

<u>Identification #</u>	<u>Lipid</u>	<u>Lipid Class</u>
P726.5442/11.0	PE O-22:4_14:0	Phosphatidylethanolamine
N1052.677/16	Hex2Cer 40:2; O6	Hexosylceramide
N803.5891/13.5	EPC 40:2; O3	Ceramide phosphoethanolamine
P813.6867/14.1	SM d24:0_18:2	Sphingomyelin
N723.4963/8.35	PA 19:2_19:2	Phosphatidic Acid
N913.6994/16.5	SM 45:3; O3	Sphingomyelins
N956.6584/15.2	IPC 46:4; O3	Ceramide phosphoinositol
N970.6746/15.7	IPC 47:4; O3	Ceramide phosphoinositol
P454.3686/2.49	ST 30:5; O2	Sterol
P458.4204/4.19	DG O-24:1	Diacyl glycerol
N831.6213/14.7	EPC 42:2; O3	Ceramide phosphoethanolamine
P815.7027/14.6	SM d29:0_13:1	Sphingomyelin
N701.5112/10.0	PA 36:1	Phosphatidic Acid
N984.6901/16.1	IPC 48:4; O3	Ceramide phosphoinositol
P776.6239/13.4	HexCer 37:0; O4	Hexosylceramide

Table S1: Fifteen most important lipids identified from quantitative lipidomics screen in the SVZ of adult SR^{flox/flox} and Nestin-Cre⁺ mice. Table shows identified lipid followed by lipid class.