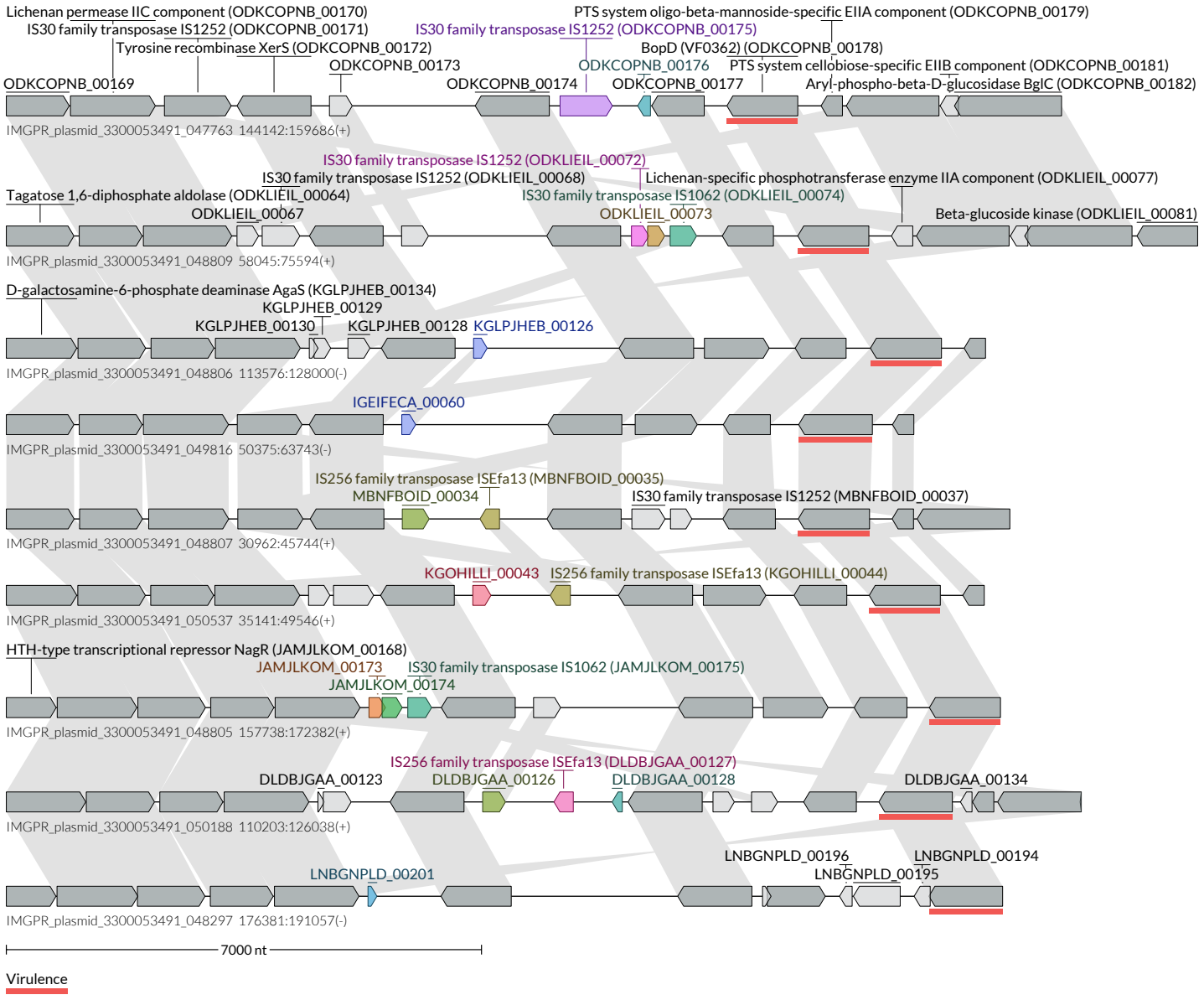
Lichenan permease IIC component (ODKCOPNB_00170)
IS30 family transposase IS1252 (ODKCOPNB_00171)
Tyrosine recombinase XerS (ODKCOPNB_00172)
ODKCOPNB_00173
ODKCOPNB_00169
ODKCOPNB_00174
IS30 family transposase IS1252 (ODKCOPNB_00175)
ODKCOPNB_00176
ODKCOPNB_00177
PTS system oligo-beta-mannoside-specific EIIA component (ODKCOPNB_00179)
BopD (VF0362) (ODKCOPNB_00178)
PTS system cellobiose-specific EIIB component (ODKCOPNB_00181)
Aryl-phospho-beta-D-glucosidase BglC (ODKCOPNB_00182)
IMGPR_plasmid_3300053491_047763 144142:159686(+)
IS30 family transposase IS1252 (ODKLIEIL_00072)
IS30 family transposase IS1252 (ODKLIEIL_00068)
Lichenan-specific phosphotransferase enzyme IIA component (ODKLIEIL_00077)
Tagatose 1,6-diphosphate aldolase (ODKLIEIL_00064)
IS30 family transposase IS1062 (ODKLIEIL_00074)
ODKLIEIL_00067
ODKLIEIL_00073
Beta-glucoside kinase (ODKLIEIL_00081)
IMGPR_plasmid_3300053491_048809 58045:75594(+)
D-galactosamine-6-phosphate deaminase AgaS (KGLPJHEB_00134)
KGLPJHEB_00129
KGLPJHEB_00130
KGLPJHEB_00128
KGLPJHEB_00126
IMGPR_plasmid_3300053491_048806 113576:128000(-)
IGEIFECA_00060
IMGPR_plasmid_3300053491_049816 50375:63743(-)
IS256 family transposase ISEfa13 (MBNFBOID_00035)
MBNFBOID_00034
IS30 family transposase IS1252 (MBNFBOID_00037)
IMGPR_plasmid_3300053491_048807 30962:45744(+)
KGOHILLI_00043
IS256 family transposase ISEfa13 (KGOHILLI_00044)
IMGPR_plasmid_3300053491_050537 35141:49546(+)
HTH-type transcriptional repressor NagR (JAMJLKOM_00168)
JAMJLKOM_00173
IS30 family transposase IS1062 (JAMJLKOM_00175)
JAMJLKOM_00174
IMGPR_plasmid_3300053491_048805 157738:172382(+)
IS256 family transposase ISEfa13 (DLDBJGAA_00127)
DLDBJGAA_00123
DLDBJGAA_00126
DLDBJGAA_00128
DLDBJGAA_00134
IMGPR_plasmid_3300053491_050188 110203:126038(+)
LNBGNPLD_00196
LNBGNPLD_00194
LNBGNPLD_00201
LNBGNPLD_00195
IMGPR_plasmid_3300053491_048297 176381:191057(-)
7000 nt
Virulence