Bifidobacterium longum subsp. suis Bg41121_2E1 D-fructose (Fru) D-mannose (Man) D-xylose (Xyl) 1.5 1.0 0.5 0.0 N-acetyl-D-glucosamine (GlcNAc) N-acetyl-D-mannosamine (ManNAc) L-arabinose (Ara) D-ribose (Rib) N-acetyl-D-galactosamine (GalNAc) N-acetylneuraminic acid (Neu5Ac) 1.5 1.0 0.5 0.0 D-glucuronate (GlcA) D-mannitol (Mtl) D-sorbitol (Stl) 1.5 1.0 0.5 0.0 Maltose (Mal) Isomaltotriose (IMO) Cellobiose (BgIOS) 1.5 1.0 0.5 0.0 0.0 Raffinose (RFO) 1.5 1.0 0.5 0.0 Mannotriose (bMnOS) Xylotriose (XOS) Arabinotriose (aAOS) 2'-fucosyllactose (2'FL) 1.5 1.0 0.5 0.0 6'-sialyllactose (SHMO) Potato soluble starch (ST) Pullulan (PUL) 3'-sialyllactose (SHMO) Gum arabic from acacia tree (GA) Konjac glucomannan (bMAN) 1.5 1.0 0.5 0.0 Wheat flour arabinoxylan (AX) 1.5 1.0 0.5 0.0

10

20 30

40 0

10

30

10

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Time (h)