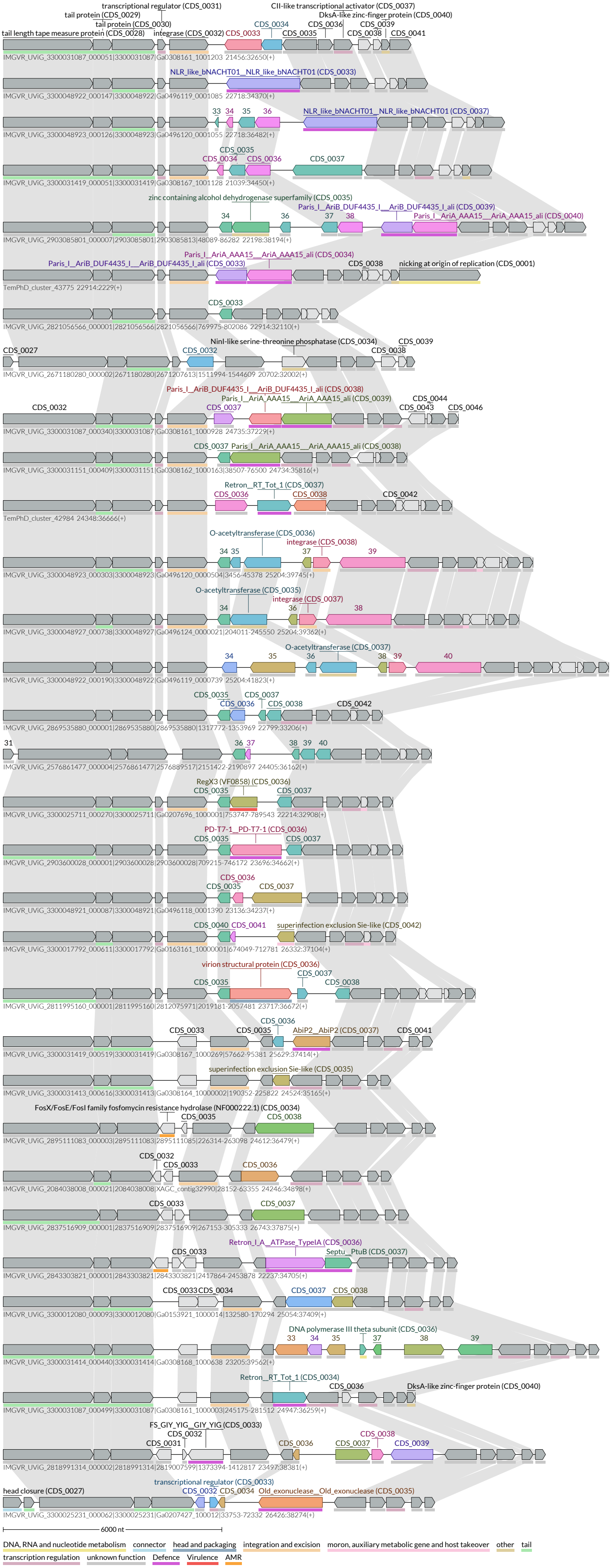
transcriptional regulator (CDS_0031)
tail protein (CDS_0029)
tail protein (CDS_0030)
tail length tape measure protein (CDS_0028)
integrase (CDS_0032)
CDS_0033
CDS_0034
CDS_0035
CII-like transcriptional activator (CDS_0037)
CDS_0036
DksA-like zinc-finger protein (CDS_0040)
CDS_0039
CDS_0038
CDS_0041
IMGVR_UViG_3300031087_000051|3300031087|Ga0308161_1001203 21456:32650(+)
NLR_like_bNACHT01__NLR_like_bNACHT01 (CDS_0033)
IMGVR_UViG_3300048922_000147|3300048922|Ga0496119_0001085 22718:34370(+)
33 34 35 36
NLR_like_bNACHT01__NLR_like_bNACHT01 (CDS_0037)
IMGVR_UViG_3300048923_000126|3300048923|Ga0496120_0001055 22718:36482(+)
CDS_0035
CDS_0034
CDS_0036
CDS_0037
IMGVR_UViG_3300031419_000051|3300031419|Ga0308167_1001128 21039:34450(+)
zinc containing alcohol dehydrogenase superfamily (CDS_0035)
Paris_I__AriB_DUF4435_I__AriB_DUF4435_I_ali (CDS_0039)
34
36
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Paris_I__AriA_AAA15__AriA_AAA15_ali (CDS_0040)
IMGVR_UViG_2903085801_000007|2903085801|2903085813|48089-86282 22198:38194(+)
Paris_I__AriA_AAA15__AriA_AAA15_ali (CDS_0034)
Paris_I__AriB_DUF4435_I__AriB_DUF4435_I_ali (CDS_0033)
CDS_0038
nicking at origin of replication (CDS_0001)
TemPhD_cluster_43775 22914:2229(+)
CDS_0033
IMGVR_UViG_2821056566_000001|2821056566|2821056566|769975-802086 22914:32110(+)
NinI-like serine-threonine phosphatase (CDS_0034)
CDS_0039
CDS_0027
CDS_0032
CDS_0038
IMGVR_UViG_2671180280_000002|2671180280|2671207613|1511994-1544609 20702:32002(+)
Paris_I__AriB_DUF4435_I__AriB_DUF4435_I_ali (CDS_0038)
Paris_I__AriA_AAA15__AriA_AAA15_ali (CDS_0039)
CDS_0044
CDS_0032
CDS_0037
CDS_0043
CDS_0046
IMGVR_UViG_3300031087_000340|3300031087|Ga0308161_1000928 24735:37229(+)
CDS_0037 Paris_I__AriA_AAA15__AriA_AAA15_ali (CDS_0038)
IMGVR_UViG_3300031151_000409|3300031151|Ga0308162_1000163|38507-76500 24734:35816(+)
Retron__RT_Tot_1 (CDS_0037)
CDS_0036
CDS_0038
CDS_0042
TemPhD_cluster_42984 24348:36666(+)
O-acetyltransferase (CDS_0036)
integrase (CDS_0038)
34 35
37
39
IMGVR_UViG_3300048923_000303|3300048923|Ga0496120_0000504|3456-45378 25204:39745(+)
O-acetyltransferase (CDS_0035)
integrase (CDS_0037)
34
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IMGVR_UViG_3300048927_000738|3300048927|Ga0496124_0000021|204011-245550 25204:39362(+)
O-acetyltransferase (CDS_0037)
34
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IMGVR_UViG_3300048922_000190|3300048922|Ga0496119_0000739 25204:41823(+)
CDS_0035
CDS_0037
CDS_0036
CDS_0038
CDS_0042
IMGVR_UViG_2869535880_000001|2869535880|2869535880|1317772-1353969 22799:33206(+)
31
36 37
38 39 40
IMGVR_UViG_2576861477_000004|2576861477|2576889517|2151422-2190897 24405:36162(+)
RegX3 (VF0858) (CDS_0036)
CDS_0035
CDS_0037
IMGVR_UViG_3300025711_000270|3300025711|Ga0207696_1000001|753747-789543 22214:32908(+)
PD-T7-1__PD-T7-1 (CDS_0036)
CDS_0035
CDS_0037
IMGVR_UViG_2903600028_000001|2903600028|2903600028|709215-746172 23696:34662(+)
CDS_0036
CDS_0035
CDS_0037
IMGVR_UViG_3300048921_000087|3300048921|Ga0496118_0001390 23136:34237(+)
CDS_0040 CDS_0041
superinfection exclusion Sie-like (CDS_0042)
IMGVR_UViG_3300017792_000611|3300017792|Ga0163161_10000001|674049-712781 26332:37104(+)
virion structural protein (CDS_0036)
CDS_0037
CDS_0035
CDS_0038
IMGVR_UViG_2811995160_000001|2811995160|2812075971|2019181-2057481 23717:36672(+)
CDS_0036
CDS_0033
CDS_0035
AbiP2__AbiP2 (CDS_0037)
CDS_0041
IMGVR_UViG_3300031419_000519|3300031419|Ga0308167_1000269|57662-95381 25629:37414(+)
superinfection exclusion Sie-like (CDS_0035)
IMGVR_UViG_3300031413_000616|3300031413|Ga0308164_10000002|190352-225822 24524:35165(+)
FosX/FosE/FosI family fosfomycin resistance hydrolase (NF000222.1) (CDS_0034)
CDS_0035
CDS_0038
IMGVR_UViG_2895111083_000003|2895111083|2895111085|226314-263098 24612:36479(+)
CDS_0032
CDS_0033
CDS_0036
IMGVR_UViG_2084038008_000021|2084038008|XAGC_contig32990|28152-63355 24246:34898(+)
CDS_0033
CDS_0037
IMGVR_UViG_2837516909_000001|2837516909|2837516909|267153-305333 26743:37875(+)
Retron_I_A__ATPase_TypeIA (CDS_0036)
CDS_0033
Septu__PtuB (CDS_0037)
IMGVR_UViG_2843303821_000001|2843303821|2843303821|2417864-2453878 22237:34705(+)
CDS_0033 CDS_0034
CDS_0037
CDS_0038
IMGVR_UViG_3300012080_000093|3300012080|Ga0153921_1000014|132580-170294 25054:37409(+)
DNA polymerase III theta subunit (CDS_0036)
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IMGVR_UViG_3300031414_000440|3300031414|Ga0308168_1000638 23205:39562(+)
Retron__RT_Tot_1 (CDS_0034)
CDS_0036
DksA-like zinc-finger protein (CDS_0040)
IMGVR_UViG_3300031087_000499|3300031087|Ga0308161_1000003|245175-281512 24947:36259(+)
FS_GIY_YIG__GIY_YIG (CDS_0033)
CDS_0032
CDS_0031
CDS_0038
CDS_0036
CDS_0037
CDS_0039
IMGVR_UViG_2818991314_000002|2818991314|2819007599|1373394-1412817 23497:38381(+)
transcriptional regulator (CDS_0033)
head closure (CDS_0027)
CDS_0032 CDS_0034
Old_exonuclease__Old_exonuclease (CDS_0035)
IMGVR_UViG_3300025231_000062|3300025231|Ga0207427_100012|33753-72332 26426:38274(+)
6000 nt
DNA, RNA and nucleotide metabolism
connector
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence
AMR