Bifidobacterium pseudocatenulatum LFYP29 No substrate D-glucose (Glc) D-galactose (Gal) D-fructose (Fru) D-mannose (Man) D-xylose (Xyl) 2.0 1.5 1.0 0.5 0.0 N-acetyl-D-mannosamine (ManNAc) L-arabinose (Ara) N-acetyl-D-galactosamine (GalNAc) 2.0 1.5 1.0 0.5 0.0 D-glucuronate (GlcA) D-gluconate (Gco) D-sorbitol (Stl) 2.0 1.5 1.0 0.5 0.0 Panose (IMO) Isomaltotriose (IMO) Maltose (Mal) Maltotriose (MOS) Melezitose (Mlz) Cellobiose (BgIOS) 2.0 1.5 1.0 0.5 0.0 000 0 2.0 1.5 1.0 0.5 0.0 Xylotriose (XOS) 2.0 1.5 1.0 0.5 0.0 Lacto-N-tetraose (LNT) 3'-sialyllactose (SHMO) 6'-sialyllactose (SHMO) Lacto-N-neotetraose (LNnT) 2'-fucosyllactose (2'FL) Potato soluble starch (ST) 2.0 1.5 1.0 0.5 0.0 Pullulan (PUL) Gum arabic from acacia tree (GA) Sugar beet arabinan (AR) Tamarind xyloglucan (XGL) 2.0 1.5 1.0 0.5 0.0 40 0 10 20 20 10 20 30 40 0 10 20 30 30 40 0 10 20 30 40 20 30 Time (h)