Bifidobacterium bifidum M257B_A12 No substrate D-glucose (Glc) D-galactose (Gal) D-fructose (Fru) D-mannose (Man) D-xylose (Xyl) 1.0 0.5 0.0 L-arabinose (Ara) D-ribose (Rib) N-acetyl-D-galactosamine (GalNAc) 1.0 0.5 0.0 1.0 0.5 0.0 Maltose (Mal) Isomaltotriose (IMO) Melezitose (MIz) Cellobiose (BgIOS) Gentiobiose (BgIOS) Melibiose (Mel) 1.0 0.5 0.0 0.0 1.0 0.5 0.0 1.0 0.5 0.0 -Konjac glucomannan (bMAN) 6'-sialyllactose (SHMO) Potato soluble starch (ST) Pullulan (PUL) Gum arabic from acacia tree (GA) Sugar beet arabinan (AR) 1.0 0.5 0.0 20 30 40 0 20 30 40 0 10 20 30 40 0 20 30 20 10 10 Tamarind xyloglucan (XGL) 1.0 0.5 20 30 10

Time (h)