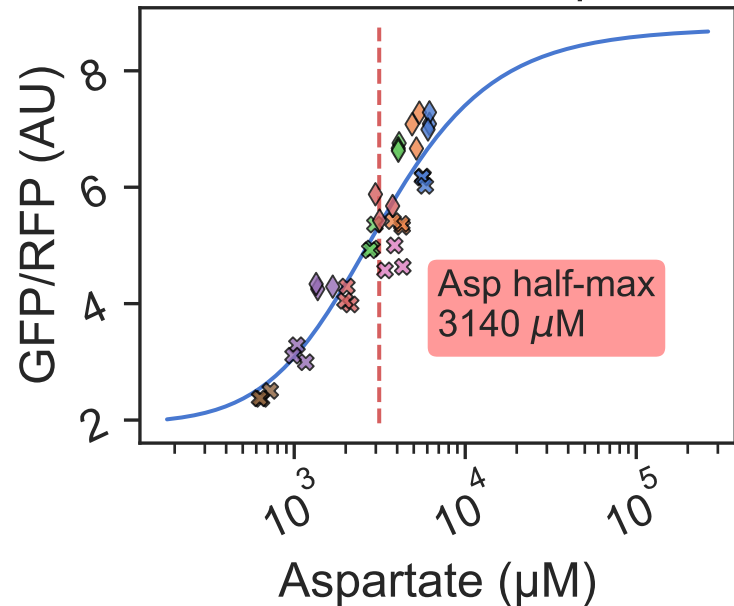
● 500000

● 1000000

● 2000000



# H1299 Nuc-RFP Asp-sens

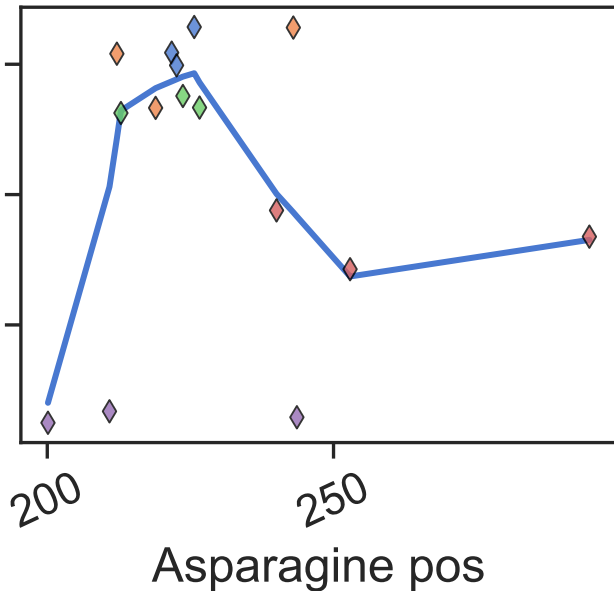


## Rot/Met (nM)

- |      |          |
|------|----------|
| 0    | 60 + Pyr |
| 3.75 | 0        |
| 7.5  | 250000   |
| 15   | 500000   |
| 30   | 1000000  |
| 60   | 2000000  |



GFP/RFP

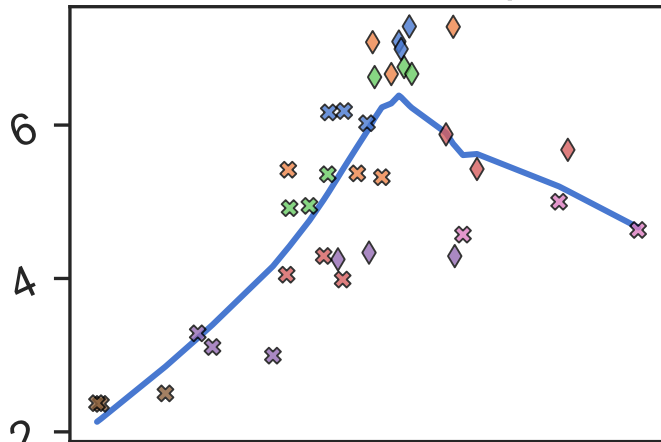


Met (nM)

- 0
- 250000
- 500000
- 1000000
- 2000000

# H1299 Nuc-RFP Asp-sens

GFP/RFP (AU)

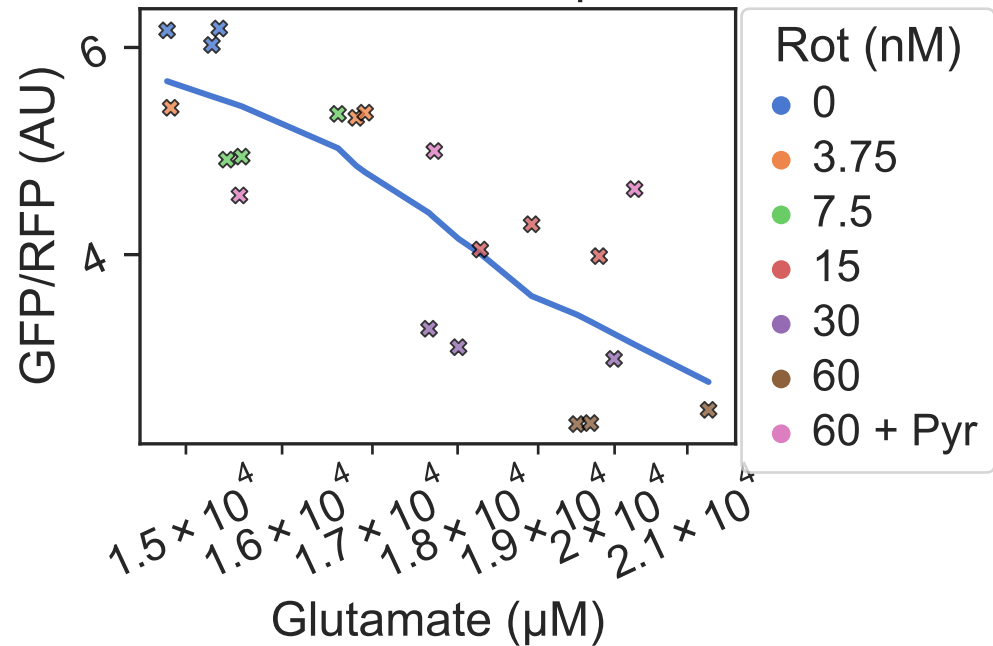


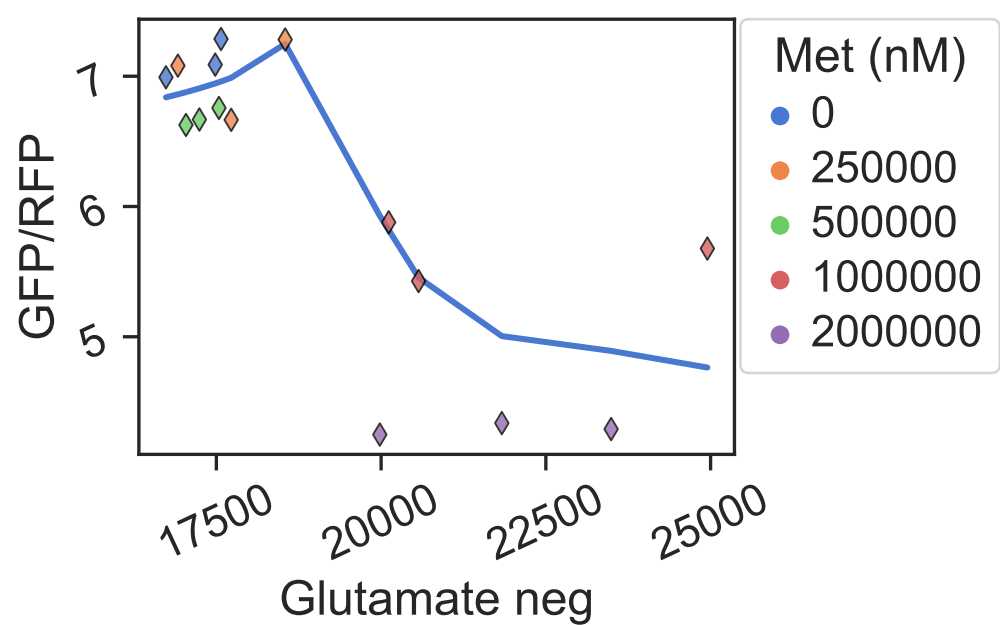
Asparagine (μM)

Rot/Met (nM)

- |        |            |
|--------|------------|
| ● 0    | ● 60 + Pyr |
| ● 3.75 | ● 0        |
| ● 7.5  | ● 250000   |
| ● 15   | ● 500000   |
| ● 30   | ● 1000000  |
| ● 60   | ● 2000000  |

# H1299 Nuc-RFP Asp-sens

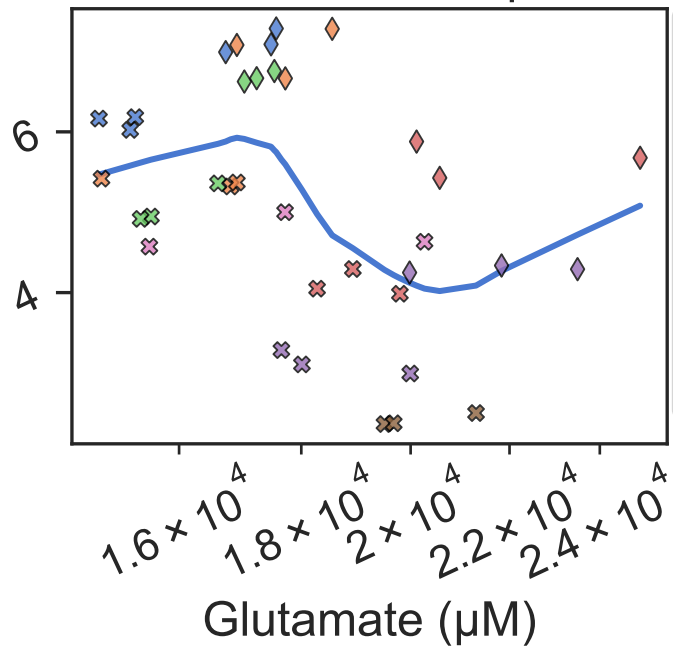






# H1299 Nuc-RFP Asp-sens

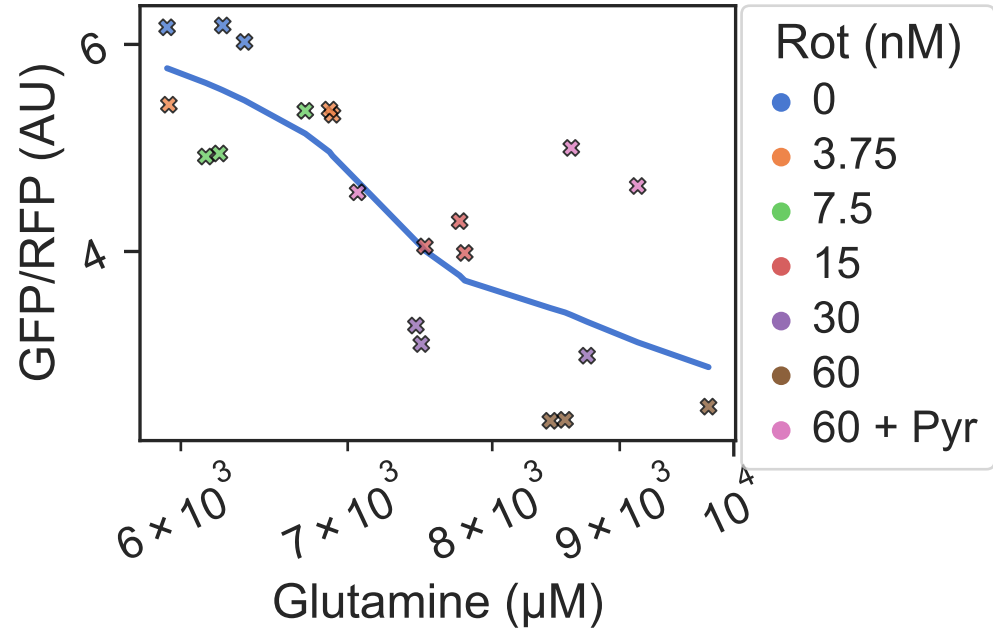
GFP/RFP (AU)



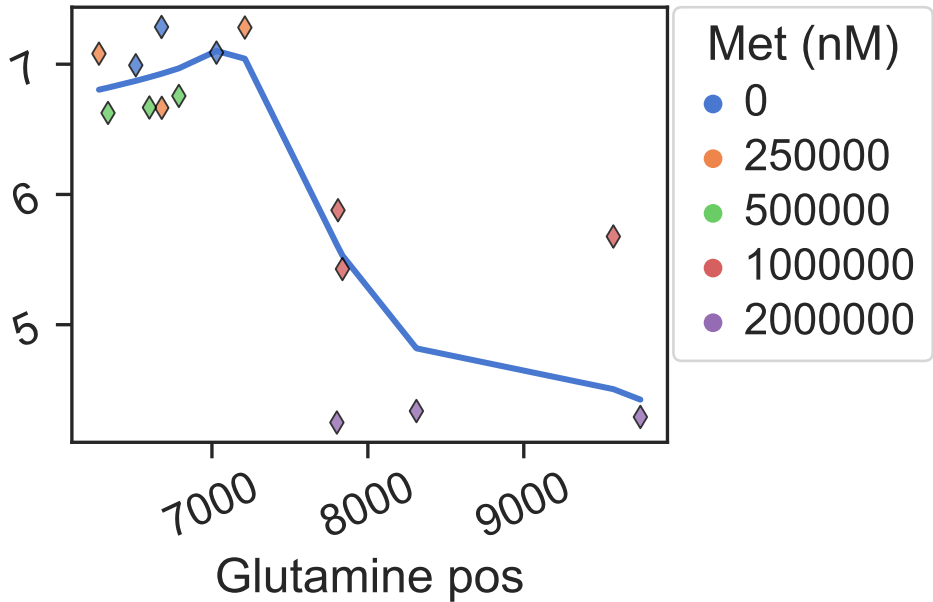
Rot/Met (nM)

- |        |            |
|--------|------------|
| ● 0    | ● 60 + Pyr |
| ● 3.75 | ● 0        |
| ● 7.5  | ● 250000   |
| ● 15   | ● 500000   |
| ● 30   | ● 1000000  |
| ● 60   | ● 2000000  |

# H1299 Nuc-RFP Asp-sens

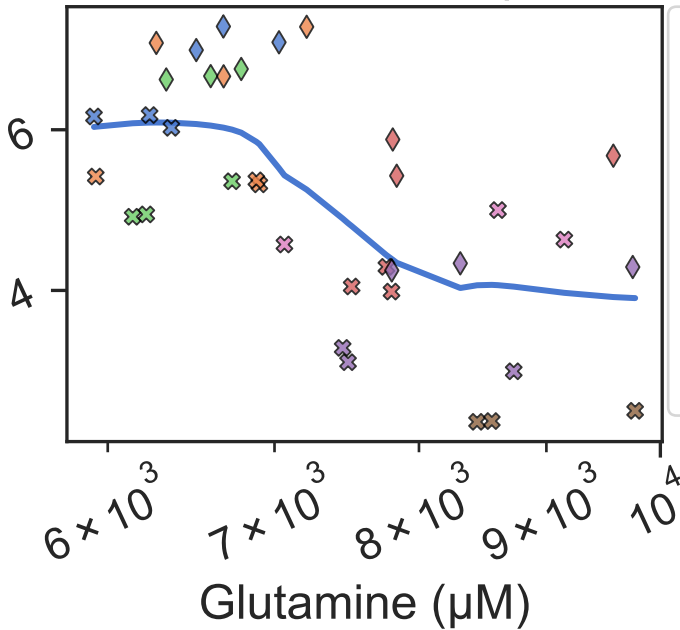


GFP/RFP



# H1299 Nuc-RFP Asp-sens

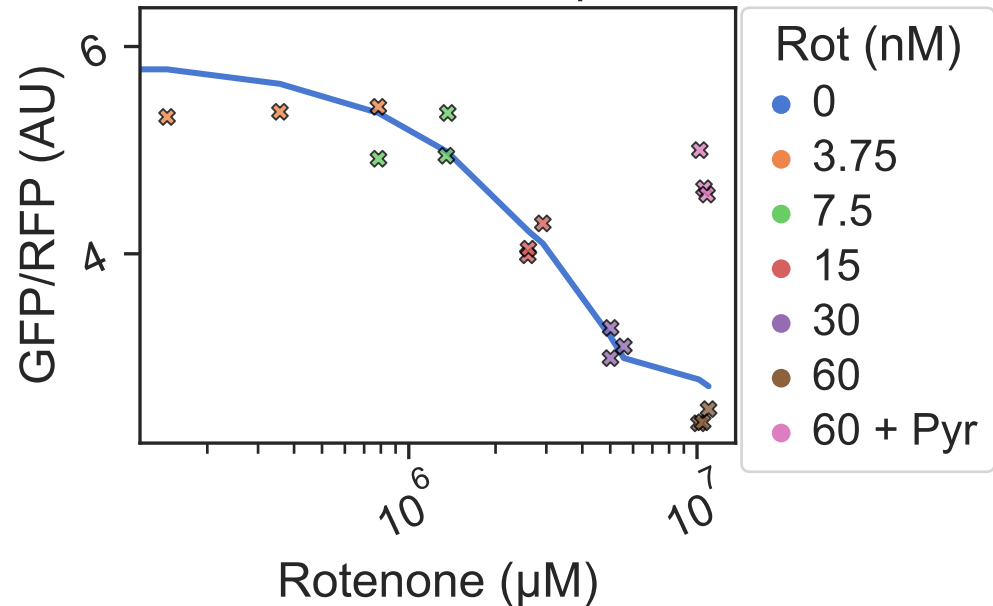
GFP/RFP (AU)

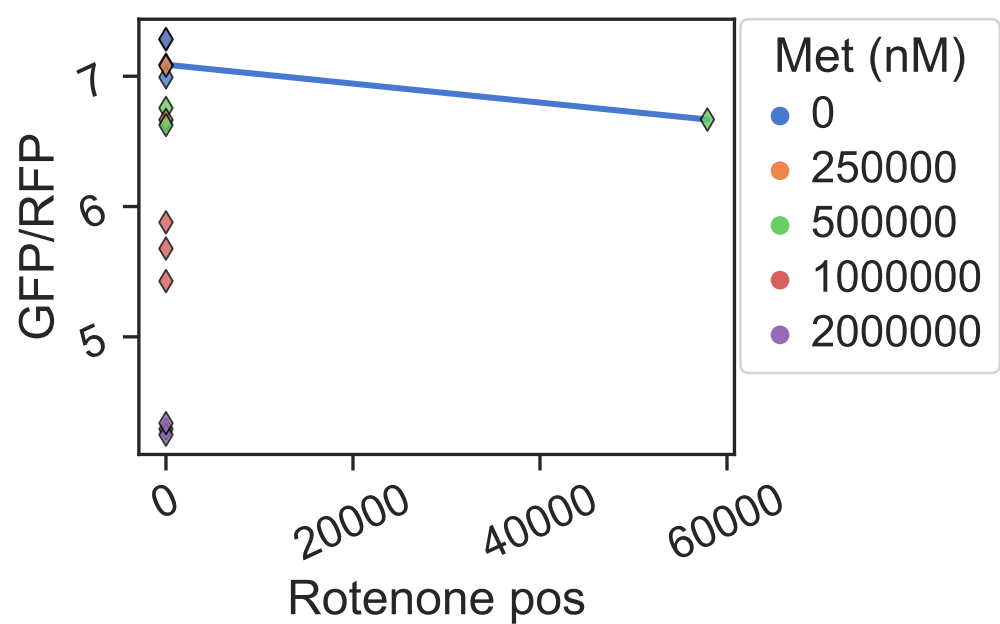


Rot/Met (nM)

- |        |            |
|--------|------------|
| ● 0    | ● 60 + Pyr |
| ● 3.75 | ● 0        |
| ● 7.5  | ● 250000   |
| ● 15   | ● 500000   |
| ● 30   | ● 1000000  |
| ● 60   | ● 2000000  |

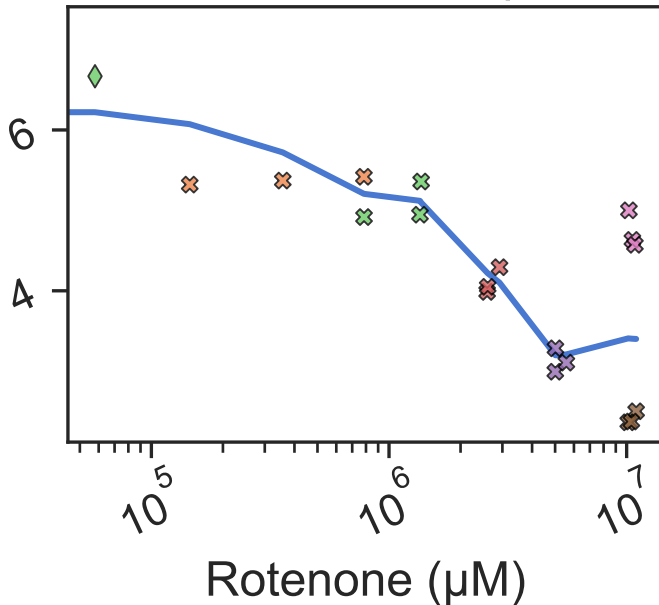
# H1299 Nuc-RFP Asp-sens





# H1299 Nuc-RFP Asp-sens

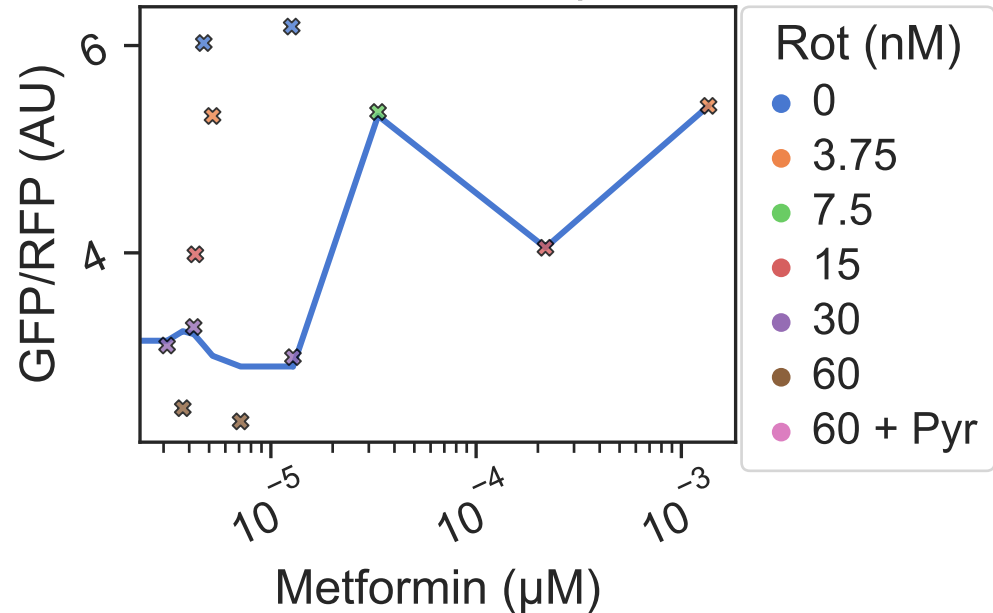
GFP/RFP (AU)



Rot/Met (nM)

- |        |            |
|--------|------------|
| ● 0    | ● 60 + Pyr |
| ● 3.75 | ● 0        |
| ● 7.5  | ● 250000   |
| ● 15   | ● 500000   |
| ● 30   | ● 1000000  |
| ● 60   | ● 2000000  |

# H1299 Nuc-RFP Asp-sens





GFP/RFP

