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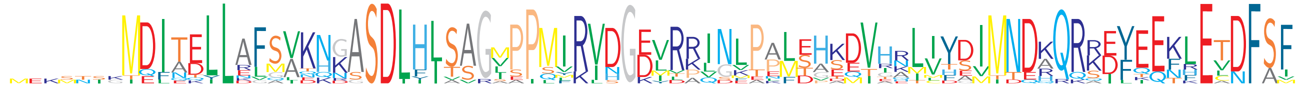

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NTDB id 1019 ACIAD RS04205 WP 004922051.1     .......MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAI   73
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NTDB id 1307 DR RS10055 WP 010888596.1        ...MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSF   77
NTDB id 1116 NGFG RS10615 WP 003690200.1      .......MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMRRINLPEMSAEEVGNMVTSVMNDHQRKIYQQNLEVDFSF   73
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consensus                                            *** **!****** *!!*************!******** * * **   *************** *! *!**
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NTDB id 1307 DR RS10055 WP 010888596.1        ALGD.KARFRVNAFMQ.RGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTK   155
NTDB id 1116 NGFG RS10615 WP 003690200.1      ELPN.VARFRVNAFNT.GRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQ   151
NTDB id 1086 NMV RS00245 WP 002218487.1       ELPN.VARFRVNAFNI.GRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQ   151
NTDB id 1185 GTF74 RS11940 WP 000350195.1     ELPN.VGRFRVNAFHQ.ARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHH   151
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NTDB id 1259 GC085 RS10305 WP 010947729.1     EIAN.LARFRVNAFNQ.SRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSR   151
NTDB id 1202 PSJM300 01600 AFN76400.1         EVPG.VARFRVNAFNQ.NRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTK   151
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1     EVPN.VARFRVNAFNQ.NRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENR   151
NTDB id 1060 ABD1 RS04380 WP 000355489.1      EVPN.VARFRVNAFNQ.NRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENR   151
NTDB id 1040 HON27 RS13360 WP 000355489.1     EVPN.VARFRVNAFNQ.NRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENR   151
consensus                                     ****  **!!!******   **  ****!*!**  ******* **  ***  **    *!*****!*!!*!!!!**!***  **!    *
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NTDB id 152136 CUREO RS06960 WP 050335617.1   RKHITVEDPVEFVHENKKCLFSHRNIGTDTHSYANALKYALREDPDIILIGEMRDRETISIAITAAETGHLVFATLHTN   239
NTDB id 1307 DR RS10055 WP 010888596.1        KLHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTN   235
NTDB id 1116 NGFG RS10615 WP 003690200.1      PAHILTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTT   231
NTDB id 1086 NMV RS00245 WP 002218487.1       PAHILTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTT   231
NTDB id 1185 GTF74 RS11940 WP 000350195.1     NKHILTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTS   231
NTDB id 1176 A1552VC RS01160 WP 000350195.1   NKHILTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTS   231
NTDB id 1283 ACE17W RS02630 WP 010947729.1    YEHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTN   231
NTDB id 1259 GCO85 RS10305 WP 010947729.1     YEHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTN   231
NTDB id 1202 PSJM300 01600 AFN76400.1         YHHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTT   231
NTDB id 1194 PAKAF RS01995 WP 003084552.1     YHHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTT   231
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NTDB id 1060 ABD1 RS04380 WP 000355489.1      YDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTT   231
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consensus                                       !!***!!!*!!*!  *******!*****! **  !!***!!**!!*!!*!!*!* !** *!***!!!!!!***!!!**
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NTDB id 152136 CUREO RS06960 WP 050335617.1   SAMQTISRIVDSFDGSEQTQIRNMLSVSLSAIISQSLLPK.IGKGRLAVHEILVNNHAIANLIREDKTQQIYSQMQLNQQ   318
NTDB id 1307 DR RS10055 WP 010888596.1        SAPESIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGA.   314
NTDB id 1116 NGFG RS10615 WP 003690200.1      GAAKTVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQ.   310
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NTDB id 1185 GTF74 RS11940 WP 000350195.1     SAAKTIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGA.   309
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NTDB id 1194 PAKAF RS01995 WP 003084552.1     SAAKTIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIKK.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGG.   309
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1     SAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGA.   309
NTDB id 1060 ABD1 RS04380 WP 000355489.1      SAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGA.   309
NTDB id 1040 HON27 RS13360 WP 000355489.1     SAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGA.   309
consensus                                     *!*****!**************** *!***! ****! !***  ***!****!**** ******!!* ******* *****
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NTDB id 1019 ACIAD RS04205 WP 004922051.1     ELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERK.........MTFDGQRRNLK   383
NTDB id 152136 CUREO RS06960 WP 050335617.1   ETGMVTQTQALLQALNKRLISKESALAYTTNRQELVK.......A....LGGE.............................   360
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NTDB id 1283 ACE17W RS02630 WP 010947729.1    AKGMQTLDQHLTELVNKNIISKHTAHEAALNK.SLF.......................................................   344
NTDB id 1259 GCO85 RS10305 WP 010947729.1     AKGMQTLDQHLTELVNKNIISKHTAHEAALNK.SLF.......................................................   344
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NTDB id 1194 PAKAF RS01995 WP 003084552.1     SLGMQTLDMCLKGLVAKGLISRENAREKAKIP.ENF.......................................................   344
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1     NHGMTTLDQSLKGLVSRGVISPQTARTAAKQP.ESFL......................................................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1      NHGMTTLDQSLKGLVARGVISPQTARTAAKQP.ESFL......................................................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1     NHGMTTLDQSLKGLVARGVISPQTARTAAKQP.ESFL......................................................   345
consensus                                       !!*!*** *  ** ***** *   *    * *
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consensus
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X non conserved
X similar
X ≥ 50% conserved