

**S3 Table.** Assignment of signals detected in ESI spectra from phosphatidylcholine (PC) spots.

<i>m/z</i>	assignment	<i>m/z</i>	assignment
700.5	[PC14:0/14:0 + Na] <sup>+</sup>	804.6	[PC36:4 + Na] <sup>+</sup>
728.6	[PC14:0/16:0 + Na] <sup>+</sup>	806.6	[PC36:3 + Na] <sup>+</sup>
734.6	[PC16:0/16:0 + H] <sup>+</sup>	808.6	[PC36:2 + Na] <sup>+</sup>
746.6	[PCo-16:0/18:1 + H] <sup>+</sup>	810.6	[PC36:1 + Na] <sup>+</sup>
756.6	[PC16:0/16:0 + Na] <sup>+</sup>		[PC38:4 + H] <sup>+</sup>
758.6	[PC16:0/18:2 + H] <sup>+</sup>	812.6	[PCp-16:0/22:6 + Na] <sup>+</sup>
760.6	[PC16:0/18:1 + H] <sup>+</sup>	814.6	[PCo-16:0/22:6 + Na] <sup>+</sup>
768.6	[PCo-16:0/18:1 + Na] <sup>+</sup>	816.6	[PCo-16:0/22:5 + Na] <sup>+</sup>
780.6	[PC16:0/18:2 + Na] <sup>+</sup>	824.6	[PCo-38:1 + Na] <sup>+</sup>
782.6	[PC16:0/18:1 + Na] <sup>+</sup>	828.6	[PC16:0/22:6 + Na] <sup>+</sup>
786.6	[PC36:2 + H] <sup>+</sup>	830.6	[PC16:0/22:5 + Na] <sup>+</sup>
790.6	[PCp-16:0/22:6 + H] <sup>+</sup>	832.6	[PC38:4 + Na] <sup>+</sup>
792.6	[PCo-16:0/22:6 + H] <sup>+</sup>	840.6	[PCp-18:0/22:6 + Na] <sup>+</sup>
794.6	[PCo-16:0/22:5 + H] <sup>+</sup>	858.6	[PC18:0/22:5 + Na] <sup>+</sup>