

Figure 4 -source data 1

cPLA2 α C2-domain binding affinity for phosphoglyceride and sphingomyelin (SM) vesicles

Figure 4B

Phosphoglyceride	Relative Response (R.U.)	SD
PC	68.78	7.14
PS/PE	11.6	2.18
PS	4.74	1.89
PA	7.05	2.18
PG	9.77	2.24
PI	8.99	2.07
PC/PS	61.54	5.54
PC/PE	63.48	4.37

Figure 4C

C2 domain conc. (μ M)	POPC Relative Response (R.U.)	18:1 SM Relative Response (R.U.)
0	0	0
0.1	10.72	1.5
0.2	26.35	3.61
0.4	44.29	7.85
0.6	59.12	12.42
1	69.78	19.01
2	79.89	42.34
4	82.69	64.95

Figure 4D

C2 domain	18:1 SM Relative Response (R.U.)	SD
WT	23.92	5.38
Y96F	16.04	3.72
Y96A	7.64	1.95
N65D	9.41	2.54