Bifidobacterium breve M257B\_A4 No substrate D-glucose (Glc) D-galactose (Gal) D-fructose (Fru) D-mannose (Man) D-xylose (Xyl) 1.5 1.0 0.5 0.0 N-acetyl-D-galactosamine (GalNAc) 1.5 1.0 0.5 0.0 D-glucuronate (GlcA) 1.5 1.0 0.5 0.0 Maltose (Mal) Maltotriose (MOS) Isomaltotriose (IMO) Melezitose (MIz) Cellobiose (BgIOS) Gentiobiose (BgIOS) 1.5 1.0 0.5 0.0 0.0 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 3'-sialyllactose (SHMO) 6'-sialyllactose (SHMO) Potato soluble starch (ST) Pullulan (PUL) Gum arabic from acacia tree (GA) 2'-fucosyllactose (2'FL) 1.5 1.0 0.5 0.0 10 20 30 40 20 30 10 Konjac glucomannan (bMAN) 1.5 1.0

0.5

10 20 30

40

10 20

30

40 0

10 20

30

40 0

Time (h)

10

20

30