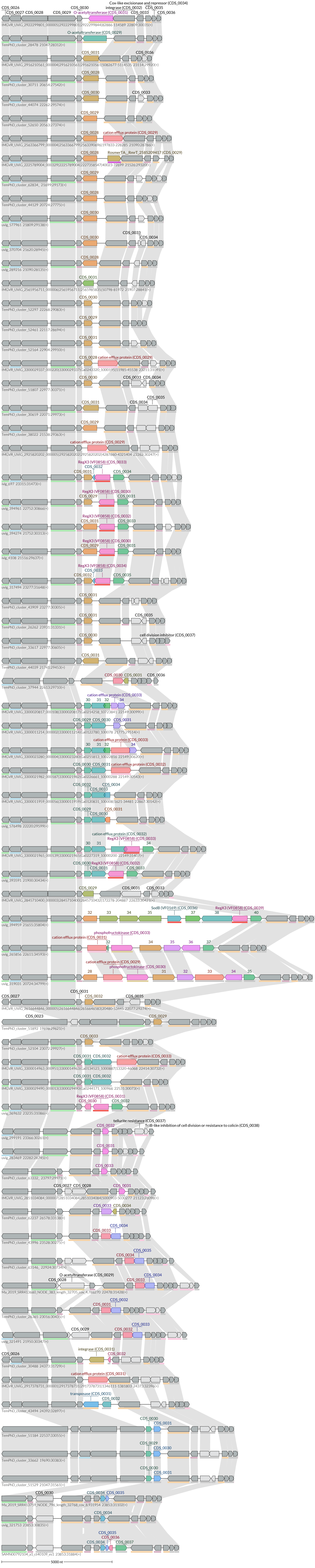
CDS_0026
CDS_0027
CDS_0028
CDS_0029
CDS_0030
O-acetyltransferase (CDS_0031)
integrase (CDS_0032)
Cox-like excisionase and repressor (CDS_0034)
CDS_0035
CDS_0033
CDS_0036
IMGVR_UViG_2922299801_000005|2922299801|2922299844|82886-114589 22809:30035(+)
O-acetyltransferase (CDS_0029)
TemPhD_cluster_28478 21047:28312(+)
CDS_0031
CDS_0036
IMGVR_UViG_2916210561_000004|2916210561|2916210561|5082677-5114535 23114:29920(+)
CDS_0028
TemPhD_cluster_30711 20654:27542(+)
CDS_0030
CDS_0033
TemPhD_cluster_44074 22262:29574(+)
CDS_0029
TemPhD_cluster_52650 20563:27374(+)
CDS_0028
cation efflux protein (CDS_0029)
IMGVR_UViG_2563366799_000004|2563366799|2563390696|197833-228285 21090:28786(+)
CDS_0028
RosmerTA_RmrT_2585209417 (CDS_0029)
IMGVR_UViG_2225789004_000329|2225789004|2227358547|40023-72699 21526:29320(+)
CDS_0029
TemPhD_cluster_62834_ 21699:29173(+)
CDS_0028
TemPhD_cluster_44129 20724:27775(+)
CDS_0030
uvig_577961 21809:29138(+)
CDS_0033
CDS_0030
CDS_0034
uvig_370704 21620:28945(+)
CDS_0028
uvig_289216 21090:28135(+)
CDS_0031
IMGVR_UViG_2565956711_000006|2565956711|2565985835|50798-81972 21907:28841(+)
CDS_0030
TemPhD_cluster_52297 22268:29083(+)
CDS_0029
TemPhD_cluster_52461 22117:28694(+)
CDS_0031
TemPhD_cluster_52164 22904:29910(+)
CDS_0028
cation efflux protein (CDS_0029)
IMGVR_UViG_3300029337_000220|3300029337|Ga0243320_1000195|11985-45538 23211:31091(+)
CDS_0030
CDS_0033
CDS_0034
TemPhD_cluster_51807 22977:30371(+)
CDS_0035
CDS_0031
CDS_0034
TemPhD_cluster_30659 22071:29973(+)
CDS_0029
TemPhD_cluster_38022 21538:29363(+)
cation efflux protein (CDS_0029)
IMGVR_UViG_2925820202_000005|2925820202|2925820202|4287860-4321404 22262:30247(+)
RegX3 (VF0858) (CDS_0033)
CDS_0032
CDS_0031
CDS_0034
ivig_697 23315:31473(+)
RegX3 (VF0858) (CDS_0030)
CDS_0029
CDS_0031
uvig_394961 22752:30866(+)
RegX3 (VF0858) (CDS_0032)
CDS_0031
CDS_0033
uvig_394274 21752:30313(+)
RegX3 (VF0858) (CDS_0030)
CDS_0029
CDS_0031
ivig_4108 21516:29637(+)
RegX3 (VF0858) (CDS_0034)
CDS_0033
CDS_0032
CDS_0035
uvig_317494 23277:31648(+)
CDS_0031
TemPhD_cluster_43909 23277:30305(+)
CDS_0031
CDS_0035
TemPhD_cluster_26262 23931:31331(+)
CDS_0030
cell division inhibitor (CDS_0037)
TemPhD_cluster_33617 22977:30605(+)
CDS_0031
TemPhD_cluster_44039 21741:29453(+)
CDS_0030
CDS_0031
CDS_0036
TemPhD_cluster_37944 22613:29710(+)
cation efflux protein (CDS_0033)
30
31
32
34
IMGVR_UViG_3300020817_000108|3300020817|Ga0214258_10723841 22149:30099(+)
CDS_0029
CDS_0030
CDS_0031
IMGVR_UViG_3300011214_000002|3300011214|Ga0122780_100078 21775:29514(+)
cation efflux protein (CDS_0033)
30
31
32
34
IMGVR_UViG_3300023280_000004|3300023280|Ga0255813_10022816 22149:30620(+)
CDS_0030
CDS_0031
cation efflux protein (CDS_0032)
IMGVR_UViG_3300021982_000187|3300021982|Ga0226661_10000288 22149:30543(+)
CDS_0032
CDS_0034
CDS_0033
IMGVR_UViG_3300011959_000056|3300011959|Ga0120831_100008|1621-34481 22867:30142(+)
CDS_0029
CDS_0031
CDS_0030
uvig_576498 22220:29599(+)
cation efflux protein (CDS_0032)
RegX3 (VF0858) (CDS_0033)
30
31
34
IMGVR_UViG_3300021965_000139|3300021965|Ga0227319_10000200 22149:31407(+)
CDS_0030
RegX3 (VF0858) (CDS_0032)
CDS_0031
CDS_0033
uvig_393591 21900:30434(+)
CDS_0029
CDS_0031
CDS_0033
IMGVR_UViG_2845710400_000003|2845710400|2845710432|172278-204887 22633:30421(+)
SodB (VF0169) (CDS_0036)
RegX3 (VF0858) (CDS_0039)
32
33
34
35
37
38
40
uvig_394959 21655:35804(+)
phosphofructokinase (CDS_0033)
cation efflux protein (CDS_0031)
32
34
35
36
37
uvig_265856 22611:34593(+)
cation efflux protein (CDS_0029)
phosphofructokinase (CDS_0030)
28
31
32
33
34
35
uvig_319031 20724:34799(+)
CDS_0031
CDS_0027
CDS_0032
CDS_0035
IMGVR_UViG_2616644846_000005|2616644846|2616646583|20480-53445 22077:29274(+)
CDS_0023
CDS_0029
TemPhD_cluster_51892 19898:29621(+)
CDS_0033
TemPhD_cluster_52104 23072:29927(+)
CDS_0031
CDS_0032
cation efflux protein (CDS_0033)
IMGVR_UViG_3300014963_000951|3300014963|Ga0134523_1000887|13320-46068 22414:30732(+)
CDS_0031
CDS_0032
IMGVR_UViG_3300029490_000013|3300029490|Ga0244171_100966 22531:30073(+)
RegX3 (VF0858) (CDS_0031)
CDS_0030
CDS_0032
uvig_369632 23235:31086(+)
tellurite resistance (CDS_0037)
CDS_0032
TciB-like inhibition of cell division or resistance to colicin (CDS_0038)
uvig_299191 23366:30261(+)
CDS_0031
uvig_283469 22282:28745(+)
CDS_0033
TemPhD_cluster_63332_ 23797:29971(+)
CDS_0027
CDS_0028
CDS_0031
IMGVR_UViG_2851034084_000007|2851034084|2851034084|5000903-5030277 21123:28098(+)
CDS_0033
CDS_0034
TemPhD_cluster_62237 26578:33138(+)
CDS_0034
CDS_0033
TemPhD_cluster_43996 23528:30275(+)
CDS_0035
CDS_0034
TemPhD_cluster_63146_ 22924:30734(+)
O-acetyltransferase (CDS_0029)
CDS_0028
CDS_0034
CDS_0033
Ma_2019_SRR413660_NODE_383_length_32705_cov_4.788270 22478:31428(+)
CDS_0032
CDS_0031
TemPhD_cluster_26365 23016:30435(+)
CDS_0033
CDS_0029
CDS_0032
uvig_321491 21950:30347(+)
integrase (CDS_0031)
CDS_0026
CDS_0032
TemPhD_cluster_30488 24373:31729(+)
cation efflux protein (CDS_0031)
IMGVR_UViG_2917378731_000001|2917378731|2917378731|1346111-1381803 24373:32396(+)
transposase (CDS_0031)
CDS_0032
TemPhD_cluster_43494 24392:32897(+)
CDS_0030
CDS_0031
TemPhD_cluster_51184 22537:33055(+)
CDS_0029
CDS_0030
TemPhD_cluster_33662 19690:30383(+)
CDS_0030
CDS_0031
TemPhD_cluster_51529 21047:31561(+)
CDS_0030
CDS_0034
CDS_0035
Ma_2019_SRR413759_NODE_796_length_32768_cov_8.931954 23853:31102(+)
CDS_0034
uvig_321753 23853:30835(+)
CDS_0035
CDS_0036
CDS_0034
CDS_0037
SAMN00792104_a1_ct40109_vs1 23853:31884(+)
5000 nt
connector
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence