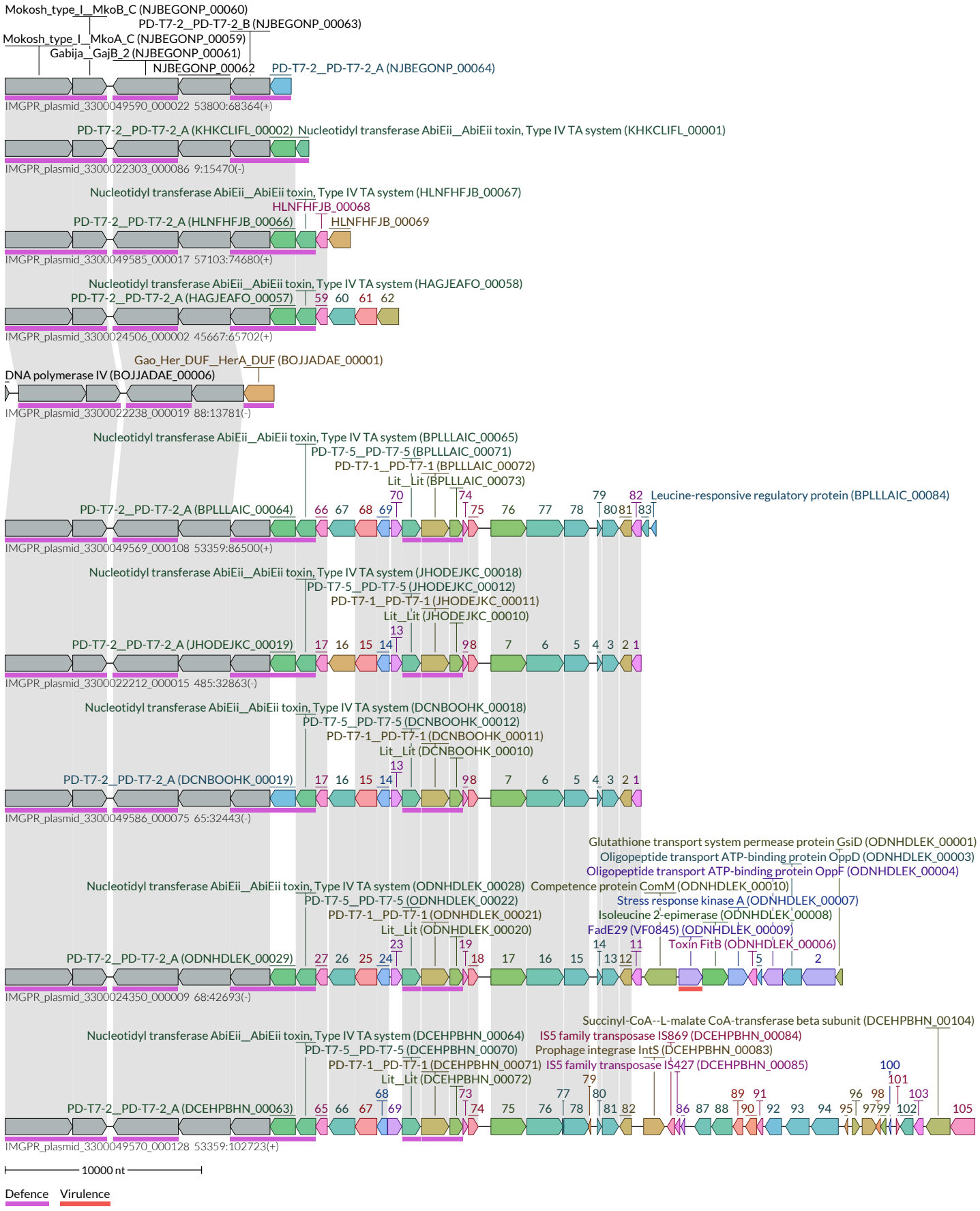
Mokosh_type_I__MkoB_C (NJBEGONP_00060)
PD-T7-2__PD-T7-2_B (NJBEGONP_00063)
Mokosh_type_I__MkoA_C (NJBEGONP_00059)
Gabija__GajB_2 (NJBEGONP_00061)
NJBEGONP_00062
PD-T7-2__PD-T7-2_A (NJBEGONP_00064)
IMGPR_plasmid_3300049590_000022 53800:68364(+)
PD-T7-2__PD-T7-2_A (KHKCLIFL_00002)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (KHKCLIFL_00001)
IMGPR_plasmid_3300022303_000086 9:15470(-)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (HLNFHFJB_00067)
HLNFHFJB_00068
PD-T7-2__PD-T7-2_A (HLNFHFJB_00066)
HLNFHFJB_00069
IMGPR_plasmid_3300049585_000017 57103:74680(+)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (HAGJEAFO_00058)
PD-T7-2__PD-T7-2_A (HAGJEAFO_00057)
59 60 61 62
IMGPR_plasmid_3300024506_000002 45667:65702(+)
Gao_Her_DUF__HerA_DUF (BOJJADAE_00001)
DNA polymerase IV (BOJJADAE_00006)
IMGPR_plasmid_3300022238_000019 88:13781(-)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (BPLLLAIC_00065)
PD-T7-5__PD-T7-5 (BPLLLAIC_00071)
PD-T7-1__PD-T7-1 (BPLLLAIC_00072)
Lit__Lit (BPLLLAIC_00073)
70 74 79 82
Leucine-responsive regulatory protein (BPLLLAIC_00084)
PD-T7-2__PD-T7-2_A (BPLLLAIC_00064)
66 67 68 69 75 76 77 78 80 81 83
IMGPR_plasmid_3300049569_000108 53359:86500(+)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (JHODEJKC_00018)
PD-T7-5__PD-T7-5 (JHODEJKC_00012)
PD-T7-1__PD-T7-1 (JHODEJKC_00011)
Lit__Lit (JHODEJKC_00010)
13
PD-T7-2__PD-T7-2_A (JHODEJKC_00019)
17 16 15 14 9 8 7 6 5 4 3 2 1
IMGPR_plasmid_3300022212_000015 485:32863(-)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (DCNBOOHK_00018)
PD-T7-5__PD-T7-5 (DCNBOOHK_00012)
PD-T7-1__PD-T7-1 (DCNBOOHK_00011)
Lit__Lit (DCNBOOHK_00010)
13
PD-T7-2__PD-T7-2_A (DCNBOOHK_00019)
17 16 15 14 9 8 7 6 5 4 3 2 1
IMGPR_plasmid_3300049586_000075 65:32443(-)
Glutathione transport system permease protein GsiD (ODNHDLEK_00001)
Oligopeptide transport ATP-binding protein OppD (ODNHDLEK_00003)
Oligopeptide transport ATP-binding protein OppF (ODNHDLEK_00004)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (ODNHDLEK_00028)
Competence protein ComM (ODNHDLEK_00010)
PD-T7-5__PD-T7-5 (ODNHDLEK_00022)
Stress response kinase A (ODNHDLEK_00007)
PD-T7-1__PD-T7-1 (ODNHDLEK_00021)
Isoleucine 2-epimerase (ODNHDLEK_00008)
Lit__Lit (ODNHDLEK_00020)
FadE29 (VF0845) (ODNHDLEK_00009)
23 19 14 11
Toxin FitB (ODNHDLEK_00006)
PD-T7-2__PD-T7-2_A (ODNHDLEK_00029)
27 26 25 24 18 17 16 15 13 12 5 2
IMGPR_plasmid_3300024350_000009 68:42693(-)
Succinyl-CoA--L-malate CoA-transferase beta subunit (DCEHPBHN_00104)
Nucleotidyl transferase AbiEii__AbiEii toxin, Type IV TA system (DCEHPBHN_00064)
IS5 family transposase IS869 (DCEHPBHN_00084)
PD-T7-5__PD-T7-5 (DCEHPBHN_00070)
Prophage integrase IntS (DCEHPBHN_00083)
PD-T7-1__PD-T7-1 (DCEHPBHN_00071)
IS5 family transposase IS427 (DCEHPBHN_00085)
Lit__Lit (DCEHPBHN_00072)
100 101 79 68 73 77 80 89 91 96 98 103
PD-T7-2__PD-T7-2_A (DCEHPBHN_00063)
65 66 67 69 74 75 76 78 81 82 86 87 88 90 92 93 94 95 97 99 102 105
IMGPR_plasmid_3300049570_000128 53359:102723(+)
10000 nt
Defence
Virulence