



Figure 2. Lipid class composition and functional categories. (A and B) The content of individual lipid classes (A) and functional lipid categories (B) of total cells (MDCK), the AP (Apical), and influenza virus (IFV) was determined by summing up absolute abundances of all identified species. Values are standardized to mole percentage of all membrane lipids within the sample without storage lipids. Indicated values have been multiplied by five for visibility. Sterols (ST): cholesterol (Chol) and desmosterol (Desm). GPLs: DAG, phosphatidic acid (PA), phosphatidylcholine/-ethanolamine/-glycerol/-inositol/-serine (PC/PE/PG/PI/PS), and ether linked PC/PE (PC O-/PE O-). Sphingolipids (SP): ceramide (Cer), Forssman glycolipid (For), hexosylceramide (HexCer), dihexosylceramide ((Hex)₂Cer), sphingomyelin (SM), and sulfatide (Sulf). Storage: cholesterol esters (CE) and triacylglycerol (TAG). Error bars correspond to SDs (n = 3).