Bifidobacterium longum subsp. infantis JG\_Bg463 D-fructose (Fru) D-mannose (Man) D-xylose (Xyl) 2.0 1.5 1.0 0.0 L-arabinose (Ara) D-ribose (Rib) N-acetyl-D-glucosamine (GlcNAc) N-acetyl-D-galactosamine (GalNAc) N-acetyl-D-mannosamine (ManNAc) N-acetylneuraminic acid (Neu5Ac) 2.0 1.5 1.0 0.5 0.0 D-glucuronate (GlcA) D-mannitol (Mtl) D-sorbitol (Stl) 2.0 1.5 1.0 0.5 Maltose (Mal) Maltotriose (MOS) Panose (IMO) Melezitose (MIz) Cellobiose (BgIOS) 2.0 1.5 1.0 0.5 00900 0.0 2.0 Melibiose (Mel) 2.0 1.5 1.0 0.5 0.0 Sucrose (Scr) Fructooligosaccharide DP=3 (scFOS) Mannotriose (bMnOS) Xylotriose (XOS) Arabinotriose (aAOS) 2.0 1.5 1.0 0.5 0.0 Lacto-N-neotetraose (LNnT) Lacto-N-tetraose (LNT) 2'-fucosyllactose (2'FL) 3'-sialyllactose (SHMO) 6'-sialyllactose (SHMO) Potato soluble starch (ST) 2.0 1.5 1.0 0.5 0.0 Pullulan (PUL) Tamarind xyloglucan (XGL) 2.0 1.5 1.0 0.5

40 0

Time (h)

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20 30

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30

40 0

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