Bifidobacterium breve Bg131.S11_D6 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-mannosamine (ManNAc) L-arabinose (Ara) D-ribose (Rib) N-acetyl-D-glucosamine (GlcNAc) N-acetyl-D-galactosamine (GalNAc) N-acetylneuraminic acid (Neu5Ac) 2.0 1.5 1.0 0.5 0.0 D-glucuronate (GlcA) D-galacturonate (GalA) Myo-inositol (Ino) D-mannitol (Mtl) D-sorbitol (Stl) 2.0 1.5 1.0 0.5 0.0 Maltose (Mal) Maltotriose (MOS) Isomaltotriose (IMO) Cellobiose (BgIOS) 2.0 1.5 1.0 0.5 0090 0.0 2.0 1.5 1.0 0.5 0.0 Mannotriose (bMnOS) Xylotriose (XOS) Arabinotriose (aAOS) Lacto-N-tetraose (LNT) 2'-fucosyllactose (2'FL) 2.0 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) 2.0 1.5 1.0 0.5 0.0 Wheat flour arabinoxylan (AX) Tamarind xyloglucan (XGL) 2.0 1.5 1.0

0.5

10 20 30

40 0

10

20

30

10

20

30

Time (h)