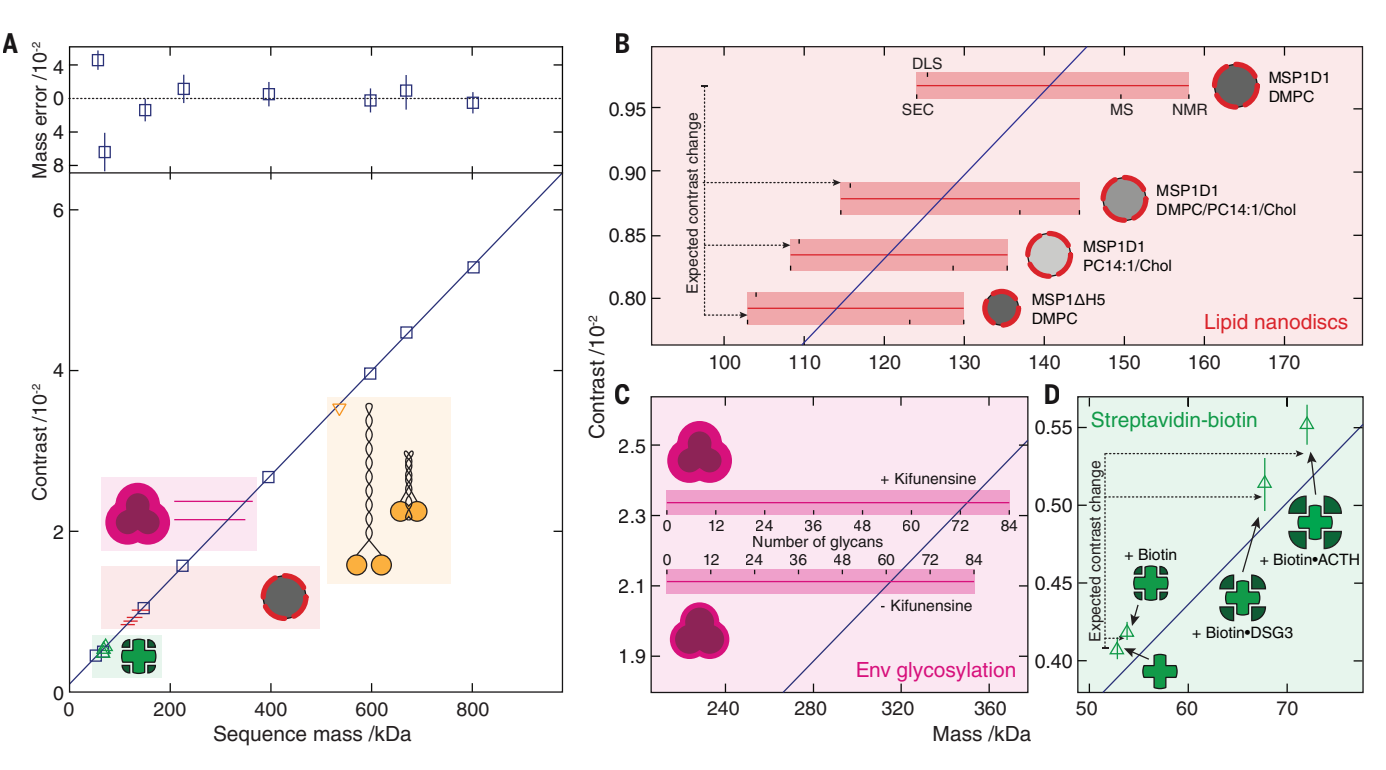

A
Mass error /10-2
Contrast /10-2
Sequence mass /kDa
B
DLS
SEC
MS
NMR
MSP1D1
DMPC
MSP1D1
DMPC/PC14:1/Chol
MSP1D1
PC14:1/Chol
MSP1ΔH5
DMPC
Expected contrast change
Lipid nanodiscs
Contrast /10-2
C
+ Kifunensine
- Kifunensine
Number of glycans
Env glycosylation
Mass /kDa
D
Streptavidin-biotin
Expected contrast change
+ Biotin
+ Biotin•ACTH
+ Biotin•DSG3