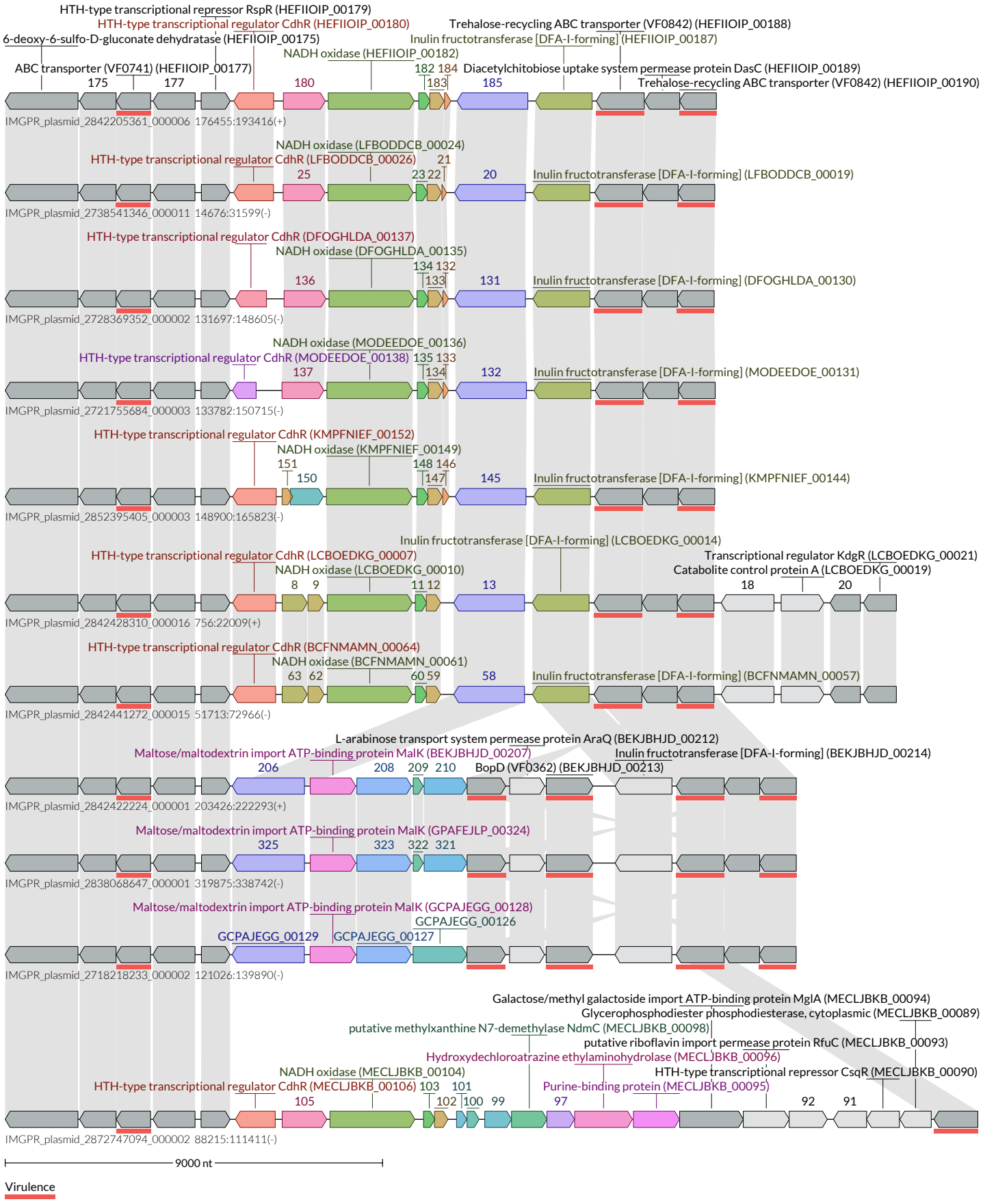
HTH-type transcriptional repressor RspR (HEFIIOIP_00179)
HTH-type transcriptional regulator CdhR (HEFIIOIP_00180)
Trehalose-recycling ABC transporter (VF0842) (HEFIIOIP_00188)
6-deoxy-6-sulfo-D-gluconate dehydratase (HEFIIOIP_00175)
Inulin fructotransferase [DFA-I-forming] (HEFIIOIP_00187)
NADH oxidase (HEFIIOIP_00182)
ABC transporter (VF0741) (HEFIIOIP_00177)
Diacetylchitobiose uptake system permease protein DasC (HEFIIOIP_00189)
Trehalose-recycling ABC transporter (VF0842) (HEFIIOIP_00190)
175 177 180 182 184 183 185
IMGPR_plasmid_2842205361_000006 176455:193416(+)
NADH oxidase (LFBODDCB_00024)
HTH-type transcriptional regulator CdhR (LFBODDCB_00026)
Inulin fructotransferase [DFA-I-forming] (LFBODDCB_00019)
25 23 22 21 20
IMGPR_plasmid_2738541346_000011 14676:31599(-)
HTH-type transcriptional regulator CdhR (DFOGHLDA_00137)
NADH oxidase (DFOGHLDA_00135)
Inulin fructotransferase [DFA-I-forming] (DFOGHLDA_00130)
136 134 133 132 131
IMGPR_plasmid_2728369352_000002 131697:148605(-)
NADH oxidase (MODEEDOE_00136)
HTH-type transcriptional regulator CdhR (MODEEDOE_00138)
Inulin fructotransferase [DFA-I-forming] (MODEEDOE_00131)
137 135 133 134 132
IMGPR_plasmid_2721755684_000003 133782:150715(-)
HTH-type transcriptional regulator CdhR (KMPFNIEF_00152)
NADH oxidase (KMPFNIEF_00149)
Inulin fructotransferase [DFA-I-forming] (KMPFNIEF_00144)
151 150 148 146 147 145
IMGPR_plasmid_2852395405_000003 148900:165823(-)
Inulin fructotransferase [DFA-I-forming] (LCBOEDKG_00014)
HTH-type transcriptional regulator CdhR (LCBOEDKG_00007)
Transcriptional regulator KdgR (LCBOEDKG_00021)
NADH oxidase (LCBOEDKG_00010)
Catabolite control protein A (LCBOEDKG_00019)
8 9 11 12 13 18 20
IMGPR_plasmid_2842428310_000016 756:22009(+)
HTH-type transcriptional regulator CdhR (BCFNMAMN_00064)
NADH oxidase (BCFNMAMN_00061)
Inulin fructotransferase [DFA-I-forming] (BCFNMAMN_00057)
63 62 60 59 58
IMGPR_plasmid_2842441272_000015 51713:72966(-)
L-arabinose transport system permease protein AraQ (BEKJBHJD_00212)
Maltose/maltodextrin import ATP-binding protein MalK (BEKJBHJD_00207)
Inulin fructotransferase [DFA-I-forming] (BEKJBHJD_00214)
206 208 209 210
BopD (VF0362) (BEKJBHJD_00213)
IMGPR_plasmid_2842422224_000001 203426:222293(+)
Maltose/maltodextrin import ATP-binding protein MalK (GPAFEJLP_00324)
325 323 322 321
IMGPR_plasmid_2838068647_000001 319875:338742(-)
Maltose/maltodextrin import ATP-binding protein MalK (GCPAJEGG_00128)
GCPAJEGG_00126
GCPAJEGG_00129
GCPAJEGG_00127
IMGPR_plasmid_2718218233_000002 121026:139890(-)
Galactose/methyl galactoside import ATP-binding protein MglA (MECLJBKB_00094)
Glycerophosphodiester phosphodiesterase, cytoplasmic (MECLJBKB_00089)
putative methylxanthine N7-demethylase NdmC (MECLJBKB_00098)
putative riboflavin import permease protein RfuC (MECLJBKB_00093)
Hydroxydechloroatrazine ethylaminohydrolase (MECLJBKB_00096)
NADH oxidase (MECLJBKB_00104)
HTH-type transcriptional repressor CsqR (MECLJBKB_00090)
HTH-type transcriptional regulator CdhR (MECLJBKB_00106)
Purine-binding protein (MECLJBKB_00095)
105 103 101 102 100 99 97 92 91
IMGPR_plasmid_2872747094_000002 88215:111411(-)
9000 nt
Virulence