Bifidobacterium longum subsp. longum Bg115.S08_3A11 No substrate D-glucose (Glc) D-galactose (Gal) D-mannose (Man) D-xylose (Xyl) 1.5 1.0 0.5 0.0 N-acetyl-D-mannosamine (ManNAc) L-arabinose (Ara) D-ribose (Rib) N-acetyl-D-glucosamine (GlcNAc) N-acetyl-D-galactosamine (GalNAc) 1.5 1.0 0.5 0.0 D-glucuronate (GlcA) D-gluconate (Gco) 1.5 1.0 0.5 0.0 Maltotriose (MOS) Maltose (Mal) Panose (IMO) Isomaltotriose (IMO) Melezitose (MIz) Cellobiose (BgIOS) 1.5 1.0 0.5 0.0 OD600 Raffinose (RFO) 1.5 1.0 0.5 0.0 1.5 1.0 -0.5 0.0 Lacto-N-tetraose (LNT) 2'-fucosyllactose (2'FL) 3'-sialyllactose (SHMO) 6'-sialyllactose (SHMO) Lacto-N-neotetraose (LNnT) Potato soluble starch (ST) 1.5 1.0 0.5 0.0 Pullulan (PUL) Gum arabic from acacia tree (GA) Sugar beet arabinan (AR) Tamarind xyloglucan (XGL) 1.5 1.0 0.5 0.0 30 40 40 0 10 30 10 20 10 20 30 40 10 20 30 20 30 40 0 10 20 40 10 20 30

Time (h)