Bifidobacterium longum subsp. infantis Bg40721\_2D9 No substrate D-glucose (Glc) D-galactose (Gal) D-fructose (Fru) D-mannose (Man) D-xylose (Xyl) 2.0 1.5 1.0 0.5 0.0 N-acetyl-D-glucosamine (GlcNAc) N-acetyl-D-galactosamine (GalNAc) 2.0 1.5 1.0 0.5 0.0 D-glucuronate (GlcA) D-gluconate (Gco) 2.0 1.5 1.0 0.5 0.0 Maltose (Mal) Maltotriose (MOS) Panose (IMO) Isomaltotriose (IMO) Cellobiose (BgIOS) 2.0 1.5 1.0 0.5 000 000 000 000 1.5 1.0 0.5 0.0 2.0 1.5 1.0 0.5 0.0 Lacto-N-tetraose (LNT) Lacto-N-neotetraose (LNnT) 2'-fucosyllactose (2'FL) 6'-sialyllactose (SHMO) 3'-sialvllactose (SHMO) Potato soluble starch (ST) 2.0 1.5 1.0 0.5 0.0 Pullulan (PUL) Gum arabic from acacia tree (GA) Konjac glucomannan (bMAN) Tamarind xyloglucan (XGL) 2.0 1.5 1.0 0.5 0.0 10 30 30 40 0 20 20 20 20 40 10 20 30 40 0 10 30 40 10 20 30

Time (h)