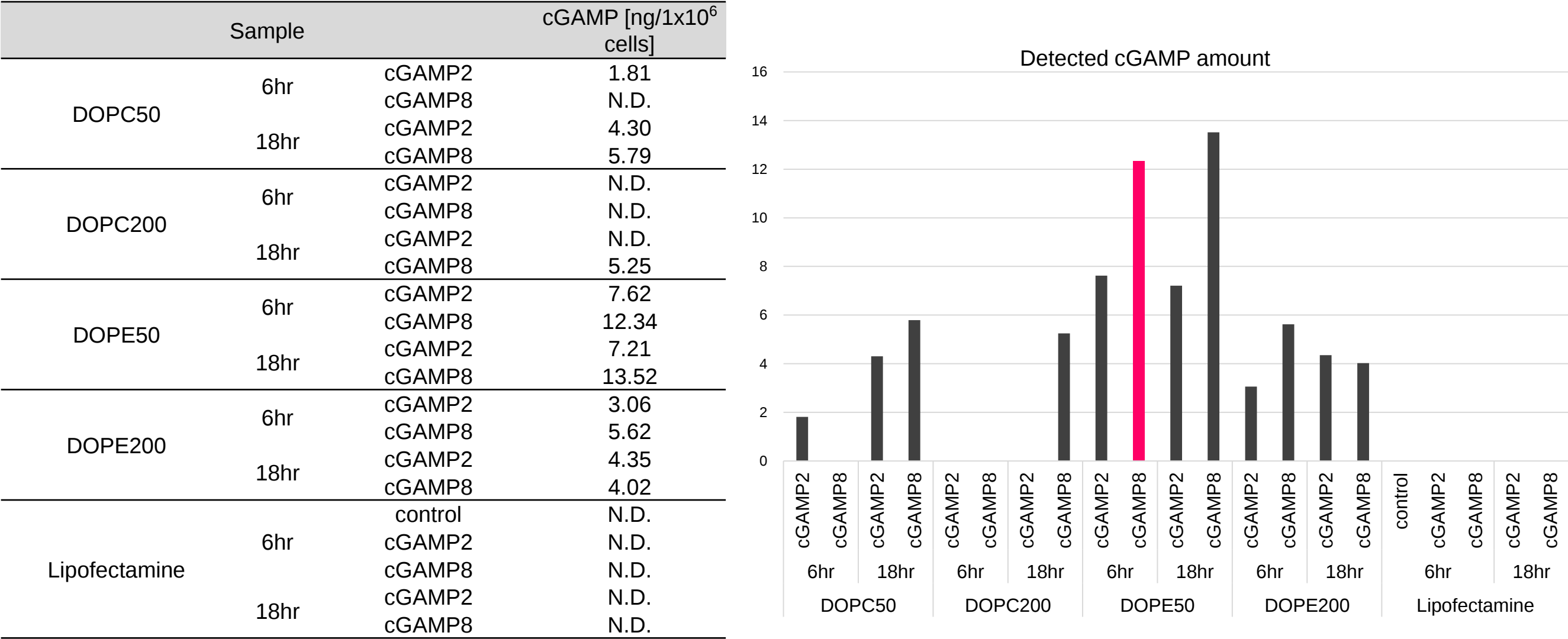
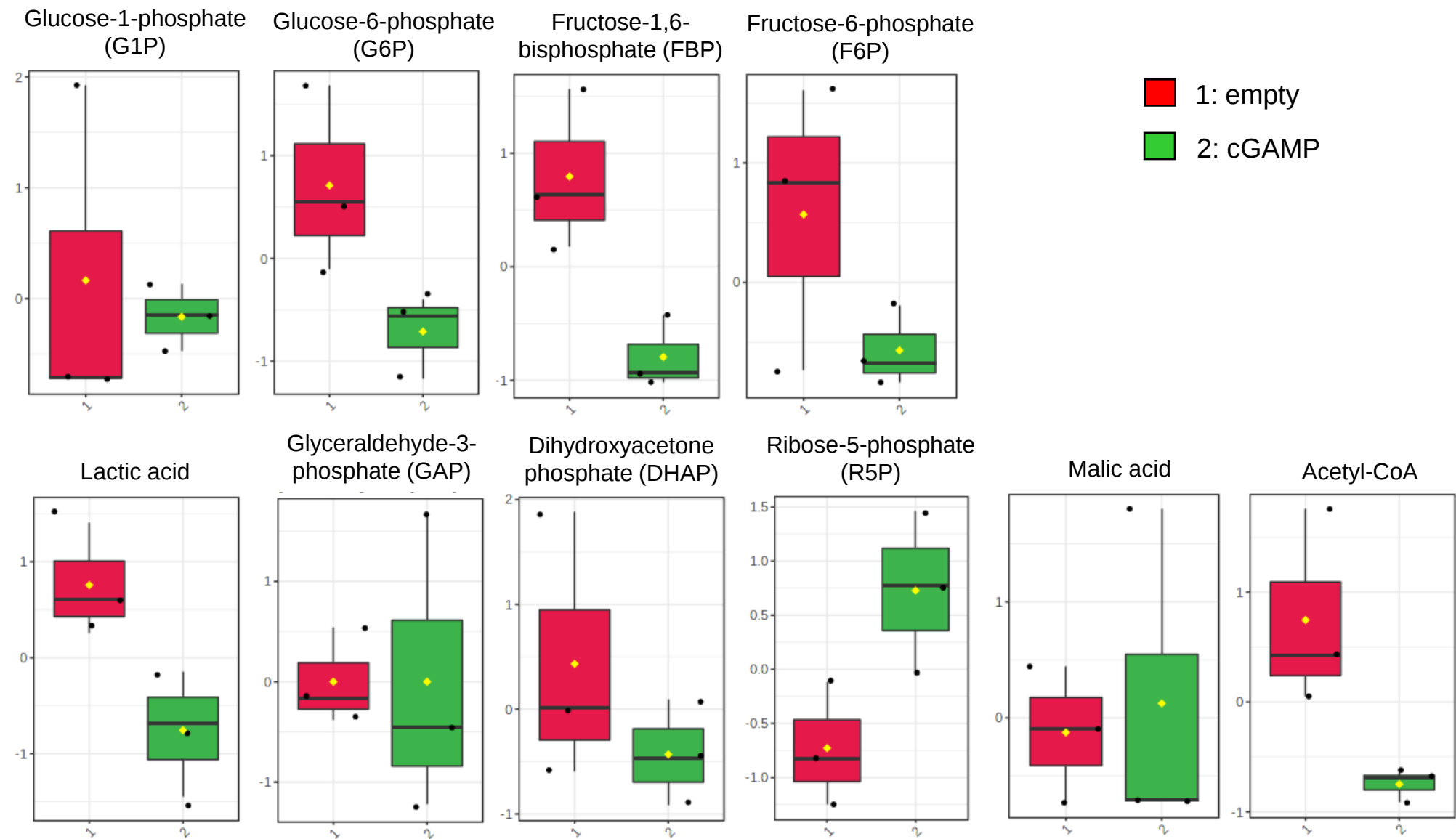


Amount of cGAMP detected in astrocytes after treatment with various lipid nanoparticles (LNPs) and cGAMP complexes



3 types of LNPs were prepared, DOPC, DOPE and Lipofectamine 3000. The ratio of lipid (nmol) to cGAMP (μg) was 50 and 200. cGAMP incorporation into LNPs was 2 or 8 μg/well, and the incorporation time into cells was 6 or 18 hours. Data are shown as mean values of duplicates. N.D.; not detected. The red bar condition (DOPE, 6hr, cGAMP 8 μg) was selected in the present study.

Intracellular metabolites regarding glucose metabolism after $^{13}\text{C}_6$ -glucose incorporation normalized as z-score



The most abundant isotopomer in each compounds are shown. G1P, G6P, FBP, and F6P represent $^{13}\text{C}_6$ isotopomer. Lactic acid, GAP and DHAP represent $^{13}\text{C}_3$ isotopomer, R5P represents $^{13}\text{C}_5$ isotopomer, Malic acid, Acetyl-CoA represent $^{13}\text{C}_2$ isotopomer.