

A

Replicate 1

Replicate 2

Observed functional score

Delta

Omicron_BA1

Omicron_BA2

2

0

-2

-4

-6

-4

-2

0

2

predicted latent phenotype (ϕ)

-6

-4

-2

0

predicted latent phenotype (ϕ)**B** $r = 0.80$ $r = 0.86$ $r = 0.86$

Observed functional score

3

2

1

0

-1

-2

-3

-4

-4

-2

0

2

Predicted functional score

 $r = 0.81$ $r = 0.89$ $r = 0.88$

-4

-2

0

2

Predicted functional score