Figure 1

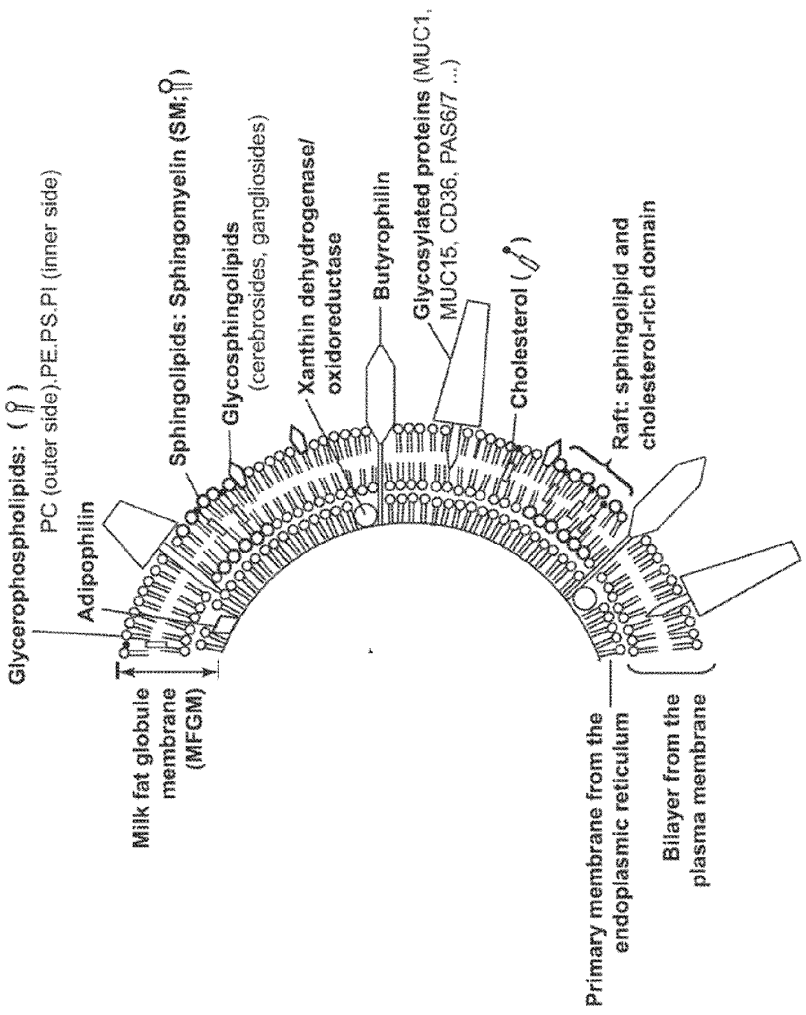
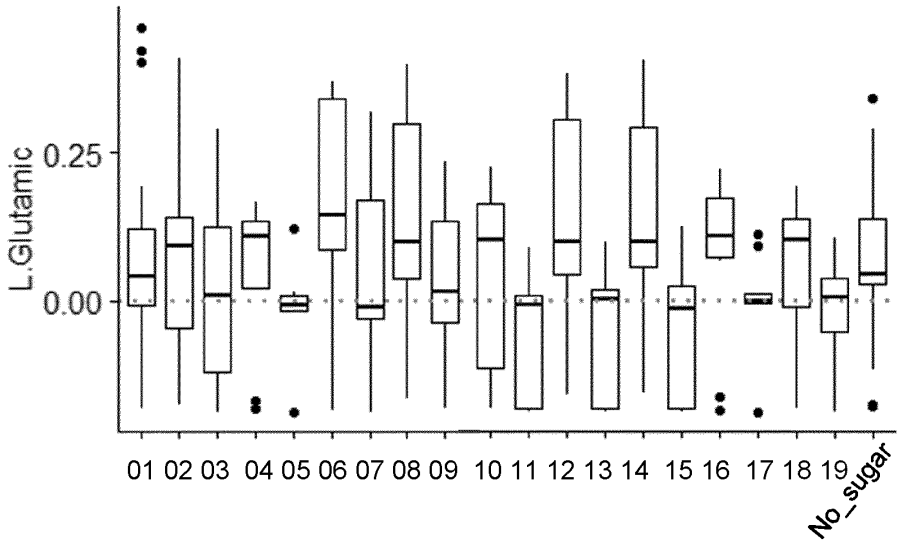

Glycerophospholipids:
PC (outer side),PE.PS.PI (inner side)
Adipophilin
Sphingolipids: Sphingomyelin (SM;
Glycosphingolipids
(cerebrosides, gangliosides)
Xanthin dehydrogenase/
oxidoreductase
Butyrophilin
Glycosylated proteins (MUC1,
MUC15, CD36, PAS6/7 ...)
Cholesterol
Raft: sphingolipid and
cholesterol-rich domain
Milk fat globule
membrane
(MFGM)
Primary membrane from the
endoplasmic reticulum
Bilayer from the
plasma membrane

Figure 2


L.Glutamic
0.25
0.00
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 No_sugar