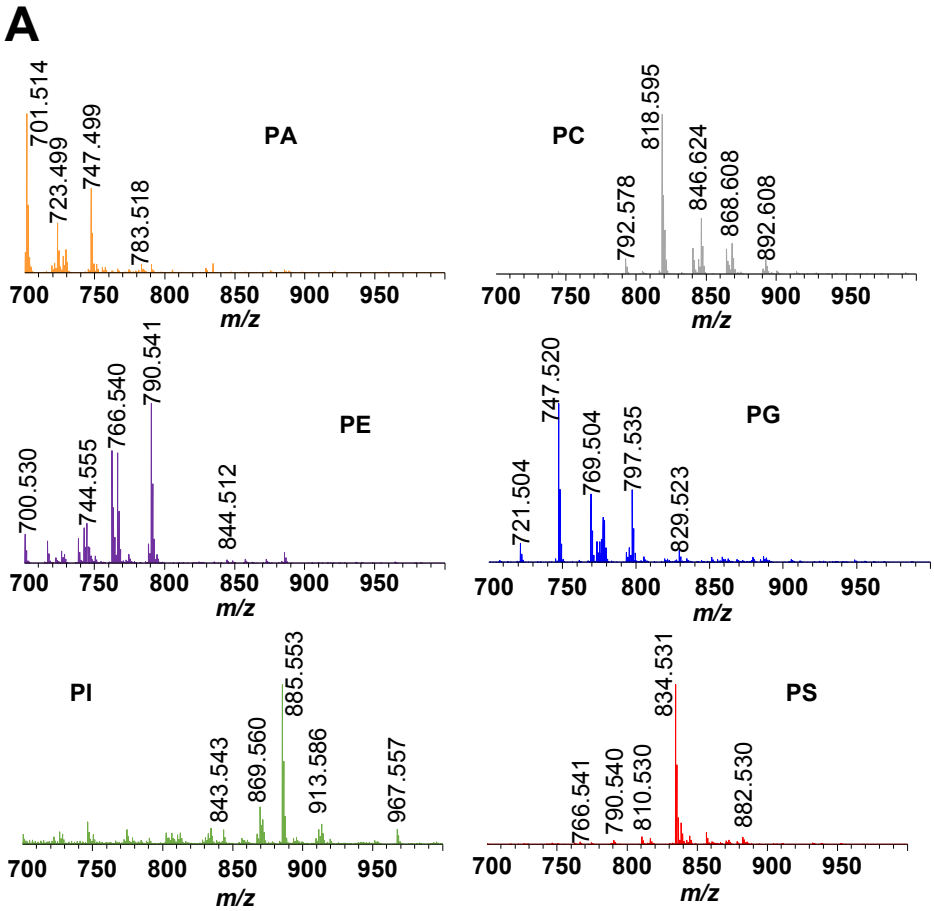

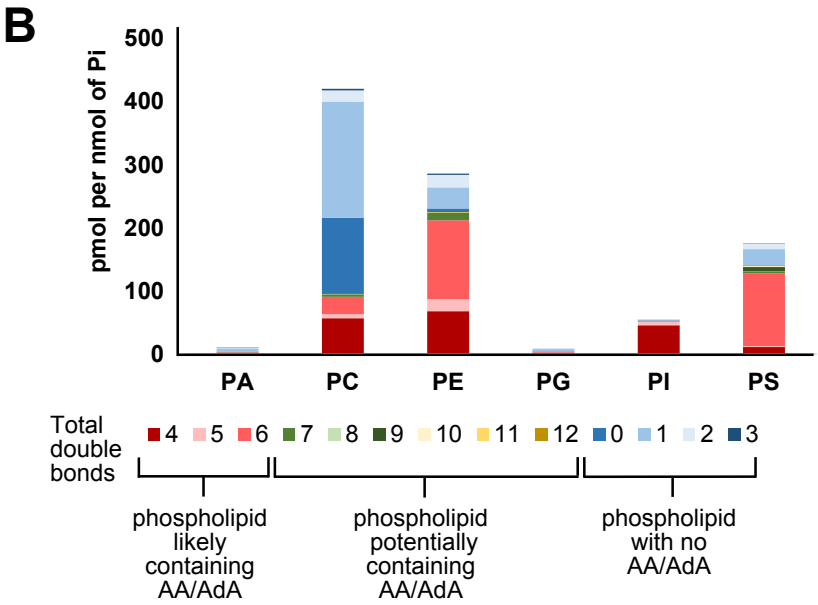

Figure S4. Phosphatidylethanolamine (PE) contains more arachidonic acid (AA) and adrenic acid (AdA) than other phospholipid classes in murine cortex. (**A**) Spectra of phosphatidic acid (PA), phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidylglycerol (PG), phosphatidylinositol (PI), and phosphatidylserine (PS) in mouse cortex. (B) Stacked bar graph showing the abundance of major phospholipid classes in mouse cortex. Species within each phospholipid class were grouped by the number of double bonds, revealing the greatest amount of species containing 4, 5, or 6 double bonds (phospholipids likely containing AA and AdA) in the PE class. (N=5).