Bifidobacterium longum subsp. infantis Malawi264A_MC2 D-mannose (Man) D-xylose (Xyl) 2.0 1.5 1.0 0.5 0.0 L-arabinose (Ara) D-ribose (Rib) N-acetyl-D-glucosamine (GlcNAc) N-acetyl-D-galactosamine (GalNAc) N-acetyl-D-mannosamine (ManNAc) 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) Panose (IMO) Melezitose (MIz) 2.0 1.5 1.0 0.5 0.0 0090 0 2.0 Melibiose (Mel) 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-tetraose (LNT) Lacto-N-neotetraose (LNnT) 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) 2.0 1.5

1.0 0.5 0.0

10 20

30

10

20 30

10

20

30

40 0

Time (h)

10

20

30

40 0

10 20

40

20