

**Table S1: Information about quantified lipids.** (Neubauer et al.)

Lipid	m/z (negative mode)	m/z (positive mode)	Ions	Retention time (min)
<b>Phosphoethanolamines</b>				
PE(14:0/14:0)	634.4453	636.4599	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	4.9
PE(16:0/16:0)	690.5079	692.5225	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	8.4
PE(14:0/16:1)	660.4610	662.4755	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	5.0
PE(15:0/16:1)	674.4766	676.4912	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	5.7
PE(16:0/16:1)	688.4923	690.5068	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	6.6
PE(16:0/18:1)	716.5236	718.5381	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	8.5
PE(14:0/16:0(Cp))	674.4766	676.4912	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	5.9
PE(16:0/16:0(Cp))	702.5079	704.5225	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	7.9
PE(16:0/18:0(Cp))	730.5392	732.5538	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	10.3
PE(18:1/16:1)	714.5079	716.5225	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	6.7
PE(18:1/18:1)	742.5392	744.5538	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	8.7
PE(16:1/16:0(Cp))	700.4923	702.5068	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	6.1
PE(18:1/16:0(Cp))	728.5236	730.5381	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	7.9
PE(16:0(Cp)/16:0(Cp))	714.5079	716.5225	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	7.4
PE(18:0(Cp)/16:0(Cp))	742.5392	744.5538	[M-H] <sup>-</sup> , [M+H] <sup>+</sup>	9.6
<b>Phosphatidylglycerols</b>				
PG(16:0/14:0)	693.4712	523.4720	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	4.9
PG(16:0/16:0)	721.5025	551.5033	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	6.4
PG(14:0/16:1)	691.4556	521.4564	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	4.0
PG(16:0/16:1)	719.4869	549.4877	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	5.1
PG(16:0/18:1)	747.5182	577.5190	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	6.5
PG(14:0/16:0(Cp))	705.4712	535.4720	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	4.5
PG(16:0/16:0(Cp))	733.5025	563.5033	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	6.0
PG(16:0/18:0(Cp))	761.5338	591.5346	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	7.8
PG(18:1/16:1)	745.5025	575.5033	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	5.2
PG(18:1/18:1)	773.5338	603.5346	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	6.6
PG(16:1/16:0(Cp))	731.4869	561.4877	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	4.8
PG(18:1/16:0(Cp))	759.5182	589.5190	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	6.1
<b>Cardiolipins</b>				
CL(sum62:1)	1321.9180	1340.9591	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.1
CL(sum64:1)	1349.9493	1368.9904	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum66:2)	1375.9650	1395.0060	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum62:0(Cp)); e.g. CL(14:0/16:0/16:0/16:0(Cp))	1335.9337	1354.9748	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum64:2)	1347.9337	1366.9748	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.1
CL(sum66:3)	1373.9493	1392.9904	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.1
CL(sum62:2)	1319.9024	1338.9434	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	14.9
CL(sum66:1(Cp))	1389.9806	1409.0217	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.7
CL(sum64:1(Cp))	1361.9493	1380.9904	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum66:2(Cp))	1387.9650	1407.0060	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum64:0(Cp))	1363.9650	1383.0060	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.7
CL(sum68:3)	1401.9806	1421.0217	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum70:4)	1427.9963	1447.0374	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.2
CL(sum72:4)	1456.0276	1475.0686	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum70:3)	1430.0119	1449.0530	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum68:2)	1403.9963	1423.0374	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.4
CL(sum72:3)	1458.0432	1477.0843	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.6
CL(sum70:2)	1432.0276	1451.0686	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	15.7
<b>Standards</b>				
PE(17:0/17:0)	718.5392	720.5538	[M+H] <sup>+</sup>	11.1
PG(17:0/17:0)	749.5338	579.5346	[M-H] <sup>-</sup> , [M-phosphoglycerol+H] <sup>+</sup>	8.4
CL(sum57:4); CL(14:1/14:1/14:1/15:1)	1245.7928	1264.8339	[M-H] <sup>-</sup> , [M+NH4] <sup>+</sup>	13.4
<b>Diagnostic MS/MS fragments</b>				
C14:0	227.2017	NA	[M-H] <sup>-</sup>	NA
C15:0	241.2173	NA	[M-H] <sup>-</sup>	NA
C16:0	255.2330	NA	[M-H] <sup>-</sup>	NA
C16:1(9Z)	253.2173	NA	[M-H] <sup>-</sup>	NA
C17:0	269.2486	NA	[M-H] <sup>-</sup>	NA
C16:0(9Cp)	267.2330	NA	[M-H] <sup>-</sup>	NA
C18:0	283.2643	NA	[M-H] <sup>-</sup>	NA
C18:1(11Z)	281.2486	NA	[M-H] <sup>-</sup>	NA
C18(11Cp)	295.2642	NA	[M-H] <sup>-</sup>	NA
PE headgroup	NA	184.03690	[M+H] <sup>+</sup>	NA