

**Supplementary Figure S3** Expression of proteins involved in the glycolysis and the bifidus shunt. The comparative proteomics using the lactose proteome as control suggested that the expression level was changed less than two fold showing constitutive expression regardless of carbon sources. LAC; lactose, GLC; glucose, FOS; fructooligosaccharide, INL; inulin, HMO; human milk oligosaccharide, GOS; galactooligosaccharide

