CDS_0044 CDS_0043 CDS_0040 CDS_0041 CDS_0042 CDS_0045 CDS_0046 transcriptional repressor (CDS_0048) CDS_0047 integrase (CDS_0049)
uvig_471723 21177:27681(+)
CDS_0047 CDS_0053 CDS_0048 CDS_0046 CDS_0045
uvig_239028 32899:39904(-)
CDS_0023 CDS_0025 CDS_0024 CDS_0022 CDS_0019 CDS_0018 CDS_0017
uvig_297917 15127:24349(-)
CDS_0005 CDS_0004 CDS_0001
uvig_125530 1:4960(-)
7 6 5 4 transposase (CDS_0003)
uvig_529810 4:7824(-)
CDS_0035 CDS_0040 CDS_0041
uvig_159714 18628:24600(+)
CDS_0030 CDS_0031 CDS_0029
uvig_469179 22941:29011(-)
transcriptional regulator (CDS_0028) CDS_0027 CDS_0029 CDS_0026 CDS_0021 CDS_0023 CDS_0022 CDS_0020
uvig_232472 16969:27253(-)
57 56 55 5453
uvig_248758 38695:45243(-)
transcriptional regulator (CDS_0047) CDS_0046 CDS_0048 CDS_0045
uvig_471613 35723:42152(-)
41 4243 44 45
uvig_391344 19668:25627(+)
CDS_0004 CDS_0002 CDS_0003 CDS_0001
uvig_283808 2:6561(-)
CDS_0004 CDS_0002 CDS_0003 CDS_0001
uvig_49534 2:6644(-)
CDS_0042 integrase (CDS_0044)
uvig_43818 18048:22630(+)
CDS_0045 CDS_0043 CDS_0051 CDS_0044 CDS_0042
uvig_260148 30220:36843(-)
45 44 43 42 41
IMGVR_UViG_3300023496_000281|3300023496|Ga0257043_100281|81-60087 30807:37936(-)
CDS_0006 CDS_0004 CDS_0005 CDS_0003
uvig_235616 50:6999(-)
CDS_0043 CDS_0041 CDS_0042 CDS_0040 hemolysin (CDS_0033) CDS_0034 CDS_0037 CDS_0036 CDS_0035 CDS_0032
uvig_311462 24838:35252(-)
CDS_0050 CDS_0048 CDS_0049
uvig_439127 36086:42549(-)
CDS_0043 CDS_0041 CDS_0042 CDS_0040
uvig_243247 31925:38766(-)
CDS_0056 CDS_0054 CDS_0055 CDS_0053
uvig_241432 46655:53657(-)
CDS_0044 CDS_0043
MGV-GENOME-0327406 29322:35343(-)
CDS_0031 CDS_0029 CDS_0030 CDS_0026 CDS_0024 CDS_0025 tail protein (CDS_0023)
MGV-GENOME-0307687 18860:27218(-)
CDS_0041 CDS_0039 CDS_0040 CDS_0036 CDS_0031
uvig_126901 24409:35449(-)
CDS_0041 CDS_0040 CDS_0037 CDS_0036
uvig_236932 24838:35061(-)
CDS_0042 CDS_0040 CDS_0041 transcriptional regulator (CDS_0037) CDS_0036 transposase (CDS_0035) CDS_0034 CDS_0033
IMGVR_UViG_3300045988_085776|3300045988|Ga0495776_150382 24838:34812(-)
kinase (CDS_0041) CDS_0042 CDS_0040
IMGVR_UViG_3300045988_082056|3300045988|Ga0495776_026804 24839:34425(-)
kinase (CDS_0041) 4342 40 39 38 36 35 30
MGV-GENOME-0344151 24249:31540(-)
kinase (CDS_0038) 41 40 39 37
IMGVR_UViG_3300045988_087614|3300045988|Ga0495776_158284 24196:32177(-)
CDS_0041 CDS_0039 CDS_0040 CDS_0038
uvig_223671 24249:31996(-)
CDS_0004 CDS_0005 CDS_0003
uvig_133930 3:5431(-)
CDS_0051 CDS_0049 CDS_0050 CDS_0048
uvig_312769 31243:37258(-)
kinase (CDS_0050) 5251 49 48 47
uvig_287096 40639:47269(-)
transcriptional regulator (CDS_0044) CDS_0043 CDS_0045 CDS_0042
uvig_249106 31657:38075(-)
43 42 41 40 39 38 tetracycline efflux MFS transporter TetA(P) (NF000043.1) (CDS_0035) 34
uvig_402040 24202:35449(-)
41 40 39 38 37 36
MGV-GENOME-0329448 24202:32257(-)
45 44 43 42 41
IMGVR_UViG_3300029719_000116|3300029719|Ga0245179_1000668 30091:36700(-)
53 52 51 50 49
uvig_287400 38753:45838(-)
4847 46 45 44
uvig_147607 34450:41087(-)
CDS_0004 CDS_0003
uvig_134632 50:5403(-)
CDS_0032 CDS_0031 CDS_0030 CDS_0027 CDS_0026
IMGVR_UViG_3300045988_078547|3300045988|Ga0495776_169401 20148:28216(-)
4039 38 37 36 33
MGV-GENOME-0320275 24201:32067(-)
4039 38 37 36
IMGVR_UViG_3300045988_074679|3300045988|Ga0495776_174554 24201:32506(-)
CDS_0038 CDS_0037 CDS_0036
IMGVR_UViG_3300045988_084816|3300045988|Ga0495776_164280 24246:32114(-)
CDS_0039 CDS_0037 CDS_0038 CDS_0036
IMGVR_UViG_3300029550_000163|3300029550|Ga0245019_100020|71894-126882 24250:32386(-)
CDS_0037 CDS_0036
MGV-GENOME-0328308 24249:31669(-)
40 39 38 37 36 33
IMGVR_UViG_3300045988_056356|3300045988|Ga0495776_113334 24250:32706(-)
CDS_0040 CDS_0038 CDS_0039 CDS_0037 CDS_0034
IMGVR_UViG_3300045988_093032|3300045988|Ga0495776_150017 24249:33705(-)
CDS_0039 CDS_0037 CDS_0038
MGV-GENOME-0322732 24249:32796(-)
CDS_0040 CDS_0038 CDS_0039 CDS_0037
IMGVR_UViG_3300045988_065461|3300045988|Ga0495776_130343 24249:32815(-)
41 40 39 38 37
MGV-GENOME-0323423 24250:33126(-)
CDS_0038 CDS_0039 CDS_0037 CDS_0034
IMGVR_UViG_3300029120_000362|3300029120|Ga0168814_100274|1-55463 24249:32562(-)
CDS_0037 CDS_0038 CDS_0036
uvig_142848 24249:32076(-)
CDS_0039 CDS_0037 CDS_0038 CDS_0036
MGV-GENOME-0322242 24250:32513(-)
CDS_0038 CDS_0039 CDS_0037 CDS_0036
IMGVR_UViG_3300045988_077479|3300045988|Ga0495776_026714 24249:32897(-)
transcriptional regulator (CDS_0039) CDS_0038 CDS_0040 CDS_0037
SRS144183_a1_ct39376_vs01 24249:33441(-)
CDS_0039 CDS_0040 CDS_0038 CDS_0037
MGV-GENOME-0335053 24249:33482(-)
transcriptional regulator (CDS_0040) 41 3938 37 36
IMGVR_UViG_3300045988_072660|3300045988|Ga0495776_005486 24250:32746(-)
transcriptional regulator (CDS_0038) CDS_0037 CDS_0039 CDS_0036
MGV-GENOME-0320069 24250:32157(-)
transcriptional regulator (CDS_0038) CDS_0037 CDS_0039 CDS_0036
IMGVR_UViG_3300029566_000022|3300029566|Ga0244934_100353 24249:32575(-)
40 3938 37 36
uvig_320179 23266:30940(-)
transcriptional regulator (CDS_0042) 43 4140 39
uvig_439303 24413:34608(-)
43 42 41 4039
IMGVR_UViG_3300029577_000017|3300029577|Ga0244883_100635 24413:34070(-)
41 40 3938 37
IMGVR_UViG_3300045988_053345|3300045988|Ga0495776_152044 24250:32882(-)
CDS_0039 CDS_0038 CDS_0040 CDS_0037
MGV-GENOME-0321579 24249:32355(-)
CDS_0039 CDS_0038 CDS_0040 CDS_0037
IMGVR_UViG_3300045988_078938|3300045988|Ga0495776_095564 24249:32630(-)
CDS_0040 CDS_0038 CDS_0039 CDS_0037
MGV-GENOME-0321611 24338:32786(-)
kinase (CDS_0039) 42 41 40 38 3736
uvig_179449 24249:32879(-)
kinase (CDS_0038) 41 40 39 37 3635
MGV-GENOME-0322039 24249:32824(-)
39 38 37 3635
uvig_270991 24201:31953(-)
51 50 49 4847
uvig_272664 37705:44337(-)
kinase (CDS_0040) 43 42 41 39 3837
IMGVR_UViG_3300023545_000007|3300023545|Ga0257041_100372 24249:33483(-)
CDS_0040 CDS_0038 CDS_0039 CDS_0037
IMGVR_UViG_3300045988_100674|3300045988|Ga0495776_130516 24250:32925(-)
CDS_0040 CDS_0038 CDS_0039CDS_0037
MGV-GENOME-4426391 24249:32526(-)
CDS_0039 CDS_0040 CDS_0038 CDS_0037
OTU_967 24201:33060(-)
kinase (CDS_0039) CDS_0038 CDS_0040 CDS_0037
IMGVR_UViG_3300045988_068916|3300045988|Ga0495776_183600 24250:32653(-)
kinase (CDS_0040) CDS_0039 CDS_0041 CDS_0038 CDS_0035
MGV-GENOME-0326453 24249:32928(-)
4000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
other
tail
transcription regulation
unknown function
AMR