

Title: Supplementary Data 1.

Description: Quantitative identification of lipids in lipid-raft and non-raft regions of SV membrane. Three separately isolated lipid-raft and non-raft samples (S) were quantified by MS-based lipidomic profiling. Isomers were numbered for differentiating the lipids' name. $\text{pmol } \mu\text{g}^{-1}$: each quantified lipid molecular species (pmol) was normalized by total proteins of the SVs (μg). mol%: each quantified lipid molecular species (pmol) was normalized by total lipids of each sample (pmol). PC: Phosphatidylcholine; LPC: Lysophosphatidylcholine; PE: Phosphatidylethanolamine; LPE: Lysophosphatidylethanolamine; PS: Phosphatidylserine; PG: Phosphatidylglycerol; PI: Phosphatidylinositol; PA: Phosphatidic acid; Cer: Ceramide; SM: Sphingomyelins; TG: Triacylglycerols; Chol: Cholesterol.