

Supplementary Table 1. Multiple reaction monitoring (MRM) transitions of individual polar lipid species

Lipids	MRM transitions	Lipids	MRM transitions	Lipids	MRM transitions
LysoPI 12:1	513.5/241	PS 32:0	734.7/647.6	LysoPA20:1	463.4/153
LysoPI 12:0	515.5/241	PS 34:2	758.7/671.6	PA30:2	615.7/153
LysoPI 14:1	541.5/241	PS 34:1	760.7/673.6	PA30:1	617.7/153
LysoPI 14:0	543.5/241	PS 36:3	784.7/697.6	PA32:2	643.7/153
LysoPI 16:1	569.5/241	PS 36:2	786.7/699.6	PA32:1	645.7/153
LysoPI 16:0	571.5/241	PS 36:1	788.7/701.6	PA34:2	671.7/153
LysoPI 18:1	597.5/241	LysoPE14:0	424.4/196.1	PA34:1	673.7/153
LysoPI 18:0	599.5/241	LysoPE15:1	436.4/196.1	PA36:2	697.7/153
LysoPI 20:0	627.6/241	LysoPE16:1	450.4/196.1	PA36:1	699.7/153
LysoPI 22:0	655.6/241	LysoPE16:0	452.4/196.1	PA36:0	701.7/153
PI 20:0	669.6/241	LysoPE17:1	464.4/196.1	LysoPC14:1	450.4/168
PI 22:1	695.6/241	LysoPE18:1	478.5/196.1	LysoPC14:0	452.4/168
PI 24:1	723.7/241	LysoPE18:0	480.5/196.1	LysoPC16:1	478.4/168
PI 24:0	725.7/241	PE26:1	604.6/196.1	LysoPC16:0	480.4/168
PI 28:1	751.7/241	PE28:1	632.6/196.1	LysoPC18:1	506.5/168
PI 28:0	753.7/241	PE28:0	634.7/196.1	LysoPC18:0	508.5/168
PI 30:1	779.8/241	PE29:0	648.7/196.1	LysoPC20:1	534.5/168
PI 30:0	781.8/241	PE30:1	660.7/196.1	LysoPC20:0	536.5/168
PI 31:1	793.8/241	PE30:0	662.7/196.1	LysoPC22:1	634.5/168
PI 32:2	805.8/241	PE31:1	674.7/196.1	LysoPC22:0	684.7/168
PI 32:1	807.8/241	PE31:2	676.7/196.1	PC28:0	662.7/168
PI 32:0	809.8/241	PE32:2	686.7/196.1	PC30:1	688.7/168
PI 33:1	821.8/241	PE32:1	688.7/196.1	PC30:0	690.7/168
PI 34:3	831.8/241	PE34:2	714.7/196.1	PC32:1	716.7/168
PI 34:2	833.8/241	PE34:1	716.7/196.1	PC32:0	718.7/168
PI 34:1	835.8/241	PE36:3	740.7/196.1	PC34:2	742.8/168
PI 35:1	849.8/241	PE36:2	742.7/196.1	PC34:1	744.8/168
PI 35:0	851.8/241	PE36:1	744.7/196.1	PC34:0	746.8/168
PI 36:3	859.8/241	PE37:1	758.7/196.1	PC36:2	770.8/168
PI 36:2	861.8/241	PE38:2	770.8/196.1	PC36:1	772.8/168
PI 36:1	863.8/241	PE38:1	772.8/196.1	d18:1/20:0	592.7/308.4
PI 36:0	865.8/241	LysoPG16:1	481.5/153	d18:1/20:0	628.7/308.4
PI 37:1	877.8/241	LysoPG16:0	483.5/153	t18:1/20:0	608.7/324.4
PI 38:1	891.8/241	LysoPG18:1	509.5/153	t18:1/20:0	644.7/324.4
PI 38:0	893.8/241	LysoPG18:0	511.5/153	t18:1/26:0-B	692.9/408.5
PI 40:2	917.8/241	PG26:0	637.7/153	t18:0/26:0-B	694.9/410.5
PI 40:1	919.9/241	PG28:1	663.7/153	t18:0/26:0-C	710.9/426.5
LysoPS 14:1	466.5/379.3	PG30:0	665.7/153	t18:0/26:0-C	746.9/426.5
LysoPS 14:0	468.5/381.3	PG30:1	691.7/153	t18:0/26:0-D	726.9/402.5
LysoPS 16:1	494.5/407.3	PG30:0	693.7/153	t18:0/26:0-D	726.9/442.5
LysoPS 16:0	496.5/437.4	PG32:1	719.7/153	t18:0/26:0-D	762.9/402.5
LysoPS 18:2	520.5/433.4	PG32:0	721.7/153	t20:0/26:0-C	738.9/454.6
LysoPS 18:1	522.5/435.4	PG34:2	745.7/153	t20:0/26:0-C	774.9/454.6
LysoPS 18:0	524.5/437.5	PG34:1	747.7/153	IPC t18:1/20:0	850.9/241
PS 26:1	648.6/571.5	PG34:0	749.7/153	IPC(t18:0/24:0-B)	908.9/241
PS 26:0	650.6/573.5	PG36:3	771.7/153	IPC(t18:0/24:0-C)	924.9/241
PS 28:1	676.6/589.5	PG36:2	773.7/153	IPC(t18:0/26:0-B)	936.9/241
PS 28:0	678.6/591.5	PG36:1	775.7/153	IPC(t18:0/26:0-C)	952.9/241
PS 30:1	704.7/617.6	LysoPA16:1	407.4/153	IPC(t20:0/26:0-B)	964.9/241
PS 30:0	706.7/619.6	LysoPA16:0	409.4/153	IPC(t18:0/26:0-D)	968.9/241
PS 32:2	730.7/643.6	LysoPA18:1	435.4/153	IPC(t20:0/26:0-C)	980.9/241
PS 32:1	732.7/645.6	LysoPA18:0	437.4/153		