Figure 1

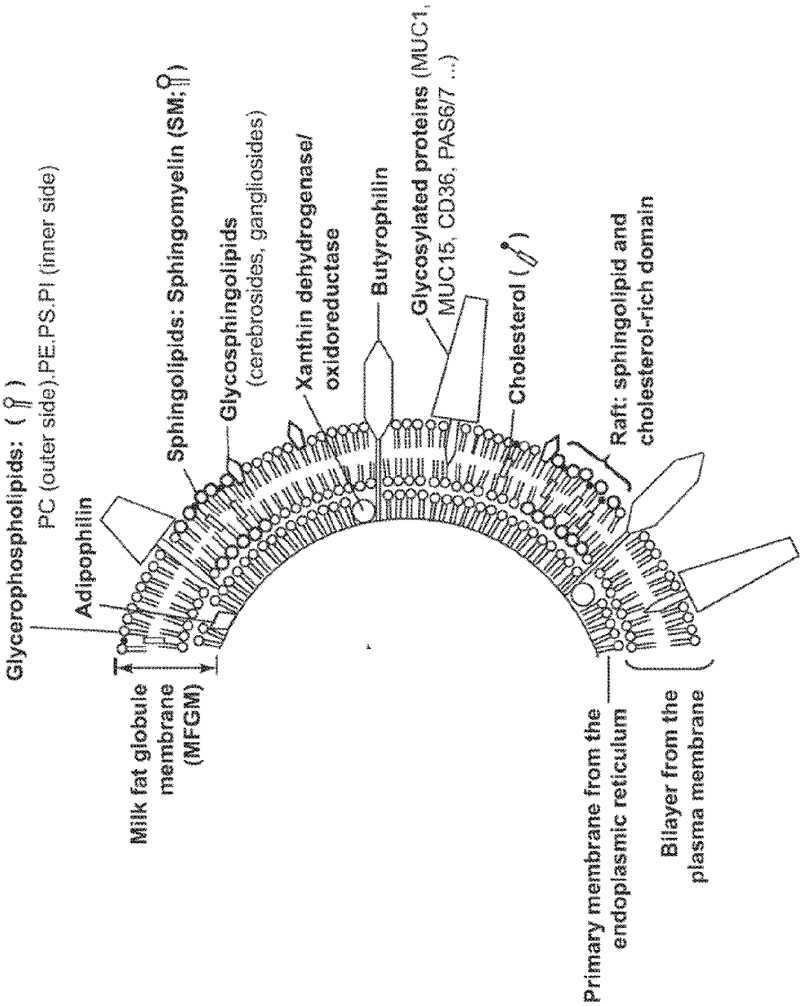
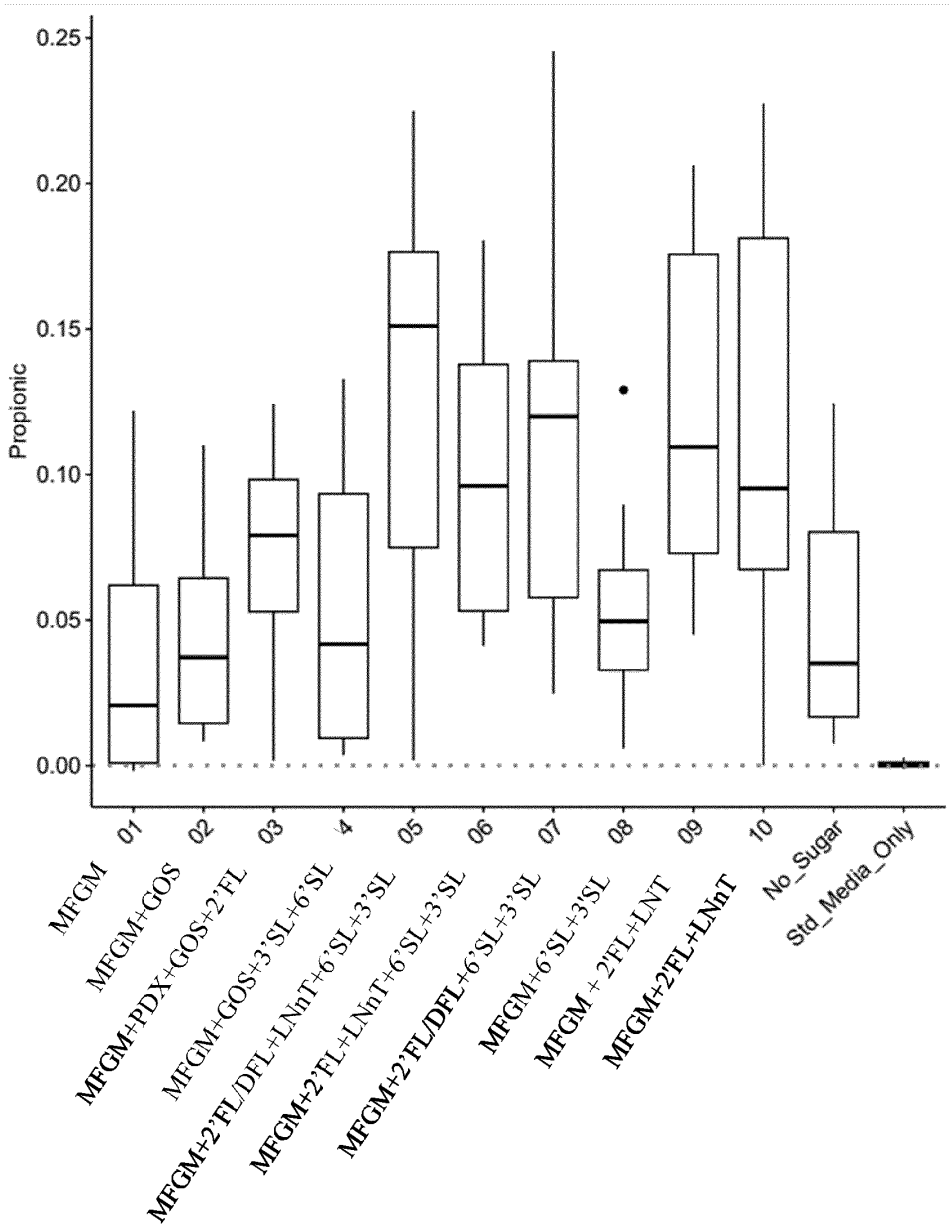

Glycerophospholipids:
PC (outer side).PE.PS.PI (inner side)
Adipophilin
Sphingolipids: Sphingomyelin (SM;
Glycosphingolipids
(cerebrosides, gangliosides)
Xanthin dehydrogenase/
oxidoreductase
Butyrophilin
Glycosylated proteins (MUC1,
MUC15, CD36, PAS6/7 ...)
Cholesterol
Raft: sphingolipid and
cholesterol-rich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

Figure 2


Propionic
0.25
0.20
0.15
0.10
0.05
0.00
01
02
03
4
05
06
07
08
09
10
No_Sugar
Std_Media_Only
MFGM
MFGM+GOS
MFGM+PDX+GOS+2'FL
MFGM+GOS+3'SL+6'SL
MFGM+2'FL/DFL+LNnT+6'SL+3'SL
MFGM+2'FL+LNnT+6'SL+3'SL
MFGM+2'FL/DFL+6'SL+3'SL
MFGM+6'SL+3'SL
MFGM + 2'FL+LNT
MFGM+2'FL+LNnT