Bifidobacterium adolescentis M56B_1C3 No substrate D-glucose (Glc) D-fructose (Fru) D-mannose (Man) D-xylose (Xyl) 1.5 1.0 0.5 0.0 L-arabinose (Ara) D-ribose (Rib) N-acetyl-D-mannosamine (ManNAc) 1.5 1.0 0.5 0.0 1.5 1.0 0.5 0.0 Cellobiose (BgIOS) Maltose (Mal) Isomaltotriose (IMO) Melezitose (MIz) Gentiobiose (BgIOS) 1.5 1.0 0.5 OD600 0.0 1.5 1.0 0.5 0.0 Chicory fructooligosaccharides (IcFOS 1.5 1.0 0.5 0.0 2'-fucosyllactose (2'FL) 3'-sialyllactose (SHMO) 6'-sialyllactose (SHMO) Pullulan (PUL) Potato soluble starch (ST) Gum arabic from acacia tree (GA) 1.5 1.0 0.5 0.0 10 20 30 40 30 10 20 Konjac glucomannan (bMAN) Sugar beet arabinan (AR) 1.5

1.00.50.0

10 20

40

10 20

30

40 0

10 20

30

40 0

Time (h)

10

20

30