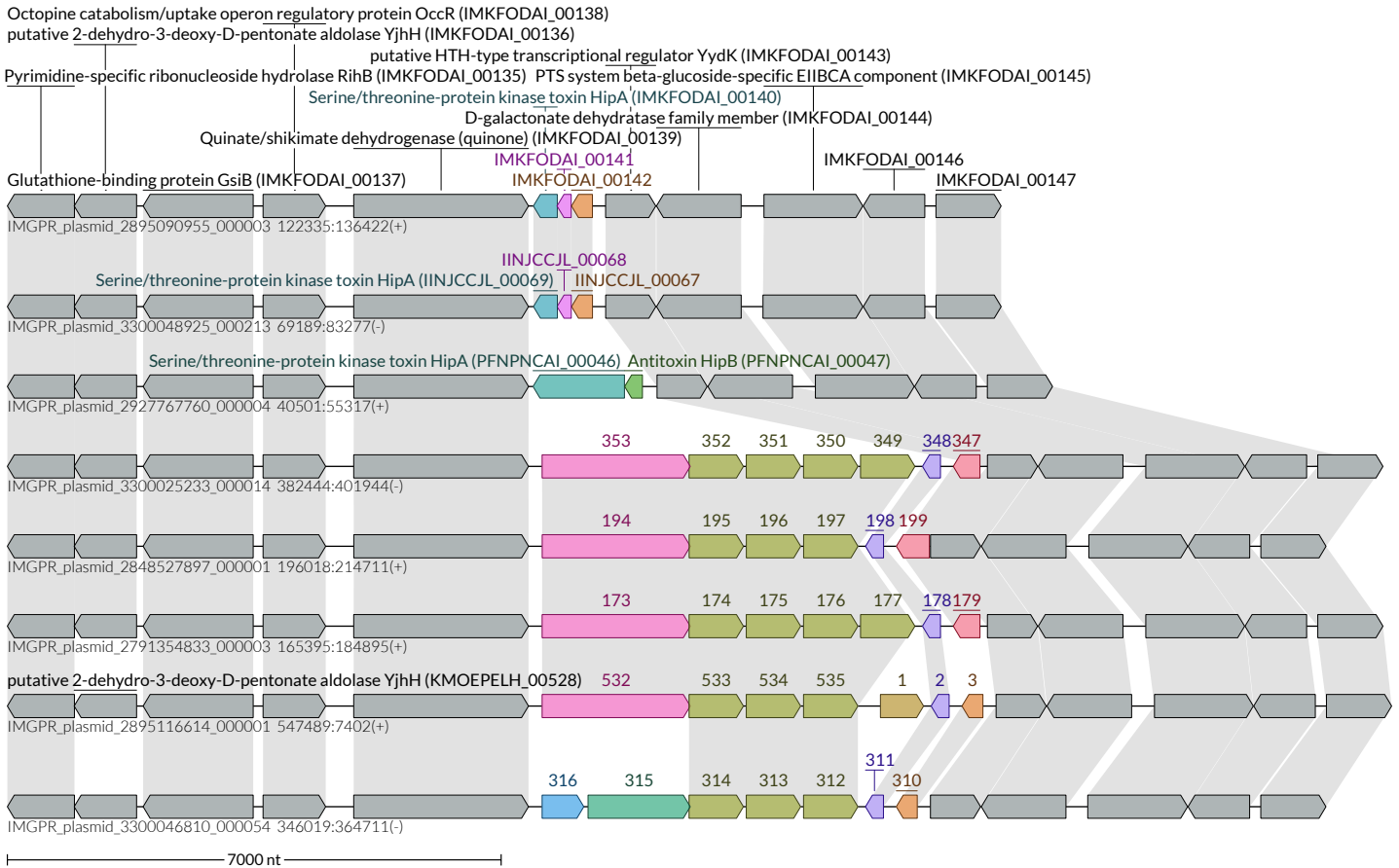
Octopine catabolism/uptake operon regulatory protein OccR (IMKFODAI_00138)
putative 2-dehydro-3-deoxy-D-pentonate aldolase YjhH (IMKFODAI_00136)
putative HTH-type transcriptional regulator YydK (IMKFODAI_00143)
Pyrimidine-specific ribonucleoside hydrolase RihB (IMKFODAI_00135)
PTS system beta-glucoside-specific EIIBCA component (IMKFODAI_00145)
Serine/threonine-protein kinase toxin HipA (IMKFODAI_00140)
D-galactonate dehydratase family member (IMKFODAI_00144)
Quinate/shikimate dehydrogenase (quinone) (IMKFODAI_00139)
IMKFODAI_00141
IMKFODAI_00146
Glutathione-binding protein GsiB (IMKFODAI_00137)
IMKFODAI_00142
IMKFODAI_00147
IMGPR_plasmid_2895090955_000003 122335:136422(+)
IINJCCJL_00068
Serine/threonine-protein kinase toxin HipA (IINJCCJL_00069)
IINJCCJL_00067
IMGPR_plasmid_3300048925_000213 69189:83277(-)
Serine/threonine-protein kinase toxin HipA (PFNPNCAI_00046)
Antitoxin HipB (PFNPNCAI_00047)
IMGPR_plasmid_2927767760_000004 40501:55317(+)
353 352 351 350 349 348 347
IMGPR_plasmid_3300025233_000014 382444:401944(-)
194 195 196 197 198 199
IMGPR_plasmid_2848527897_000001 196018:214711(+)
173 174 175 176 177 178 179
IMGPR_plasmid_2791354833_000003 165395:184895(+)
putative 2-dehydro-3-deoxy-D-pentonate aldolase YjhH (KMOEPELH_00528)
532 533 534 535 1 2 3
IMGPR_plasmid_2895116614_000001 547489:7402(+)
311
316 315 314 313 312 310
IMGPR_plasmid_3300046810_000054 346019:364711(-)
7000 nt