integrase (CDS_0029)
tail protein (CDS_0027)
Cox-like excisionase and repressor (CDS_0033)
25 26 28 30 31 32 34 35 36 37 38 39 40 41 42
IMGVR_UViG_2907882344_000004|2907882344|2907882344|2445168-2480398 23822:33908(+)
CDS_0032 CDS_0033
IMGVR_UViG_3300014695_000007|3300014695|Ga0121387_100109 23985:33524(+)
Cox-like excisionase and repressor (CDS_0037)
CDS_0034 CDS_0036
CDS_0026 CDS_0031 CDS_0032 CDS_0035 CDS_0039
IMGVR_UViG_3300029151_000008|3300029151|Ga0120222_10002|260168-296063 23117:32349(+)
CDS_0032 CDS_0034
CDS_0033
Cox-like excisionase and repressor (CDS_0035)
IMGVR_UViG_3300029154_000011|3300029154|Ga0120231_10002|288426-322733 23471:31609(+)
transcriptional regulator (CDS_0031)
tail length tape measure protein (CDS_0023)
CDS_0028 CDS_0029 CDS_0032
uvig_211312 21786:31816(+)
CDS_0030
CDS_0029 CDS_0031
uvig_576209 23529:31397(+)
serine racemase VanT catalytic subunit (NF033131.1) (CDS_0031)
CDS_0032
CDS_0030 CDS_0033 CDS_0035
IMGVR_UViG_2671180372_000003|2671180372|2671218141|323347-359305 23492:31890(+)
serine racemase VanT catalytic subunit (NF033131.1) (CDS_0030)
CDS_0032
CDS_0029 CDS_0031
IMGVR_UViG_2907899210_000006|2907899210|2907899210|5053687-5089028 23186:31449(+)
serine racemase VanT catalytic subunit (NF033131.1) (CDS_0033)
30 31 32 34 35
uvig_578562 24209:35293(+)
CDS_0030 CDS_0032
CDS_0031
IMGVR_UViG_3300023290_000224|3300023290|Ga0256628_100001|134848-169949 24209:31266(+)
CDS_0031
CDS_0030 CDS_0032
uvig_577004 24502:32110(+)
CDS_0031
CDS_0030 CDS_0032
IMGVR_UViG_2901703486_000003|2901703486|2901703517|249141-284153 23841:31297(+)
CDS_0030
CDS_0029 CDS_0031
TemPhD_cluster_37728_ 23782:32382(+)
CDS_0032
CDS_0031 CDS_0033 CDS_0038
IMGVR_UViG_2791355394_000005|2791355394|2791395211|70189-106944 25401:32927(+)
CDS_0032
CDS_0031 CDS_0033
TemPhD_cluster_30512 23590:30802(+)
CDS_0031
IMGVR_UViG_2585427624_000006|2585427624|2585443466|3702459-3736245 23590:30267(+)
serine racemase VanT catalytic subunit (NF033131.1) (CDS_0033)
CDS_0034
CDS_0032 CDS_0035
IMGVR_UViG_2609459942_000005|2609459942|2609509278|249155-286753 25270:33880(+)
33 34 35 36 37 38 41 42
SAMEA2737832_a1_ct52136_vs1 25464:35719(+)
33 34 35 36 37 38
uvig_124858 25464:36191(+)
28 29 30 31 32
SAMEA2579907_a1_ct5534_vs1 23325:35254(+)
28 29 30 31 32
IMGVR_UViG_3300020816_000255|3300020816|Ga0214090_10198595 23325:35492(+)
FabG-like 3-oxoacyl-(acyl-carrier-protein) reductase (CDS_0034)
28 29 30 31 32 33 35 36
uvig_577735 23933:36928(+)
CDS_0029 CDS_0030
uvig_578336 23267:30587(+)
CDS_0029
CDS_0030
TemPhD_cluster_62312 23649:31175(+)
CDS_0034
TemPhD_cluster_33531 24890:32054(+)
CDS_0032
uvig_370079 23328:30897(+)
CDS_0032
TemPhD_cluster_62716_ 24544:31715(+)
CDS_0030
TemPhD_cluster_62947_ 22914:30079(+)
CDS_0032
TemPhD_cluster_43692 23537:31061(+)
CDS_0032
TemPhD_cluster_62560 24049:31264(+)
CDS_0029 CDS_0033
TemPhD_cluster_51838 23023:30703(+)
CDS_0031
IMGVR_UViG_2744054556_000005|2744054556|2744067062|262753-297196 24487:31288(+)
CDS_0031
CDS_0032
TemPhD_cluster_23817_ 25097:32350(+)
CDS_0031
IMGVR_UViG_2916621918_000004|2916621918|2916621918|3571738-3605934 24320:30949(+)
CDS_0032
IMGVR_UViG_2880004798_000001|2880004798|2880004798|1935774-1970346 25017:31644(+)
CDS_0030
IMGVR_UViG_2588254049_000002|2588254049|2588302492|163950-196885 23382:30264(+)
CDS_0029
CDS_0030
TemPhD_cluster_51501 23887:32052(+)
CDS_0030
CDS_0031
IMGVR_UViG_2778261116_000006|2778261116|2778281311|173449-207705 23201:31103(+)
CDS_0031
CDS_0032
IMGVR_UViG_2627853850_000001|2627853850|2627894238|968242-1004698 26981:34717(+)
CDS_0029
CDS_0030
IMGVR_UViG_2700989594_000002|2700989594|2701101476|35109-68943 23429:31164(+)
CDS_0030
CDS_0026 CDS_0027
CDS_0031
IMGVR_UViG_2576861241_000001|2576861241|2576878614|114573-148407 20351:31164(+)
5000 nt
DNA, RNA and nucleotide metabolism
connector
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
AMR