

**Table S3** List of genes shared by phages BF9, BF15, and BF17 with the most representative phages of the genus performed with CoreGenes5.0

<b>Escherichia phage BF9</b> <b><u>MW822006.1</u></b>	<b>Escherichia phage HK578</b> <b><u>JQ086375.1</u></b>
PI: <u><a href="#">QXL91276.1</a></u> Product:putative lipoprotein	PI: <u><a href="#">AFH20529.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91277.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20528.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91278.1</a></u> Product:putative tail fiber tip protein	PI: <u><a href="#">AFH20527.1</a></u> Product:bacteriophage host specificity protein
PI: <u><a href="#">QXL91279.1</a></u> Product:tail assembly protein	PI: <u><a href="#">AFH20526.1</a></u> Product:tail assembly protein
PI: <u><a href="#">QXL91280.1</a></u> Product:minor tail protein	PI: <u><a href="#">AFH20525.1</a></u> Product:tail component protein
PI: <u><a href="#">QXL91281.1</a></u> Product:minor tail protein	PI: <u><a href="#">AFH20524.1</a></u> Product:minor tail protein
PI: <u><a href="#">QXL91282.1</a></u> Product:tail length tape measure protein	PI: <u><a href="#">AFH20522.1</a></u> Product:tail length tape measure protein
PI: <u><a href="#">QXL91283.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20521.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91284.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20520.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91285.1</a></u> Product:major tail protein	PI: <u><a href="#">AFH20519.1</a></u> Product:tail protein
PI: <u><a href="#">QXL91286.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20518.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91287.1</a></u> Product:tail protein	PI: <u><a href="#">AFH20517.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91288.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20516.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91289.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20514.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91290.1</a></u> Product:major head protein	PI: <u><a href="#">AFH20513.1</a></u> Product:major head protein
PI: <u><a href="#">QXL91291.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20512.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91293.1</a></u> Product:hypothetical protein	PI: <u><a href="#">AFH20510.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91294.1</a></u> Product:head morphogenesis protein	PI: <u><a href="#">AFH20509.1</a></u> Product:head morphogenesis protein
PI: <u><a href="#">QXL91295.1</a></u> Product:structural protein	PI: <u><a href="#">AFH20508.1</a></u> Product:hypothetical protein
PI: <u><a href="#">QXL91296.1</a></u> Product:terminase large subunit	PI: <u><a href="#">AFH20507.1</a></u> Product:terminase large subunit
PI: <u><a href="#">QXL91297.1</a></u> Product:terminase small subunit	PI: <u><a href="#">AFH20506.1</a></u> Product:terminase small subunit

PI: <a href="#"><u>QXL91298.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20565.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91299.1</u></a> Product:HTH luxR-type domain-containing protein	PI: <a href="#"><u>AFH20564.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91301.1</u></a> Product:lysozyme	PI: <a href="#"><u>AFH20562.1</u></a> Product:lysozyme
PI: <a href="#"><u>QXL91302.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20561.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91303.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20560.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91304.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20559.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91306.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20554.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91308.1</u></a> Product:DNA helicase	PI: <a href="#"><u>AFH20551.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91309.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20550.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91310.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20549.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91311.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20548.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91313.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20546.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91315.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20545.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91316.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20544.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91317.1</u></a> Product:DNA polymerase	PI: <a href="#"><u>AFH20543.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91319.1</u></a> Product:VRR-NUC domain-containing protein	PI: <a href="#"><u>AFH20541.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91320.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20540.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91321.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20539.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91322.1</u></a> Product:DNA helicase	PI: <a href="#"><u>AFH20538.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91323.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20537.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91324.1</u></a> Product:HNH endonuclease	PI: <a href="#"><u>AFH20536.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91327.1</u></a> Product:DNA N-6-adenine methyltransferase	PI: <a href="#"><u>AFH20535.1</u></a> Product:DNA N-6-adenine-methyltransferase
PI: <a href="#"><u>QXL91328.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20534.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91329.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20533.1</u></a> Product:hypothetical protein

PI: <a href="#"><u>QXL91330.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20532.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXL91331.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AFH20531.1</u></a> Product:hypothetical protein

<b>Escherichia phage BF15</b> <b><u>MW822007.1</u></b>	<b>Escherichia phage T4</b> <b><u>NC_000866.4</u></b>
PI: <a href="#"><u>QXN75718.1</u></a> Product:exonuclease A	PI: <a href="#"><u>NP_049629.1</u></a> Product:3'-5' exoribonuclease
PI: <a href="#"><u>QXN75719.1</u></a> Product:exonuclease	PI: <a href="#"><u>NP_049630.1</u></a> Product:DexA.1 hypothetical protein
PI: <a href="#"><u>QXN75720.1</u></a> Product:exonuclease	PI: <a href="#"><u>NP_049631.1</u></a> Product:dextranase
PI: <a href="#"><u>QXN75721.1</u></a> Product:DNA helicase	PI: <a href="#"><u>NP_049632.1</u></a> Product:AAA family ATPase
PI: <a href="#"><u>QXN75722.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049633.1</u></a> Product:Dda.1 hypothetical protein
PI: <a href="#"><u>QXN75723.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049634.1</u></a> Product:Srd anti-sigma factor
PI: <a href="#"><u>QXN75724.1</u></a> Product:NAD--protein ADP-ribosyltransferase	PI: <a href="#"><u>NP_049635.1</u></a> Product:ModA RNA polymerase ADP-ribosylase
PI: <a href="#"><u>QXN75725.1</u></a> Product:NAD--protein ADP-ribosyltransferase	PI: <a href="#"><u>NP_049636.1</u></a> Product:ModB ADP-ribosylase
PI: <a href="#"><u>QXN75726.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049637.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75727.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049638.1</u></a> Product:ModA.3 hypothetical protein
PI: <a href="#"><u>QXN75728.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049639.1</u></a> Product:ModA.4 hypothetical protein
PI: <a href="#"><u>QXN75729.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049640.1</u></a> Product:Srh transcription modulator
PI: <a href="#"><u>QXN75730.1</u></a> Product:transcription modulator under heat shock	PI: <a href="#"><u>NP_049641.1</u></a> Product:Mrh transcription modulator under heat shock
PI: <a href="#"><u>QXN75731.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049642.1</u></a> Product:Mrh.1 hypothetical protein
PI: <a href="#"><u>QXN75732.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049643.1</u></a> Product:Mrh.2 hypothetical protein
PI: <a href="#"><u>QXN75733.1</u></a> Product:small outer capsid protein	PI: <a href="#"><u>NP_049644.1</u></a> Product:Soc small outer capsid protein
PI: <a href="#"><u>QXN75734.1</u></a> Product:dCTP pyrophosphatase	PI: <a href="#"><u>NP_049646.1</u></a> Product:dUTP diphosphatase
PI: <a href="#"><u>QXN75735.1</u></a> Product:DNA methyltransferase	PI: <a href="#"><u>NP_049647.1</u></a> Product:Dam family site-specific
PI: <a href="#"><u>QXN75738.1</u></a> Product:DNA primase	PI: <a href="#"><u>NP_049648.1</u></a> Product:DNA primase subunit
PI: <a href="#"><u>QXN75739.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049649.1</u></a> Product:gp61.1 hypothetical protein

PI: <a href="#"><u>QXN75741.1</u></a> Product:spackle periplasmic protein	PI: <a href="#"><u>NP_049651.1</u></a> Product:sp spackle periplasmic protein
PI: <a href="#"><u>QXN75742.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049652.1</u></a> Product:gp61.4 hypothetical protein
PI: <a href="#"><u>QXN75743.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049653.1</u></a> Product:Dmd discriminator of mRNA degradation
PI: <a href="#"><u>QXN75744.1</u></a> Product:DNA primase-helicase subunit	PI: <a href="#"><u>NP_049654.1</u></a> Product:AAA family ATPase
PI: <a href="#"><u>QXN75745.1</u></a> Product:head vertiex assembly chaperone	PI: <a href="#"><u>NP_049655.1</u></a> Product:gp40 head vertex assembly chaperone
PI: <a href="#"><u>QXN75746.1</u></a> Product:recombination protein	PI: <a href="#"><u>NP_049656.2</u></a> Product:recombinase RecA
PI: <a href="#"><u>QXN75749.1</u></a> Product:thymidylate synthase	PI: <a href="#"><u>NP_049659.1</u></a> Product:thymidylate synthase
PI: <a href="#"><u>QXN75750.1</u></a> Product:immunity to superinfection protein	PI: <a href="#"><u>NP_049660.1</u></a> Product:superinfection immunity protein
PI: <a href="#"><u>QXN75751.1</u></a> Product:immunity protein	PI: <a href="#"><u>NP_049661.1</u></a> Product:iduronate sulfatase
PI: <a href="#"><u>QXN75752.1</u></a> Product:DNA polymerase	PI: <a href="#"><u>NP_049662.1</u></a> Product:DNA polymerase
PI: <a href="#"><u>QXN75753.1</u></a> Product:translation repressor protein	PI: <a href="#"><u>NP_049663.1</u></a> Product:translational repressor RegA
PI: <a href="#"><u>QXN75754.1</u></a> Product:sliding-clamp-loader subunit	PI: <a href="#"><u>NP_049664.1</u></a> Product:DNA polymerase clamp loader subunit A
PI: <a href="#"><u>QXN75755.1</u></a> Product:sliding-clamp-loader subunit	PI: <a href="#"><u>NP_049665.1</u></a> Product:AAA family ATPase
PI: <a href="#"><u>QXN75756.1</u></a> Product:DNA polymerase clamp	PI: <a href="#"><u>NP_049666.1</u></a> Product:sliding clamp
PI: <a href="#"><u>QXN75757.1</u></a> Product:RNA polymerase-binding protein	PI: <a href="#"><u>NP_049667.1</u></a> Product:RNA polymerase-binding protein RpbA
PI: <a href="#"><u>QXN75758.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049668.1</u></a> Product:protein GP45.2
PI: <a href="#"><u>QXN75759.1</u></a> Product:recombination exonuclease subunit 2	PI: <a href="#"><u>NP_049669.1</u></a> Product:AAA family ATPase
PI: <a href="#"><u>QXN75760.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049670.1</u></a> Product:DUF5487 family protein
PI: <a href="#"><u>QXN75761.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049671.1</u></a> Product:gp46.2 hypothetical protein
PI: <a href="#"><u>QXN75762.1</u></a> Product:recombination exonuclease subunit 1	PI: <a href="#"><u>NP_049672.1</u></a> Product:metallophosphoesterase
PI: <a href="#"><u>QXN75763.1</u></a> Product:membrane protein	PI: <a href="#"><u>NP_813808.1</u></a> Product:gp47.1 hypothetical predicted membrane protein
PI: <a href="#"><u>QXN75764.1</u></a> Product:DNA alpha-glucosyltransferase	PI: <a href="#"><u>NP_049673.1</u></a> Product:a-gt alpha glucosyl transferase
PI: <a href="#"><u>QXN75765.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049675.1</u></a> Product:a-gt.2 hypothetical protein

PI: <a href="#"><u>QXN75766.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049676.1</u></a> Product:a-gt.3 hypothetical protein
PI: <a href="#"><u>QXN75767.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049677.1</u></a> Product:a-gt.4 family protein
PI: <a href="#"><u>QXN75768.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049678.1</u></a> Product:a-gt.5 hypothetical protein
PI: <a href="#"><u>QXN75769.1</u></a> Product:RNA polymerase sigma factor	PI: <a href="#"><u>NP_049679.1</u></a> Product:RNA polymerase sigma factor
PI: <a href="#"><u>QXN75771.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049680.1</u></a> Product:gp55.1 hypothetical protein
PI: <a href="#"><u>QXN75772.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049681.1</u></a> Product:gp55.2 hypothetical protein
PI: <a href="#"><u>QXN75773.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049682.1</u></a> Product:gp55.3 hypothetical protein
PI: <a href="#"><u>QXN75774.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049683.1</u></a> Product:gp55.4 conserved hypothetical protein
PI: <a href="#"><u>QXN75775.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049684.1</u></a> Product:gp55.5 conserved protein of unknown function
PI: <a href="#"><u>QXN75776.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049685.1</u></a> Product:gp55.6 conserved hypothetical protein
PI: <a href="#"><u>QXN75777.1</u></a> Product:glutaredoxin	PI: <a href="#"><u>NP_049686.1</u></a> Product:NrdH glutaredoxin
PI: <a href="#"><u>QXN75778.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049687.1</u></a> Product:gp55.8 conserved hypothetical predicted membrane
PI: <a href="#"><u>QXN75780.1</u></a> Product:anaerobic ribonucleoside-triphosphate	PI: <a href="#"><u>NP_049688.1</u></a> Product:anaerobic ribonucleoside-triphosphate reductase
PI: <a href="#"><u>QXN75782.1</u></a> Product:anaerobic ribonucleoside-triphosphate reductase	PI: <a href="#"><u>NP_049690.1</u></a> Product:anaerobic ribonucleoside-triphosphate reductase
PI: <a href="#"><u>QXN75783.1</u></a> Product:recombination endonuclease VII	PI: <a href="#"><u>NP_049692.1</u></a> Product:recombination endonuclease VII
PI: <a href="#"><u>QXN75784.1</u></a> Product:peptidase inhibitor	PI: <a href="#"><u>NP_049694.1</u></a> Product:peptidase
PI: <a href="#"><u>QXN75785.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049695.1</u></a> Product:gp49.1 conserved protein of unknown function
PI: <a href="#"><u>QXN75788.1</u></a> Product:thioredoxin	PI: <a href="#"><u>NP_049698.1</u></a> Product:NrdC thioredoxin
PI: <a href="#"><u>QXN75789.1</u></a> Product:thioredoxin	PI: <a href="#"><u>NP_049699.1</u></a> Product:NrdC.1 conserved hypothetical protein
PI: <a href="#"><u>QXN75790.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049700.1</u></a> Product:NrdC.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75791.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049701.1</u></a> Product:NrdC.3 conserved hypothetical protein
PI: <a href="#"><u>QXN75792.1</u></a> Product:thioredoxin	PI: <a href="#"><u>NP_049702.1</u></a> Product:NrdC.4 conserved hypothetical protein
PI: <a href="#"><u>QXN75793.1</u></a> Product:thioredoxin	PI: <a href="#"><u>NP_049703.1</u></a> Product:NrdC.5 conserved hypothetical protein

PI: <a href="#"><u>QXN75794.1</u></a> Product:thioredoxin	PI: <a href="#"><u>NP_049704.1</u></a> Product:NrdC.6 conserved hypothetical protein
PI: <a href="#"><u>QXN75795.1</u></a> Product:thioredoxin	PI: <a href="#"><u>NP_049705.1</u></a> Product:NrdC.7 conserved hypothetical
PI: <a href="#"><u>QXN75796.1</u></a> Product:thioredoxin	PI: <a href="#"><u>NP_049706.1</u></a> Product:NrdC.8 conserved hypothetical protein
PI: <a href="#"><u>QXN75797.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049707.1</u></a> Product:NrdC.9 conserved hypothetical protein
PI: <a href="#"><u>QXN75799.1</u></a> Product:AAA domain-containing protein	PI: <a href="#"><u>NP_049708.1</u></a> Product:NrdC.10 conserved hypothetical protein
PI: <a href="#"><u>QXN75800.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049709.1</u></a> Product:nucleotidyltransferase domain-containing
PI: <a href="#"><u>QXN75803.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049711.1</u></a> Product:MobD.1 conserved hypothetical protein
PI: <a href="#"><u>QXN75804.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049712.1</u></a> Product:MobD.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75805.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_813809.1</u></a> Product:MobD.2a hypothetical protein
PI: <a href="#"><u>QXN75806.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049713.1</u></a> Product:MobD.3 hypothetical protein
PI: <a href="#"><u>QXN75807.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049714.1</u></a> Product:molybdopterin-guanine dinucleotide biosynthesis
PI: <a href="#"><u>QXN75808.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049715.1</u></a> Product:MobD.5 hypothetical protein
PI: <a href="#"><u>QXN75809.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049716.1</u></a> Product:DUF5856 family protein
PI: <a href="#"><u>QXN75810.1</u></a> Product:antiholin	PI: <a href="#"><u>NP_049717.1</u></a> Product:rI lysis inhibition regulator
PI: <a href="#"><u>QXN75811.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049718.1</u></a> Product:rI.1 conserved hypothetical protein
PI: <a href="#"><u>QXN75812.1</u></a> Product:thymidine kinase	PI: <a href="#"><u>NP_049719.1</u></a> Product:thymidine kinase
PI: <a href="#"><u>QXN75813.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049720.1</u></a> Product:Tk.1 conserved hypothetical protein
PI: <a href="#"><u>QXN75814.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049721.1</u></a> Product:Tk.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75815.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049722.1</u></a> Product:Tk.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75816.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049723.1</u></a> Product:macro domain-containing protein
PI: <a href="#"><u>QXN75817.1</u></a> Product:valyl--tRNA ligase modifier	PI: <a href="#"><u>NP_049724.1</u></a> Product:Vs valyl-tRNA synthetase modifier
PI: <a href="#"><u>QXN75818.1</u></a> Product:SLT domain-containing protein	PI: <a href="#"><u>NP_049725.1</u></a> Product:transglycosylase SLT domain-containing protein
PI: <a href="#"><u>QXN75819.1</u></a> Product:endoribonuclease	PI: <a href="#"><u>NP_049726.1</u></a> Product:site-specific RNA endonuclease

PI: <a href="#"><u>QXN75820.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049727.1</u></a> Product:Vs.3 conserved hypothetical protein
PI: <a href="#"><u>QXN75821.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049728.1</u></a> Product:Vs.4 conserved hypothetical protein
PI: <a href="#"><u>QXN75823.1</u></a> Product:pyruvate formate-lyase	PI: <a href="#"><u>NP_049730.1</u></a> Product:autonomous glycyl radical cofactor GrcA
PI: <a href="#"><u>QXN75824.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049731.1</u></a> Product:Vs.7 conserved hypothetical protein
PI: <a href="#"><u>QXN75825.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049732.1</u></a> Product:Vs.8 conserved hypothetical protein
PI: <a href="#"><u>QXN75826.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049734.1</u></a> Product:IpII internal head protein
PI: <a href="#"><u>QXN75827.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049735.1</u></a> Product:IpIII internal head protein
PI: <a href="#"><u>QXN75830.1</u></a> Product:baseplate hub subunit and tail lysozyme	PI: <a href="#"><u>NP_049736.1</u></a> Product:glycoside hydrolase family protein
PI: <a href="#"><u>QXN75831.1</u></a> Product:nudix hydrolase	PI: <a href="#"><u>NP_049737.1</u></a> Product:NUDIX hydrolase
PI: <a href="#"><u>QXN75832.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049738.1</u></a> Product:e.2 conserved hypothetical
PI: <a href="#"><u>QXN75833.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049739.1</u></a> Product:sulfurtransferase
PI: <a href="#"><u>QXN75834.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049740.1</u></a> Product:sulfurtransferase
PI: <a href="#"><u>QXN75835.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049741.1</u></a> Product:e.5 conserved hypothetical protein
PI: <a href="#"><u>QXN75836.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049742.1</u></a> Product:e.6 conserved hypothetical protein
PI: <a href="#"><u>QXN75837.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049743.1</u></a> Product:e.7 hypothetical protein
PI: <a href="#"><u>QXN75838.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049744.1</u></a> Product:e.8 conserved hypothetical protein
PI: <a href="#"><u>QXN75839.1</u></a> Product:group I intron endonuclease	PI: <a href="#"><u>NP_049745.2</u></a> Product:GIY-YIG nuclease family protein
PI: <a href="#"><u>QXN75840.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049746.1</u></a> Product:Trna.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75841.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049747.1</u></a> Product:Trna.3 conserved hypothetical protein
PI: <a href="#"><u>QXN75842.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049748.1</u></a> Product:Trna.4 conserved hypothetical predicted membrane
PI: <a href="#"><u>QXN75845.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049750.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75846.1</u></a> Product:tail fiber assembly protein	PI: <a href="#"><u>NP_049751.1</u></a> Product:gp57A chaperone for tail fiber formation
PI: <a href="#"><u>QXN75847.1</u></a> Product:deoxynucleotide monophosphate kinase	PI: <a href="#"><u>NP_049752.1</u></a> Product:deoxynucleoside monophosphate kinase



PI: <a href="#"><u>QXN75848.1</u></a> Product:tail completion and sheath stabilizer protein	PI: <a href="#"><u>NP_049753.1</u></a> Product:tail protein
PI: <a href="#"><u>QXN75849.1</u></a> Product:DNA end protector protein	PI: <a href="#"><u>NP_049754.1</u></a> Product:DNA end protector protein
PI: <a href="#"><u>QXN75850.1</u></a> Product:head completion protein	PI: <a href="#"><u>NP_049755.1</u></a> Product:head completion protein
PI: <a href="#"><u>QXN75851.1</u></a> Product:baseplate wedge protein	PI: <a href="#"><u>NP_049756.1</u></a> Product:baseplate wedge protein 53
PI: <a href="#"><u>QXN75852.1</u></a> Product:baseplate hub subunit and tail lysozyme	PI: <a href="#"><u>NP_049757.1</u></a> Product:glycoside hydrolase family protein
PI: <a href="#"><u>QXN75853.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049760.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75854.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049763.1</u></a> Product:PAAR domain-containing protein
PI: <a href="#"><u>QXN75855.1</u></a> Product:baseplate wedge protein	PI: <a href="#"><u>NP_049764.1</u></a> Product:baseplate wedge subunit
PI: <a href="#"><u>QXN75856.1</u></a> Product:baseplate wedge protein	PI: <a href="#"><u>NP_049765.1</u></a> Product:baseplate wedge subunit
PI: <a href="#"><u>QXN75857.1</u></a> Product:baseplate wedge protein	PI: <a href="#"><u>NP_049766.1</u></a> Product:baseplate wedge subunit
PI: <a href="#"><u>QXN75858.1</u></a> Product:baseplate wedge tail-fiber connector	PI: <a href="#"><u>NP_049767.1</u></a> Product:baseplate wedge tail fiber connector
PI: <a href="#"><u>QXN75859.1</u></a> Product:baseplate wedge protein	PI: <a href="#"><u>NP_049768.1</u></a> Product:tail protein
PI: <a href="#"><u>QXN75860.1</u></a> Product:baseplate wedge completion tail pin	PI: <a href="#"><u>NP_049769.1</u></a> Product:tail protein
PI: <a href="#"><u>QXN75861.1</u></a> Product:short tail fiber protein	PI: <a href="#"><u>NP_049770.1</u></a> Product:tail fiber protein
PI: <a href="#"><u>QXN75862.1</u></a> Product:fibrin neck whiskers protein	PI: <a href="#"><u>NP_049771.1</u></a> Product:neck protein fibrin
PI: <a href="#"><u>QXN75863.1</u></a> Product:neck protein	PI: <a href="#"><u>NP_049772.1</u></a> Product:putative neck protein
PI: <a href="#"><u>QXN75864.1</u></a> Product:neck protein	PI: <a href="#"><u>NP_049773.1</u></a> Product:neck protein
PI: <a href="#"><u>QXN75865.1</u></a> Product:tail sheath stabilization protein	PI: <a href="#"><u>NP_049774.1</u></a> Product:tail sheath stabilizer and completion protein
PI: <a href="#"><u>QXN75866.1</u></a> Product:terminase	PI: <a href="#"><u>NP_049775.1</u></a> Product:small terminase protein
PI: <a href="#"><u>QXN75867.1</u></a> Product:terminase	PI: <a href="#"><u>NP_049776.1</u></a> Product:terminase family protein
PI: <a href="#"><u>QXN75867.1</u></a> Product:terminase	PI: <a href="#"><u>NP_049778.1</u></a> Product:large terminase protein
PI: <a href="#"><u>QXN75867.1</u></a> Product:terminase	PI: <a href="#"><u>NP_049779.1</u></a> Product:large terminase protein
PI: <a href="#"><u>QXN75867.1</u></a> Product:terminase	PI: <a href="#"><u>NP_049777.1</u></a> Product:large terminase protein



PI: <a href="#"><u>QXN75868.1</u></a> Product:tail sheath protein	PI: <a href="#"><u>NP_049780.1</u></a> Product:tail sheath subtilisin-like domain-containing
PI: <a href="#"><u>QXN75869.1</u></a> Product:tail fiber protein	PI: <a href="#"><u>NP_049781.1</u></a> Product:tail protein
PI: <a href="#"><u>QXN75870.1</u></a> Product:portal protein	PI: <a href="#"><u>NP_049782.1</u></a> Product:portal protein
PI: <a href="#"><u>QXN75871.1</u></a> Product:prohead core protein	PI: <a href="#"><u>NP_049783.1</u></a> Product:prohead core protein
PI: <a href="#"><u>QXN75872.1</u></a> Product:prohead core protein	PI: <a href="#"><u>NP_049784.1</u></a> Product:prohead core protein
PI: <a href="#"><u>QXN75873.1</u></a> Product:prohead core scaffold protein and protease	PI: <a href="#"><u>NP_049785.1</u></a> Product:prohead core scaffolding protein and protease
PI: <a href="#"><u>QXN75874.1</u></a> Product:prohead core protein	PI: <a href="#"><u>NP_049786.1</u></a> Product:prohead core protein
PI: <a href="#"><u>QXN75875.1</u></a> Product:major capsid protein	PI: <a href="#"><u>NP_049787.1</u></a> Product:capsid protein
PI: <a href="#"><u>QXN75876.1</u></a> Product:capsid vertex protein	PI: <a href="#"><u>NP_049789.1</u></a> Product:capsid vertex protein
PI: <a href="#"><u>QXN75877.1</u></a> Product:RNA ligase	PI: <a href="#"><u>NP_049790.1</u></a> Product:RNA ligase
PI: <a href="#"><u>QXN75878.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049791.1</u></a> Product:gp24.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75879.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049792.1</u></a> Product:gp24.3 conserved hypothetical protein
PI: <a href="#"><u>QXN75880.1</u></a> Product:highly immunogenic outer capsid protein	PI: <a href="#"><u>NP_049793.1</u></a> Product:PKD domain-containing protein
PI: <a href="#"><u>QXN75881.1</u></a> Product:minor capsid protein	PI: <a href="#"><u>NP_049794.1</u></a> Product:Inh inhibitor of prohead protease gp21
PI: <a href="#"><u>QXN75882.1</u></a> Product:RNA-DNA + DNA-DNA helicase	PI: <a href="#"><u>NP_049796.1</u></a> Product:UvsW helicase
PI: <a href="#"><u>QXN75883.1</u></a> Product:homing endonuclease	PI: <a href="#"><u>NP_049844.1</u></a> Product:MobE homing endonuclease
PI: <a href="#"><u>QXN75885.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049797.1</u></a> Product:DUF2685 domain-containing protein
PI: <a href="#"><u>QXN75886.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049798.1</u></a> Product:UvsY.-1 conserved hypothetical protein
PI: <a href="#"><u>QXN75887.1</u></a> Product:ssDNA-binding protein	PI: <a href="#"><u>NP_049799.2</u></a> Product:recombination mediator protein UvsY
PI: <a href="#"><u>QXN75888.1</u></a> Product:baseplate wedge subunit	PI: <a href="#"><u>NP_049800.1</u></a> Product:GPW/gp25 family protein
PI: <a href="#"><u>QXN75889.1</u></a> Product:baseplate hub subunit	PI: <a href="#"><u>NP_049801.1</u></a> Product:gp26 baseplate hub subunit
PI: <a href="#"><u>QXN75890.1</u></a> Product:baseplate hub assembly protein	PI: <a href="#"><u>NP_049802.1</u></a> Product:baseplate hub assembly protein
PI: <a href="#"><u>QXN75891.1</u></a> Product:baseplate hub subunit	PI: <a href="#"><u>NP_049803.1</u></a> Product:base plate hub subunit
PI: <a href="#"><u>QXN75892.1</u></a> Product:baseplate hub distal subunit	PI: <a href="#"><u>NP_049804.2</u></a> Product:base plate distal hub subunit

PI: <a href="#"><u>QXN75893.1</u></a> Product:baseplate hub subunit tail length determinant	PI: <a href="#"><u>NP_049805.1</u></a> Product:gp29 baseplate hub subunit
PI: <a href="#"><u>QXN75894.1</u></a> Product:tail-tube assembly protein	PI: <a href="#"><u>NP_049806.1</u></a> Product:baseplate tail-tube junction protein
PI: <a href="#"><u>QXN75895.1</u></a> Product:baseplate tail-tube initiator	PI: <a href="#"><u>NP_049807.1</u></a> Product:baseplate subunit
PI: <a href="#"><u>QXN75896.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049808.1</u></a> Product:Alt.-3 conserved hypothetical protein
PI: <a href="#"><u>QXN75898.1</u></a> Product:NAD(+)--arginine ADP-ribosyltransferase	PI: <a href="#"><u>NP_049811.1</u></a> Product:RNA polymerase ADP-ribosylase
PI: <a href="#"><u>QXN75899.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049812.1</u></a> Product:Alt.1 conserved hypothetical protein
PI: <a href="#"><u>QXN75900.1</u></a> Product:DNA ligase	PI: <a href="#"><u>NP_049813.1</u></a> Product:DNA ligase
PI: <a href="#"><u>QXN75901.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049814.1</u></a> Product:DUF3045 domain-containing protein
PI: <a href="#"><u>QXN75902.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049815.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75903.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049816.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75904.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049818.1</u></a> Product:gp30.4 conserved hypothetical protein
PI: <a href="#"><u>QXN75905.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049819.1</u></a> Product:gp30.5 hypothetical protein
PI: <a href="#"><u>QXN75906.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049820.1</u></a> Product:gp30.6 conserved hypothetical protein
PI: <a href="#"><u>QXN75907.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049821.1</u></a> Product:gp30.7 conserved hypothetical protein
PI: <a href="#"><u>QXN75908.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049822.1</u></a> Product:gp30.8 conserved hypothetical protein
PI: <a href="#"><u>QXN75909.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049823.1</u></a> Product:gp30.9 conserved hypothetical protein
PI: <a href="#"><u>QXN75910.1</u></a> Product:lysis inhibition accessory protein	PI: <a href="#"><u>NP_049824.1</u></a> Product:rIII lysis inhibition accessory protein
PI: <a href="#"><u>QXN75911.1</u></a> Product:head assembly co-chaperone	PI: <a href="#"><u>NP_049825.1</u></a> Product:co-chaperone GroES family protein
PI: <a href="#"><u>QXN75912.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049826.1</u></a> Product:SH3 beta-barrel fold-containing protein
PI: <a href="#"><u>QXN75913.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049827.1</u></a> Product:gp31.2 hypothetical protein
PI: <a href="#"><u>QXN75914.1</u></a> Product:deoxycytidylate deaminase	PI: <a href="#"><u>NP_049828.1</u></a> Product:dCMP deaminase
PI: <a href="#"><u>QXN75915.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049829.1</u></a> Product:Cd.1 hypothetical protein
PI: <a href="#"><u>QXN75916.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049830.1</u></a> Product:Cd.2 conserved hypothetical protein

PI: <a href="#"><u>QXN75917.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049831.1</u></a> Product:Cd.3 conserved hypothetical protein
PI: <a href="#"><u>QXN75918.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049832.1</u></a> Product:Cd.4 conserved hypothetical protein
PI: <a href="#"><u>QXN75919.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049833.1</u></a> Product:Cd.5 hypothetical protein
PI: <a href="#"><u>QXN75920.1</u></a> Product:polynucleotide kinase	PI: <a href="#"><u>NP_049834.1</u></a> Product:AAA family ATPase
PI: <a href="#"><u>QXN75922.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049835.1</u></a> Product:PseT.1 conserved hypothetical protein
PI: <a href="#"><u>QXN75923.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049836.2</u></a> Product:PseT.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75924.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049837.1</u></a> Product:PseT.3 conserved hypothetical predicted membrane
PI: <a href="#"><u>QXN75925.1</u></a> Product:inhibitor of host transcription	PI: <a href="#"><u>NP_049838.1</u></a> Product:Alc inhibitor of host transcription
PI: <a href="#"><u>QXN75926.1</u></a> Product:RNA ligase	PI: <a href="#"><u>NP_049839.1</u></a> Product:T4 RnIA family RNA ligase
PI: <a href="#"><u>QXN75927.1</u></a> Product:endonuclease	PI: <a href="#"><u>NP_049840.1</u></a> Product:GIY-YIG nuclease family protein
PI: <a href="#"><u>QXN75928.1</u></a> Product:ribonucleoside-diphosphate reductase	PI: <a href="#"><u>NP_049841.1</u></a> Product:ribonucleotide-diphosphate reductase subunit
PI: <a href="#"><u>QXN75929.1</u></a> Product:ribonucleoside-diphosphate reductase	PI: <a href="#"><u>NP_049845.1</u></a> Product:ribonucleoside-diphosphate reductase subunit
PI: <a href="#"><u>QXN75930.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049846.1</u></a> Product:DUF4326 domain-containing protein
PI: <a href="#"><u>QXN75931.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049847.1</u></a> Product:NrdA.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75932.1</u></a> Product:thymidylate synthase	PI: <a href="#"><u>NP_049848.1</u></a> Product:thymidylate synthase
PI: <a href="#"><u>QXN75934.1</u></a> Product:dihydrofolate reductase	PI: <a href="#"><u>NP_049850.1</u></a> Product:dihydrofolate reductase
PI: <a href="#"><u>QXN75937.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049851.1</u></a> Product:DUF5417 domain-containing protein
PI: <a href="#"><u>QXN75938.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049852.1</u></a> Product:Frd.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75939.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049853.1</u></a> Product:Frd.3 hypothetical protein
PI: <a href="#"><u>QXN75940.1</u></a> Product:helix-destabilizing protein	PI: <a href="#"><u>NP_049854.1</u></a> Product:single-stranded DNA-binding protein
PI: <a href="#"><u>QXN75941.1</u></a> Product:loader of DNA helicase and single-stranded	PI: <a href="#"><u>NP_049856.1</u></a> Product:59 protein
PI: <a href="#"><u>QXN75942.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049857.1</u></a> Product:late promoter transcription accessory protein
PI: <a href="#"><u>QXN75943.1</u></a> Product:double-stranded DNA-binding protein	PI: <a href="#"><u>NP_049858.1</u></a> Product:double-stranded DNA binding protein

PI: <a href="#"><u>QXN75944.1</u></a> Product:ribonuclease H	PI: <a href="#"><u>NP_049859.1</u></a> Product:RnaseH
PI: <a href="#"><u>QXN75945.1</u></a> Product:long-tail fiber proximal subunit	PI: <a href="#"><u>NP_049860.1</u></a> Product:tail protein
PI: <a href="#"><u>QXN75946.1</u></a> Product:long-tail fiber connector	PI: <a href="#"><u>NP_049861.1</u></a> Product:gp35 hinge connector of long tail fiber
PI: <a href="#"><u>QXN75947.1</u></a> Product:long-tail fiber protein	PI: <a href="#"><u>NP_049862.1</u></a> Product:tail fiber protein
PI: <a href="#"><u>QXN75948.1</u></a> Product:long-tail fiber protein	PI: <a href="#"><u>NP_049863.1</u></a> Product:gp37 long tail fiber
PI: <a href="#"><u>QXN75950.1</u></a> Product:holin	PI: <a href="#"><u>NP_049865.1</u></a> Product:t holin lysis mediator
PI: <a href="#"><u>QXN75951.1</u></a> Product:anti-sigma factor	PI: <a href="#"><u>NP_049866.1</u></a> Product:AsiA anti-sigma 70 protein
PI: <a href="#"><u>QXN75952.1</u></a> Product:anti-sigma factor	PI: <a href="#"><u>NP_049867.1</u></a> Product:AsiA.1 hypothetical protein
PI: <a href="#"><u>QXN75953.1</u></a> Product:baseplate wedge tail fiber connector	PI: <a href="#"><u>NP_049868.1</u></a> Product:Arn inhibitor of MrcBC restriction endonuclease
PI: <a href="#"><u>QXN75955.1</u></a> Product:anti-restriction nuclease	PI: <a href="#"><u>NP_049870.1</u></a> Product:Arn.2 conserved hypothetical protein
PI: <a href="#"><u>QXN75956.1</u></a> Product:anti-restriction nuclease	PI: <a href="#"><u>NP_049871.1</u></a> Product:Arn.3 conserved hypothetical protein
PI: <a href="#"><u>QXN75957.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049872.2</u></a> Product:Arn.4 conserved hypothetical protein
PI: <a href="#"><u>QXN75958.1</u></a> Product:middle transcription regulatory protein	PI: <a href="#"><u>NP_049873.1</u></a> Product:flagellar motor protein MotA
PI: <a href="#"><u>QXN75959.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049874.1</u></a> Product:MotA.1 hypothetical predicted periplasmic
PI: <a href="#"><u>QXN75960.1</u></a> Product:DNA topoisomerase medium subunit	PI: <a href="#"><u>NP_049875.1</u></a> Product:DNA topoisomerase II medium subunit
PI: <a href="#"><u>QXN75961.1</u></a> Product:acridine resistance protein	PI: <a href="#"><u>NP_049877.1</u></a> Product:Ac acridine resistance protein
PI: <a href="#"><u>QXN75962.1</u></a> Product:nucleoid disruption protein	PI: <a href="#"><u>NP_049879.1</u></a> Product:naphthalene 1
PI: <a href="#"><u>QXN75963.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049880.1</u></a> Product:naphthalene 1
PI: <a href="#"><u>QXN75964.1</u></a> Product:outer membrane protein	PI: <a href="#"><u>NP_049881.1</u></a> Product:Ndd.2 hypothetical predicted outer membrane
PI: <a href="#"><u>QXN75965.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049882.1</u></a> Product:Ndd.2a hypothetical predicted periplasmic
PI: <a href="#"><u>QXN75966.1</u></a> Product:inner membrane protein	PI: <a href="#"><u>NP_049884.1</u></a> Product:Ndd.4 hypothetical predicted inner membrane
PI: <a href="#"><u>QXN75967.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049885.1</u></a> Product:Ndd.5 hypothetical predicted outer membrane
PI: <a href="#"><u>QXN75969.1</u></a> Product:endonuclease IV	PI: <a href="#"><u>NP_049887.1</u></a> Product:DenB DNA endonuclease IV

PI: <a href="#"><u>QXN75970.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049888.1</u></a> Product:DenB.1 hypothetical protein
PI: <a href="#"><u>QXN75971.1</u></a> Product:lysis inhibitor rIIB	PI: <a href="#"><u>NP_049889.1</u></a> Product:helix-turn-helix domain-containing protein
PI: <a href="#"><u>QXN75972.1</u></a> Product:protector from prophage-induced early lysis	PI: <a href="#"><u>NP_049616.1</u></a> Product:rIIA protector from prophage-induced early
PI: <a href="#"><u>QXN75973.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049617.1</u></a> Product:rIIA.1 hypothetical protein
PI: <a href="#"><u>QXN75974.1</u></a> Product:DNA topoisomerase subunit	PI: <a href="#"><u>NP_049618.1</u></a> Product:gp60 topoisomerase II
PI: <a href="#"><u>QXN75976.1</u></a> Product:homing endonuclease	PI: <a href="#"><u>NP_049619.1</u></a> Product:gp60.1 hypothetical protein
PI: <a href="#"><u>QXN75977.1</u></a> Product:DNA topoisomerase large subunit	PI: <a href="#"><u>NP_049621.1</u></a> Product:DNA topoisomerase II large subunit
PI: <a href="#"><u>QXN75978.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049622.1</u></a> Product:gp39.1 hypothetical protein
PI: <a href="#"><u>QXN75979.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049623.1</u></a> Product:gp39.2 hypothetical protein
PI: <a href="#"><u>QXN75980.1</u></a> Product:mRNA metabolism modulator	PI: <a href="#"><u>NP_049624.1</u></a> Product:goF mRNA metabolism modulator
PI: <a href="#"><u>QXN75981.1</u></a> Product:modifier of suppressor tRNAs	PI: <a href="#"><u>NP_049625.1</u></a> Product:cytochrome C biogenesis protein CcmE
PI: <a href="#"><u>QXN75982.1</u></a> Product:transcriptional regulator	PI: <a href="#"><u>NP_049626.1</u></a> Product:MotB modifier of transcription
PI: <a href="#"><u>QXN75984.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>NP_049628.1</u></a> Product:MotB.2 hypothetical protein

<b>Escherichia phage BF17</b> <b><u>MW822008.1</u></b>	<b>Escherichia phage PBE04</b> <b><u>KC295538.1</u></b>
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PI: <a href="#"><u>QXN75987.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34957.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75988.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34956.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75989.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34955.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75990.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34954.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75991.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34953.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75992.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34952.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN75993.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34949.1</u></a> Product:hypothetical protein

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PI: <a href="#"><u>QXN76156.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34810.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76157.1</u></a> Product:RNA ligase	PI: <a href="#"><u>AGC34809.1</u></a> Product:RNA ligase
PI: <a href="#"><u>QXN76158.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34808.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76161.1</u></a> Product:polynucleotide kinase	PI: <a href="#"><u>AGC34805.1</u></a> Product:polynucleotide 5'-kinase and 3'-phosphatase
PI: <a href="#"><u>QXN76162.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34803.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76164.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34801.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76173.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34793.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76177.1</u></a> Product:DNA ligase	PI: <a href="#"><u>AGC34789.1</u></a> Product:DNA ligase
PI: <a href="#"><u>QXN76178.1</u></a> Product:serine/threonine-protein phosphatase	PI: <a href="#"><u>AGC34788.1</u></a> Product:Ser/Thr protein phosphatase family protein
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PI: <a href="#"><u>QXN76188.1</u></a> Product:structural protein	PI: <a href="#"><u>AGC34778.1</u></a> Product:putative structural protein
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PI: <a href="#"><u>QXN76193.1</u></a> Product:NAD-dependent protein deacylase	PI: <a href="#"><u>AGC34775.1</u></a> Product:putative Sir2-like protein
PI: <a href="#"><u>QXN76194.1</u></a> Product:nudix hydrolase	PI: <a href="#"><u>AGC34774.1</u></a> Product:nudix hydrolase
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PI: <a href="#"><u>QXN76215.1</u></a> Product:anaerobic ribonucleoside-triphosphate reductase	PI: <a href="#"><u>AGC34756.1</u></a> Product:anaerobic NTP reductase large subunit
PI: <a href="#"><u>QXN76216.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34755.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76217.1</u></a> Product:anaerobic ribonucleoside-triphosphate reductase	PI: <a href="#"><u>AGC34754.1</u></a> Product:anaerobic nucleotide reductase subunit
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PI: <a href="#"><u>QXN76222.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34749.1</u></a> Product:hypothetical protein

[illegible]



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PI: <a href="#"><u>QXN76252.1</u></a> Product:lysozyme	PI: <a href="#"><u>AGC34720.1</u></a> Product:putative lysozyme
PI: <a href="#"><u>QXN76253.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34719.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76269.1</u></a> Product:deoxynucleoside monophosphate kinase	PI: <a href="#"><u>AGC34703.1</u></a> Product:putative deoxynucleoside monophosphate kinase
PI: <a href="#"><u>QXN76270.1</u></a> Product:tail sheath protein	PI: <a href="#"><u>AGC34702.1</u></a> Product:tail sheath protein

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PI: <a href="#"><u>QXN76288.1</u></a> Product:thymidylate synthase	PI: <a href="#"><u>AGC34685.1</u></a> Product:dTMP thymidylate synthase
PI: <a href="#"><u>QXN76289.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC34684.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76291.1</u></a> Product:long tail fiber proximal subunit	PI: <a href="#"><u>AGC34681.1</u></a> Product:YadA domain protein
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PI: <a href="#"><u>QXN76307.1</u></a> Product:virion protein and lysozyme murein	PI: <a href="#"><u>AGC35214.1</u></a> Product:putative virion protein and lysozyme murein
PI: <a href="#"><u>QXN76308.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35213.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76311.1</u></a> Product:RNA polymerase sigma factor	PI: <a href="#"><u>AGC35210.1</u></a> Product:RNA polymerase sigma factor
PI: <a href="#"><u>QXN76312.1</u></a> Product:nuclease subunit	PI: <a href="#"><u>AGC35209.1</u></a> Product:endonuclease subunit
PI: <a href="#"><u>QXN76313.1</u></a> Product:recombination nuclease subunit	PI: <a href="#"><u>AGC35208.1</u></a> Product:recombination endonuclease subunit
PI: <a href="#"><u>QXN76314.1</u></a> Product:DNA endonuclease VII	PI: <a href="#"><u>AGC35207.1</u></a> Product:recombination endonuclease VII
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PI: <a href="#"><u>QXN76328.1</u></a> Product:tail fiber assembly protein	PI: <a href="#"><u>AGC35194.1</u></a> Product:hypothetical protein
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PI: <a href="#"><u>QXN76332.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35190.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76333.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35189.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76334.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35188.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76335.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35187.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76336.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35186.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76337.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35185.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76338.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35184.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76339.1</u></a> Product:RNase H-like 5'-3' exonuclease	PI: <a href="#"><u>AGC35183.1</u></a> Product:RnaseH
PI: <a href="#"><u>QXN76340.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35182.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76341.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35181.1</u></a> Product:hypothetical protein

PI: <a href="#"><u>QXN76343.1</u></a> Product:terminase large subunit	PI: <a href="#"><u>AGC35180.1</u></a> Product:large terminase protein
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PI: <a href="#"><u>QXN76346.1</u></a> Product:recombination and repair protein	PI: <a href="#"><u>AGC35177.1</u></a> Product:recombination and repair protein
PI: <a href="#"><u>QXN76347.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35176.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76348.1</u></a> Product:exodeoxyribonuclease X	PI: <a href="#"><u>AGC35175.1</u></a> Product:putative exonuclease
PI: <a href="#"><u>QXN76349.1</u></a> Product:ATP-dependent DNA helicase	PI: <a href="#"><u>AGC35174.1</u></a> Product:helicase
PI: <a href="#"><u>QXN76350.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35173.1</u></a> Product:hypothetical protein
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PI: <u>QXN76370.1</u> Product:hypothetical protein	PI: <u>AGC35153.1</u> Product:hypothetical protein
PI: <u>QXN76371.1</u> Product:aerobic ribonucleoside-diphosphate reductase	PI: <u>AGC35152.1</u> Product:aerobic ribonucleoside diphosphate reductase
PI: <u>QXN76373.1</u> Product:aerobic ribonucleoside-diphosphate reductase	PI: <u>AGC35151.1</u> Product:aerobic ribonucleoside diphosphate reductase
PI: <u>QXN76374.1</u> Product:hypothetical protein	PI: <u>AGC35150.1</u> Product:hypothetical protein
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PI: <u>QXN76381.1</u> Product:hypothetical protein	PI: <u>AGC35144.1</u> Product:hypothetical protein
PI: <u>QXN76382.1</u> Product:dihydrofolate reductase	PI: <u>AGC35143.1</u> Product:dihydrofolate reductase
PI: <u>QXN76383.1</u> Product:ribonuclease H	PI: <u>AGC35142.1</u> Product:ribonuclease HI
PI: <u>QXN76384.1</u> Product:ATP-dependent DNA helicase	PI: <u>AGC35141.1</u> Product:DNA helicase
PI: <u>QXN76385.1</u> Product:hypothetical protein	PI: <u>AGC35140.1</u> Product:hypothetical protein
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PI: <u>QXN76388.1</u> Product:hypothetical protein	PI: <u>AGC35137.1</u> Product:hypothetical protein
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PI: <u>QXN76391.1</u> Product:hypothetical protein	PI: <u>AGC35134.1</u> Product:hypothetical protein

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PI: <a href="#"><u>QXN76393.1</u></a> Product:topoisomerase II medium subunit	PI: <a href="#"><u>AGC35132.1</u></a> Product:topoisomerase II medium subunit
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PI: <a href="#"><u>QXN76400.1</u></a> Product:replication factor C small subunit	PI: <a href="#"><u>AGC35125.1</u></a> Product:clamp loader subunit DNA polymerase accessory
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PI: <a href="#"><u>QXN76494.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35035.1</u></a> Product:hypothetical protein
PI: <a href="#"><u>QXN76495.1</u></a> Product:hypothetical protein	PI: <a href="#"><u>AGC35034.1</u></a> Product:hypothetical protein
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PI: <u>QXN76542.1</u> Product:hypothetical protein	PI: <u>AGC34992.1</u> Product:hypothetical protein
PI: <u>QXN76544.1</u> Product:hypothetical protein	PI: <u>AGC34991.1</u> Product:hypothetical protein
PI: <u>QXN76545.1</u> Product:hypothetical protein	PI: <u>AGC34990.1</u> Product:hypothetical protein

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