## Bifidobacterium breve Bg131.S11\_D6 No substrate D-glucose (Glc) D-xylose (Xyl) D-galactose (Gal) D-fructose (Fru) D-mannose (Man) 2.0 1.5 1.0 0.5 0.0 L-arabinose (Ara) N-acetyl-D-galactosamine (GalNAc) N-acetyl-D-mannosamine (ManNAc) 2.0 1.5 1.0 0.5 0.0 2.0 1.5 1.0 0.5 0.0 Maltotriose (MOS) Maltose (Mal) Isomaltotriose (IMO) Melezitose (MIz) Cellobiose (BgIOS) Gentiobiose (BgIOS) 2.0 1.5 1.0 0.5 0090 0 2.0 1.5 1.0 0.5 0.0 2.0 1.5 1.0 0.5 0.0 3'-sialyllactose (SHMO) 6'-sialyllactose (SHMO) Pullulan (PUL) Gum arabic from acacia tree (GA) Potato soluble starch (ST) Konjac glucomannan (bMAN) 2.0 1.5 1.0 0.5 0.0 10 20 30 40 0 10 20 30 40 30 10 20 Wheat flour arabinoxylan (AX) Tamarind xyloglucan (XGL) 2.0 1.5 1.0 0.5 0.0

30

10 20

Time (h)

10 20

10 20