

**A**

replicate 1

replicate 2

observed  
functional score

Delta

Omicron\_BA1

Omicron\_BA2

2

0

-2

-4

predicted latent phenotype ( $\phi$ )predicted latent phenotype ( $\phi$ )**B**observed  
functional score $r = 0.80$  $r = 0.86$  $r = 0.86$  $r = 0.81$  $r = 0.89$  $r = 0.88$ 

3

2

1

0

-1

-2

-3

-4

predicted functional score

predicted functional score