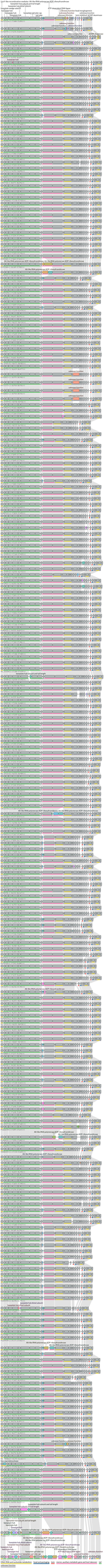

UvsY-like recombination mediator
Alt-like RNA polymerase ADP-ribosyltransferase
baseplate hub subunit and tail length
baseplate hub distal subunit
baseplate wedge subunit
baseplate hub
baseplate hub
baseplate hub
baseplate tail tube cap
tail tube
ATP-dependent DNA ligase
unknown function
head morphogenesis
unknown function
unknown function
unknown function
lysis inhibition
dCMP deaminase
MZ375356.1: 17,688-35,806 (+)
unknown function
unknown function
unknown function
OL964745.1: 17,676-35,810 (+)
unknown function
dCMP deaminase
ON871820.1: 17,553-37,374 (+)
NC_019399.1: 18,244-36,507 (+)
OQ599309.1: 16,930-36,757 (+)
PX097022.1: 16,935-36,699 (+)
baseplate hub
PV102577.1: 16,936-37,021 (+)
PV390659.2: 16,936-36,972 (+)
NC_054939.1: 16,934-36,667 (+)
OR999189.1: 18,204-38,050 (+)
PQ303785.1: 17,542-37,398 (+)
NC_027349.1: 16,939-36,694 (+)
KR233165.1: 16,939-36,694 (+)
PQ642267.1: 18,208-37,877 (+)
MW749001.1: 18,501-38,214 (+)
MZ170040.1: 18,426-36,738 (+)
NC_041919.1: 17,871-37,688 (+)
OP978391.1: 17,871-37,688 (+)
OK275722.1: 17,871-37,688 (+)
MT515754.1: 17,216-37,035 (+)
PQ642264.1: 17,960-37,689 (+)
PQ642263.1: 17,960-37,689 (+)
PQ553088.1: 17,960-37,689 (+)
OQ067376.1: 17,225-37,211 (+)
OK274152.1: 16,931-36,896 (+)
MT828552.1: 17,219-37,208 (+)
LR877332.1: 18,471-38,296 (+)
MT526905.1: 17,219-37,033 (+)
MT515752.1: 17,219-37,033 (+)
OW536688.1: 17,518-37,333 (+)
PP418987.1: 17,224-37,219 (+)
MZ234043.1: 17,219-37,189 (+)
MZ234051.1: 17,218-37,202 (+)
MZ234042.1: 17,218-37,202 (+)
MZ234052.1: 17,219-37,195 (+)
PP418986.1: 17,224-37,194 (+)
MZ501089.1: 17,841-37,721 (+)
OQ067375.1: 17,219-37,175 (+)
MT515756.1: 17,225-37,196 (+)
PP925831.1: 17,863-37,832 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
Alt-like RNA polymerase ADP-ribosyltransferase
PP925844.1: 18,189-37,982 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
OL870317.1: 18,180-38,146 (+)
OZ034685.1: 16,931-34,844 (+)
NC_055724.1: 16,942-36,911 (+)
PQ493298.1: 17,230-36,984 (+)
PV806336.1: 17,854-37,726 (+)
PQ863253.1: 17,849-37,661 (+)
NC_055723.1: 17,219-35,474 (+)
PX104380.1: 18,647-38,501 (+)
NC_054909.1: 18,257-38,114 (+)
OZ034683.1: 18,192-38,084 (+)
NC_055831.1: 17,645-37,500 (+)
PV857777.1: 17,662-37,525 (+)
PX104389.1: 17,553-37,266 (+)
OR958571.1: 17,413-37,245 (+)
PP942088.1: 16,662-36,635 (+)
NC_054919.1: 18,471-38,283 (+)
unknown function
MK327937.1: 18,659-38,477 (+)
unknown function
MT828553.1: 18,970-38,948 (+)
unknown function
MT515751.1: 18,958-38,936 (+)
unknown function
MT828551.1: 18,958-38,936 (+)
NC_054944.1: 18,958-38,936 (+)
OR539219.1: 19,165-38,895 (+)
OP557970.1: 17,564-37,420 (+)
OR584013.1: 17,564-37,547 (+)
NC_025449.1: 18,919-36,742 (+)
ON506924.1: 18,919-36,742 (+)
OY720021.1: 17,234-37,134 (+)
OZ034682.1: 17,555-35,767 (+)
NC_042130.1: 17,849-37,726 (+)
LN881734.1: 17,849-37,726 (+)
LN881737.1: 17,849-37,726 (+)
NC_028977.1: 17,976-37,853 (+)
MZ501065.1: 17,546-37,433 (+)
PP925839.1: 17,219-37,044 (+)
PQ438391.1: 17,860-35,872 (+)
MW749001.1: 17,871-37,774 (+)
OK272484.1: 17,218-36,950 (+)
MZ436830.1: 17,233-37,003 (+)
OZ035850.1: 16,940-36,839 (+)
MN895435.1: 17,834-37,690 (+)
PP925840.1: 17,233-36,955 (+)
NC_054934.1: 17,219-37,045 (+)
MN895436.1: 17,219-37,099 (+)
MN781580.1: 17,875-37,776 (+)
NC_028780.1: 17,557-37,427 (+)
OL615012.1: 17,222-37,103 (+)
NC_054905.1: 17,564-37,420 (+)
PX104379.1: 17,219-37,093 (+)
OR062944.1: 16,931-37,150 (+)
NC_054932.1: 16,931-36,753 (+)
NC_054922.1: 16,940-34,692 (+)
OR539217.1: 16,931-36,780 (+)
PX741046.1: 17,223-37,341 (+)
MZ501046.1: 17,845-37,719 (+)
OZ034686.1: 17,234-37,157 (+)
MT373786.1: 17,587-37,481 (+)
MZ501066.1: 17,836-37,699 (+)
PQ657784.1: 17,835-37,843 (+)
NC_055780.1: 17,566-37,428 (+)
PV806335.1: 16,931-36,813 (+)
OQ466432.1: 17,597-37,425 (+)
OR352952.1: 17,584-37,486 (+)
NC_054906.1: 17,762-37,474 (+)
NC_042039.1: 17,586-37,484 (+)
NC_054907.1: 17,668-37,566 (+)
OK274273.1: 16,942-36,796 (+)
NC_031085.1: 17,584-37,439 (+)
baseplate hub subunit and tail length
NC_054903.1: 16,934-37,242 (+)
MZ501067.1: 16,930-36,792 (+)
OY720014.1: 17,237-37,199 (+)
LR990704.1: 16,939-36,670 (+)
NC_042078.1: 17,046-36,884 (+)
MK962755.1: 16,931-36,887 (+)
NC_054942.1: 17,049-36,872 (+)
NC_054899.1: 17,547-37,421 (+)
OR062946.1: 17,521-37,391 (+)
NC_025448.1: 17,325-37,183 (+)
NC_054927.1: 16,940-36,723 (+)
OL956808.1: 17,593-37,448 (+)
NC_054902.1: 18,194-38,051 (+)
NC_054933.1: 16,931-36,799 (+)
PX842581.1: 17,212-37,224 (+)
PP526941.1: 17,844-37,591 (+)
NC_031103.1: 16,931-36,484 (+)
NC_054938.1: 17,835-37,691 (+)
PX516694.1: 17,544-37,023 (+)
MZ501052.1: 18,386-38,242 (+)
PX741047.1: 17,031-36,894 (+)
OR539220.1: 17,649-37,505 (+)
OR525702.1: 17,364-37,263 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
Alt-like RNA polymerase ADP-ribosyltransferase
PX512588.1: 17,577-37,411 (+)
NC_054917.1: 16,966-36,798 (+)
PV173775.1: 17,258-36,991 (+)
OZ346210.1: 17,567-37,369 (+)
LN881733.1: 17,804-36,115 (+)
NC_042129.1: 17,804-36,115 (+)
NC_028448.1: 17,804-36,115 (+)
OZ035849.1: 17,234-35,544 (+)
MZ501098.1: 17,227-37,137 (+)
NC_054924.1: 16,949-35,261 (+)
MT968995.1: 17,571-37,378 (+)
OZ035785.1: 18,306-38,119 (+)
MW822007.1: 17,912-37,919 (+)
PP400785.1: 18,354-38,167 (+)
NC_008515.1: 16,936-36,666 (+)
KM607001.1: 16,935-36,665 (+)
MT932213.1: 18,572-38,482 (+)
PQ571308.1: 17,577-37,609 (+)
MT682709.1: 17,224-35,544 (+)
PV287714.1: 17,508-35,595 (+)
OP870144.1: 17,546-35,834 (+)
OZ035784.1: 17,229-37,085 (+)
MK327928.1: 18,480-38,277 (+)
OZ317122.1: 18,183-38,017 (+)
PV654517.1: 17,567-37,579 (+)
PV295203.1: 17,943-36,885 (+)
PV368562.1: 17,957-36,901 (+)
PV295201.1: 17,659-36,600 (+)
NC_030953.1: 17,957-37,930 (+)
OR352951.1: 18,236-35,785 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
MK327944.1: 19,272-37,444 (+)
KM606995.1: 18,201-38,058 (+)
KM606997.1: 18,201-38,058 (+)
KM606996.1: 18,201-38,058 (+)
KM606998.1: 18,201-38,058 (+)
NC_025419.1: 18,201-38,058 (+)
KM606999.1: 18,201-38,058 (+)
OR887633.1: 18,569-38,401 (+)
NC_054916.1: 18,867-38,764 (+)
NC_024125.2: 17,005-35,163 (+)
PP328843.1: 17,217-35,336 (+)
ON210139.1: 17,836-35,992 (+)
PP400789.1: 18,283-38,186 (+)
PP400788.1: 18,283-38,186 (+)
PQ471460.1: 18,514-38,246 (+)
NC_054943.1: 17,544-35,811 (+)
MH550421.1: 19,618-39,505 (+)
NC_054907.1: 19,619-39,506 (+)
PQ871103.1: 18,206-37,809 (+)
PP400787.1: 17,648-35,840 (+)
PP400790.1: 17,648-35,840 (+)
NC_027404.1: 19,894-37,725 (+)
NC_055713.1: 17,893-37,681 (+)
PQ666540.1: 17,891-37,655 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
Alt-like RNA polymerase ADP-ribosyltransferase
PQ666541.1: 17,896-37,682 (+)
PQ356294.1: 17,956-37,679 (+)
MW822011.1: 17,550-35,845 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
PV245934.1: 17,681-35,569 (+)
PX596622.1: 17,587-37,541 (+)
MZ189262.1: 18,604-38,298 (+)
PX645529.1: 17,915-37,647 (+)
OM135583.1: 17,605-37,340 (+)
PP738980.1: 17,576-37,302 (+)
OP172784.1: 17,584-37,388 (+)
OP172786.1: 17,584-37,388 (+)
PP216085.1: 17,269-36,982 (+)
PQ352352.2: 17,825-36,091 (+)
MZ501106.1: 17,659-37,529 (+)
NC_031011.1: 17,683-37,657 (+)
PX574388.1: 18,589-36,396 (+)
PX574389.1: 18,430-36,237 (+)
NC_054937.1: 18,430-36,237 (+)
OR757453.1: 16,286-34,449 (+)
ON229909.1: 17,125-35,109 (+)
NC_054928.1: 17,126-35,274 (+)
PQ615101.1: 16,494-33,032 (+)
MZ170041.1: 16,932-35,192 (+)
NC_054912.1: 16,931-35,191 (+)
PP355091.1: 17,323-35,517 (+)
NC_054936.1: 16,864-35,024 (+)
MT764206.1: 16,869-35,036 (+)
MZ892903.1: 18,196-36,395 (+)
baseplate hub distal subunit
baseplate hub distal subunit
NC_054915.1: 17,627-35,029 (+)
PQ249397.1: 17,842-35,980 (+)
PQ759884.1: 17,842-35,980 (+)
PQ759886.1: 19,171-37,462 (+)
PQ759887.1: 19,171-37,462 (+)
PQ249395.1: 19,171-37,462 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
Alt-like RNA polymerase ADP-ribosyltransferase
PQ759885.1: 18,555-36,845 (+)
PP400786.1: 17,228-35,404 (+)
PV654520.1: 17,573-37,257 (+)
PQ510734.1: 17,516-37,123 (+)
PX759568.1: 18,298-38,037 (+)
OQ378934.1: 17,447-34,319 (+)
MZ150757.1: 17,537-35,584 (+)
OZ209057.1: 18,276-36,401 (+)
OZ209023.1: 18,276-36,401 (+)
MT984581.1: 18,276-36,401 (+)
OZ035787.1: 18,276-36,401 (+)
HM137666.1: 18,276-36,401 (+)
KJ477684.1: 18,276-36,401 (+)
OL964735.1: 18,276-36,401 (+)
KM607003.1: 18,277-36,402 (+)
KM607002.1: 18,276-36,401 (+)
unknown function
unknown function
KJ477685.1: 18,276-36,402 (+)
KJ477686.1: 18,276-36,401 (+)
NC_000866.4: 18,243-36,363 (+)
homing endonuclease
ON720975.1: 17,578-36,433 (+)
PP987310.1: 18,266-37,513 (+)
OM339528.1: 16,902-36,221 (+)
AP018813.1: 16,902-36,221 (+)
PV958097.1: 16,957-36,276 (+)
NC_054931.1: 16,902-36,221 (+)
PV648364.1: 16,902-36,221 (+)
baseplate hub subunit and tail length
baseplate hub subunit and tail length
PV648363.1: 16,902-36,298 (+)
MH751506.1: 16,902-36,221 (+)
baseplate hub subunit and tail length
baseplate hub
baseplate hub
baseplate hub
baseplate hub
baseplate tail tube cap
Alt-like RNA polymerase ADP-ribosyltransferase
PQ666539.1: 17,872-37,640 (+)
Alt-like RNA polymerase ADP-ribosyltransferase
Alt-like RNA polymerase ADP-ribosyltransferase
baseplate hub distal subunit
baseplate hub distal subunit
Alt-like RNA polymerase ADP-ribosyltransferase
Alt-like RNA polymerase ADP-ribosyltransferase
baseplate hub
baseplate hub
ATP-dependent DNA ligase
baseplate hub
baseplate tail tube cap
ATP-dependent DNA ligase
unknown function
baseplate hub
baseplate tail tube cap
unknown function
PQ666542.1: 17,866-37,647 (+)
DNA, RNA and nucleotide metabolism
head and packaging
lysis
moron, auxiliary metabolic gene and host takeover
tail
unknown function