Cox-like excisionase and repressor (CDS_0033)
cation efflux protein (CDS_0030)
CDS_0024
tail protein (CDS_0027)
transcriptional regulator (CDS_0032)
CDS_0025
CDS_0029
CDS_0034 CDS_0036
CDS_0026
CDS_0028
integrase (CDS_0031)
CDS_0035
IMGVR_UViG_2718218150_000007|2718218150|2718228702|5274273-5309395 23443:31557(+)
CDS_0028
TemPhD_cluster_37827_ 24748:31992(+)
RegX3 (VF0858) (CDS_0031)
CDS_0030
CDS_0032
uvig_316984 24497:32975(+)
CDS_0032
CDS_0035
TemPhD_cluster_51593 22970:30600(+)
CDS_0029
TemPhD_cluster_22015 24028:31124(+)
cation efflux protein (CDS_0029)
CDS_0028
CDS_0032
IMGVR_UViG_2907875362_000011|2907875362|2907875362|6113651-6147391 22061:30499(+)
CDS_0028
IMGVR_UViG_2645728064_000010|2645728064|2645779184|96630-129244 22061:29373(+)
CDS_0029
CDS_0032
CDS_0035
TemPhD_cluster_43675 23440:30854(+)
CDS_0032
TemPhD_cluster_62355 24651:31716(+)
CDS_0030
IMGVR_UViG_3300028954_000023|3300028954|Ga0169716_10014|17065-51330 23482:30701(+)
cation efflux protein (CDS_0031)
CDS_0032
CDS_0030
CDS_0033
SAMEA2580135_a1_ct2505_vs1 23482:33035(+)
CDS_0032
CDS_0029
CDS_0033
uvig_369854 24890:32624(+)
CDS_0030
TemPhD_cluster_37572_ 25810:33659(+)
CDS_0032
TemPhD_cluster_33477 24711:32131(+)
CDS_0028
CDS_0033
TemPhD_cluster_43858 22265:29670(+)
cell division inhibitor (CDS_0037)
CDS_0031
CDS_0032
CDS_0038
uvig_315002 22454:30565(+)
CDS_0030
TemPhD_cluster_37993 20955:28586(+)
CDS_0032
uvig_279192 24128:31012(+)
CDS_0031
IMGVR_UViG_3300007747_000153|3300007747|Ga0101111_1000158|33-34030 23579:30464(+)
CDS_0029
TemPhD_cluster_19025 23443:30518(+)
CDS_0031
CDS_0034 CDS_0035
TemPhD_cluster_37334_ 25799:33238(+)
CDS_0029
TemPhD_cluster_52352 21271:28374(+)
CDS_0030 CDS_0031
cation efflux protein (CDS_0032)
IMGVR_UViG_2718217964_000005|2718217964|2718228296|5237374-5273659 24261:33457(+)
CDS_0031 CDS_0032
cation efflux protein (CDS_0033)
IMGVR_UViG_2718217902_000005|2718217902|2718228175|5197179-5233289 24747:33440(+)
VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (CDS_0035)
phosphofructokinase (CDS_0032)
cation efflux protein (CDS_0031)
30
33
34
36
SAMN01041688_a1_ct1329_vs1 24497:36795(+)
tail length tape measure protein (CDS_0025)
CDS_0030
uvig_396872 20415:30310(+)
33
30 31 32
34
IMGVR_UViG_2767802181_000006|2767802181|2767829342|83515-119342 23489:32499(+)
36
31
32
33 34 35
37
43
IMGVR_UViG_2576861718_000003|2576861718|2576916456|779781-817621 25046:35550(+)
CDS_0031 CDS_0032
CDS_0035 CDS_0036
CDS_0042
TemPhD_cluster_43469 25030:33323(+)
CDS_0032 CDS_0033
TemPhD_cluster_62631_ 25120:32082(+)
CDS_0029
IMGVR_UViG_2548876535_000006|2548876535|2548889419|26218-58407 23442:29565(+)
CDS_0035
CDS_0036
TemPhD_cluster_50931 25472:34170(+)
CDS_0035
TemPhD_cluster_43552 24114:32387(+)
CDS_0032
uvig_67797 25216:32618(+)
CDS_0030
CDS_0029
CDS_0031
CDS_0035
IMGVR_UViG_2576861316_000002|2576861316|2576882668|44522-82690 28077:36964(+)
CDS_0032
TemPhD_cluster_51244 27557:34547(+)
CDS_0025
CDS_0033
IMGVR_UViG_2657245536_000011|2657245536|2657311396|42665-82523 29312:38091(+)
transcriptional regulator (CDS_0030)
IMGVR_UViG_3300029219_000013|3300029219|Ga0168709_100273 29311:36310(+)
30 31 32 33 34 35 36 37 38 39
IMGVR_UViG_3300012836_000031|3300012836|Ga0160505_100211 24057:39325(+)
29 30 31 32 33 34 35 36
SAMN01779882_a1_ct4346_vs1 25595:39500(+)
LPS (VF0466) (CDS_0031)
32 33 34 35
SAMN05827234_a1_ct1142_vs1 24643:37535(+)
CDS_0029 CDS_0031
CDS_0030 CDS_0032
IMGVR_UViG_2588254291_000001|2588254291|2588316788|1649506-1688857 25105:37002(+)
25 26 27 28 29
IMGVR_UViG_2788499887_000002|2788499887|2788515508|1069611-1103317 19460:31358(+)
31 32 33 34 35
SAMN06164453_a1_ct94764_vs1 25503:37900(+)
CDS_0032
CDS_0031
CDS_0030 CDS_0033
IMGVR_UViG_3300029181_000135|3300029181|Ga0167506_100124|23016-62288 25297:36924(+)
32
29 30 31 33
IMGVR_UViG_2850186833_000007|2850186833|2850186916|241872-279559 22948:34513(+)
CDS_0024
CDS_0023
CDS_0022 CDS_0025
IMGVR_UViG_3300011361_000037|3300011361|Ga0122089_100025|27628-62256 20725:32280(+)
34
31 32 33 35 39
IMGVR_UViG_3300013736_000013|3300013736|Ga0122755_100018|30898-69097 23850:35767(+)
CDS_0031
CDS_0030
CDS_0029 CDS_0032
IMGVR_UViG_2880021599_000006|2880021599|2880021599|1980239-2019340 24781:36673(+)
transcriptional regulator (CDS_0029)
CDS_0030
CDS_0031
CDS_0032
IMGVR_UViG_3300011201_000026|3300011201|Ga0122796_100040|6637-42845 22542:33859(+)
31 32 33 34 35 36
SAMN05827209_a1_ct1031_vs1 25921:38651(+)
34
31 32 33 35
IMGVR_UViG_2576861595_000001|2576861595|2576903060|963657-1003745 25921:37740(+)
CDS_0034
CDS_0036
CDS_0035 CDS_0037
IMGVR_UViG_2718217735_000007|2718217735|2718227861|3585584-3627332 27282:39400(+)
CDS_0031
CDS_0032
IMGVR_UViG_2916627578_000001|2916627578|2916627583|6-37458 24690:35020(+)
34
31 32 33 35
IMGVR_UViG_2854351940_000001|2854351940|2854351940|52566-90119 23789:35489(+)
CDS_0030
CDS_0029
CDS_0028 CDS_0031
CDS_0038
CDS_0037
IMGVR_UViG_3300030515_000143|3300030515|Ga0268254_10000021|169045-206899 23163:35784(+)
34
30 31 32 33 35
IMGVR_UViG_2841017058_000006|2841017058|2841017064|52074-90884 24597:36746(+)
CDS_0032 CDS_0034
CDS_0033 CDS_0035
IMGVR_UViG_2788499878_000003|2788499878|2788515376|1270827-1312004 27080:39114(+)
CDS_0031
CDS_0030
CDS_0029 CDS_0032
IMGVR_UViG_2854307081_000004|2854307081|2854307133|118799-157577 24798:36637(+)
CDS_0031
CDS_0030 CDS_0032
IMGVR_UViG_2808606811_000003|2808606811|2808653074|176490-213926 23305:35088(+)
CDS_0029
TemPhD_cluster_51217 23303:33532(+)
CDS_0028
CDS_0027 CDS_0029
TemPhD_cluster_51592 20085:30223(+)
transcriptional regulator (CDS_0025)
TemPhD_cluster_63310_ 19460:28879(+)
MsbB2 (VF0981) (CDS_0036)
32 33 34 35 37 38 39
Ma_2019_SRR413681_NODE_455_length_43544_cov_5.325278 23752:41194(+)
cation efflux protein (CDS_0031)
CDS_0029
CDS_0035
CDS_0025
CDS_0030
CDS_0034
CDS_0038
IMGVR_UViG_3300029706_000264|3300029706|Ga0245271_100033|134445-167489 21577:30335(+)
cation efflux protein (CDS_0031)
CDS_0030
CDS_0032
IMGVR_UViG_3300044549_000062|3300044549|Ga0455783_00477 21118:29367(+)
CDS_0031
cation efflux protein (CDS_0032)
IMGVR_UViG_3300000376_000005|3300000376|BMHB3_Entero_scaffsDRAFT_100006|38761-70800 21118:29099(+)
CDS_0031
cation efflux protein (CDS_0032)
IMGVR_UViG_2563366806_000002|2563366806|2563391256|55293-88103 21883:29870(+)
CDS_0030
uvig_418118 21364:27967(+)
CDS_0029
TemPhD_cluster_44231 20902:27683(+)
CDS_0030 CDS_0031
IMGVR_UViG_2938197763_000001|2938197763|2938197768 22104:29467(+)
CDS_0029 CDS_0030
TemPhD_cluster_63171_ 21401:28766(+)
CDS_0030 CDS_0031
CDS_0034
IMGVR_UViG_2851668853_000009|2851668853|2851668853|4342611-4374915 21163:29270(+)
phosphofructokinase (CDS_0031)
cation efflux protein (CDS_0030)
29
32
33
34
IMGVR_UViG_3300031370_000133|3300031370|Ga0302349_1000677 21180:33152(+)
tellurite resistance (CDS_0039)
CDS_0030
CDS_0033 CDS_0034
TciB-like inhibition of cell division or resistance to colicin (CDS_0040)
uvig_205656 22458:29927(+)
transcriptional regulator (CDS_0033)
TemPhD_cluster_37984 21744:29139(+)
CDS_0032
CDS_0034
Cox-like excisionase and repressor (CDS_0036)
CDS_0029 CDS_0030
CDS_0033
CDS_0035
IMGVR_UViG_2609459919_000002|2609459919|2609508370|150517-187652 23672:35068(+)
6000 nt
DNA, RNA and nucleotide metabolism
connector
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Virulence
AMR