Human Interactome (17218 proteins that are not exclusively located in nucleus, mitochondria or peroxisomes)

- PM rescued CFTR-F508del interactors (140 proteins)
- PM CFTR interactors (49 proteins)
- EPAC specific CFTR interactors (47 proteins)
- CFTR peptide interactors (20 proteins)
- CFTR phosphorylated peptide interactors (56 proteins)

Neighbor enrichment test

478 proteins with:
- More than 2 neighbors in at least 2 sets
- Are in the top 5% of most enriched neighbors in at least 2 sets

Build subnetwork containing CFTR+NHERF1+EZRIN+EPAC+SYK

Compute bridge score

Select candidates
A

CFTR-wt @ 37°C

B

VX809 + siLUC  VX809 + siLUC + HGF  VX809 + siGABARAP

C

Surface CFTR (%) after thermal shift

- vs. 30°C
- vs. wt @ 37°C