

Table S3

1. The details of respective sgRNAs for PLD1

sgRNA sequence	location	Plasmid	Resistance gene	Vectors
AGCGATCCCAAGATAACAAGA	Exon5	PCA02629-3	puromycin	LV-sgC as9-P2 A-puro
AATATACAGACGTATCTCTC	Exon5	PCA02630-3	puromycin	LV-sgC as9-P2 A-puro
CACGCGGGAAGTCCACTTTG	Exon2	PCA02631-3	puromycin	LV-sgC as9-P2 A-puro
GAGAGATACGTCTGTATATT	Exon4	PCA02632-3	puromycin	LV-sgC as9-P2 A-puro
TACTACTATTGAATTAACACA	Exon3	PCA02633-3	puromycin	LV-sgC as9-P2 A-puro
GCATCCCCATTCCCCTACTAGA	Exon2	PCA02634-3	puromycin	LV-sgC as9-P2 A-puro

2. Primers for respective plasmids

Primer	Sequence (5' to 3')	plasmid
PLD1 F1	TGAAAAACGAGCCACGGGTA	pca02629, pca02630, pca02631, pca02632
PLD1 R1	ACGCTCTGACCCTTGTTGTAG	
PLD1 F2	GGAGGAACAGCGTTTGTAGGA	pca02633, pca02634
PLD1 R2	TCCATTCAACTTGTATACTGGCA	

3. PLD1 primer sequence for PLD1 overexpression

PLD1 forward primer	<b>5'-CCCAGCGATCCCAAGATACAA-3'</b>
PLD1 reverse primer	<b>5'-GACAGCCGGAGAGATACGTCT-3'</b>