| | | | | formate C-acetyltransferase | 1 | class |
|----------|---------|---------|----------|--|-----|----------------------------|
| | | | | Oligopeptide-binding protein oppA | | 43 kbp HMO cluster |
| | | | | L-fucose permease | 0.8 | |
| | | | | lactaldehyde reductase | | Cidiidaco_cidotoi |
| | | | | Solute-binding protein of ABC transporter system for sugars | | Fucosidase_cluster |
| | | | | Beta-lactamase | 0.6 | LNT related gene |
| | | | | Oligopeptide transport system permease protein | | GNB-LNB_cluster |
| | | | | N–Acetylneuraminate lyase | 0.4 | GluNAc-GalNAc_related_gene |
| | | | | LNT beta-1,3-galactosidase | 0.1 | alpha_mannose_related_gene |
| | | | | Phosphocarrier protein HPr | | |
| | | | | fusion between oligopeptide transport permease oppC and ATP-binding protein oppD | 0.2 | |
| | | | | Lacl-type transcriptional regulator | | CRISPR_related_gene |
| | | | | Phosphoenolpyruvate-protein phosphotransferase Family 1 extracellular solute-binding protein | 0 | _ |
| | | | | Galactoside symporter | U | |
| | | | | Permease protein of ABC transporter system for sugars | | |
| | | | | Binding-protein-dependent transport system Inner membrane protein | | |
| | | | | Sugar ABC transporter permease | | |
| | | | | type I–E | | |
| | | | | Integrase | | |
| | | | | Glucosamine–6–phosphate isomerase | | |
| | | | | inner-membrane translocator | | |
| | | | | Alpha-mannosidase | | |
| | | | | Endo-alpha-N-acetylgalactosaminidase | | |
| | | | | N–Acetylglucosamine–6–phosphate deacetylase | | |
| | | | | Alpha-galactosidase | | |
| | | | | Dihydrodipicolinate synthase | | |
| | | | | high-affinity nickel-transporter | | |
| | | | | L-fuconolactonase | | |
| | | | | PTS system, glucose–specific IIABC component | | |
| | | | | PTS system, N–acetylglucosamine–specific IIBC component | | |
| | | | | urea inner–membrane translocator | | |
| | | | | Alpha-L-fucosidase type I-C | | |
| | | | | type I=C Mandelate racemase/muconate lactonizing domain–containing protein | | |
| | | | | Urease accessory protein | | |
| | | | | Beta-galactosidase | | |
| | | | | N-Acetylmannosamine-6-phosphate 2-epimerase,NanE | | |
| | | | | Sialidase A | | |
| | | | | ROK family transcriptional regulator | | |
| | | | | Lacto-N-biose phorylase | | |
| <u>0</u> | st | st | St | | | |
| class | strain1 | strain2 | strain3 | | | |
| S | 1 | 72 | <u> </u> | | | |