## Bifidobacterium bifidum M138B\_2A5 D-galactose (Gal) 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-sorbitol (Stl) D-glucuronate (GlcA) D-galacturonate (GalA) D-gluconate (Gco) D-mannitol (Mtl) 1.5 1.0 0.5 0.0 Maltose (Mal) Melezitose (MIz) Cellobiose (BgIOS) Gentiobiose (BgIOS) Melibiose (Mel) 1.5 1.0 0.5 OD600 0.0 1.5 1.0 0.5 0.0 Xylotriose (XOS) Arabinotriose (aAOS) Lacto-N-tetraose (LNT) Lacto-N-neotetraose (LNnT) 2'-fucosyllactose (2'FL) 3'-sialyllactose (SHMO) 1.5 1.0 0.5 0.0 Konjac glucomannan (bMAN) 6'-sialyllactose (SHMO) Pullulan (PUL) Potato soluble starch (ST) Gum arabic from acacia tree (GA) Wheat flour arabinoxylan (AX) 1.5 1.0 0.5 0.0 Sugar beet arabinan (AR) Tamarind xyloglucan (XGL) 1.5

Time (h)

1.00.50.0

10 20 30

40 0

20