

Twitching mobility protein (OPDGKNOC_00002)

1 3 4 5 6
IMGPR_plasmid_3300030427_000101:547-5,953 (+)

131
IMGPR_plasmid_3300030112_000127:107,320-112,726 (-)

140
IMGPR_plasmid_2926726868_000002:113,713-119,372 (-)

1 2
IMGPR_plasmid_3300030426_000099:78-6,632 (+)

132 131
IMGPR_plasmid_2518645571_000001:109,490-116,527 (-)

retron_type_VI_hth_cluster2_1 (PBOEJLK_00094)
Tyrosine recombinase XerC (PBOEJLK_00093)

98 97 96 95 92 91
IMGPR_plasmid_3300021246_000004:71,332-85,606 (-)

Tyrosine recombinase XerC (OJLMIBIH_00047)
48 49
IMGPR_plasmid_3300021223_000015:37,370-51,644 (+)

Tyrosine recombinase XerC (OIIONNMG_00001)
163 162
IMGPR_plasmid_3300053491_061220:1-6,888 (-); 138,698-146,084 (-)

Tyrosine recombinase XerC (BJJLPGB_00012)
11 10 9
IMGPR_plasmid_3300030429_000132:3,626-16,548 (-)

116 115 114 113
IMGPR_plasmid_2718217881_000001:78,236-91,654 (-)

44 45 46 47
IMGPR_plasmid_2571042540_000005:38,095-51,514 (+)

146 144 143 142 141
IMGPR_plasmid_2571042674_000004:110,210-123,628 (-)

IS5 family transposase ISPre1 (MHAANFNH_00031)
32 33 34 35
IMGPR_plasmid_2925711178_000001:20,791-35,405 (+)

Tyrosine recombinase XerC (OOPAPFGA_00074)
Tyrosine recombinase XerC (OOPAPFGA_00073)
72 71 70 69 68 67 66 65 63 61
2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-acetyltransferase (OOPAPFGA_00062)
Tyrosine recombinase XerC (OOPAPFGA_00064)

79
IMGPR_plasmid_3300003176_000028:44,221-67,470 (-)

9000 nt

defence (PADLOC)