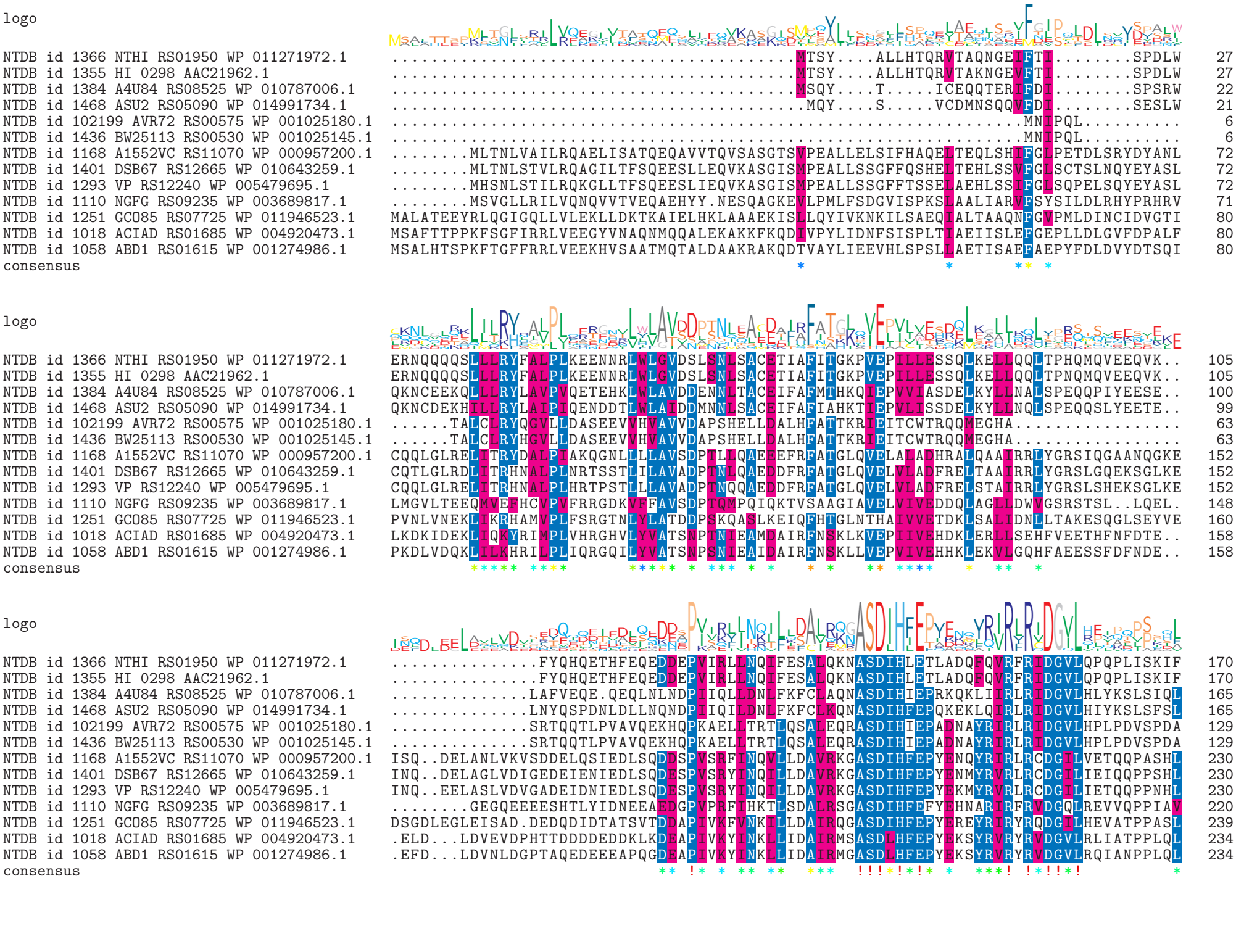

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NTDB id 1384 A4U84 RS08525 WP 010787006.1 ..........MSQY....T.....ICEQQTERIFDI.........SPSRW 22
NTDB id 1468 ASU2 RS05090 WP 014991734.1 ..........MQY....S.....VCDMNSQQVFDI.........SESLW 21
NTDB id 102199 AVR72 RS00575 WP 001025180.1 ....MNIPQL.......... 6
NTDB id 1436 BW25113 RS00530 WP 001025145.1 ....MNIPQL.......... 6
NTDB id 1168 A1552VC RS11070 WP 000957200.1 ........MLTNLVAILRQAELISATQEQAVVTQVSASGTSVPEALLELSIFHAQELTEQLSHIFGLPETDLSRYDYANL 72
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logo
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NTDB id 1058 ABD1 RS01615 WP 001274986.1 .EFD...LDVNLDGPTAQEDEEEAPQGDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRYRVDGVLRQIANPPLQL 234
consensus

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consensus                                    *  **   !*!** **!!*! !*!!!!*  ***      ***!******* *!!!*!*!**       *  *   !!*  *  !*   *
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logo



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NTDB id 1384 A4U84 RS08525 WP 010787006.1    LNALKQPQGLILVTGPTGSGKSITLYSALNYLNQMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTFLRQDPDI  324
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NTDB id 1168 A1552VC RS11070 WP 000957200.1  LNALKRPQGMILMTGPTGSGKTVSLYTGLRILNTSQINISTAEDPVEINLSGINQVQVQPKIGFGFAEALRSFLRQDPDV  389
NTDB id 1401 DSB67 RS12665 WP 010643259.1    LDALRRPQGMILMTGPTGSGKTVSLYTGLSILNKPEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDV  389
NTDB id 1293 VP RS12240 WP 005479695.1       LEALRRPQGMILMTGPTGSGKTVSLYTGLNILNKPEINISTAEDPVEINLSGINQVQVQPKIGFGFAEALRSFLRQDPDV  389
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consensus                                    *  **   !*!**!*!!!!!!!!!***!!**!*  !!*  *  *!  **!!!*!!  *  !***!  ********  !    !***!!!!!!*
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logo



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NTDB id 1168 A1552VC RS11070 WP 000957200.1  VMVGEIRDLETAEIAVKAAQTGHLVLSTLHTNSAAETVIRLANMGVEPFNLASSLSLIIAQRLARRLCKHCKIAV.RPSA  468
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NTDB id 1251 GCO85 RS07725 WP 011946523.1    IMVGEIRDLETAEIAIKAAQTGHLVLSTLHTNSAAETLNRLVNMGIPTFNIASSVTLIIAQRLARKLCNQCKAVRDDFTN  478
NTDB id 1018 ACIAD RS01685 WP 004920473.1    IMVGEIRDLETAEIAIKAAQTGHLVMSTLHTNNAAETLTRLRNMGVASFNIATSVNLVIAQRLARRLCSQCKRPI.QVPE  472
NTDB id 1058 ABD1 RS01615 WP 001274986.1     IMVGEIRDLETAEIAIKAAQTGHMVMSTLHTNSAPETLTRLRNMGVPSFNIATSVNLVIAQRLARRLCSQCKIPA.DIPK  472
consensus                                    *!*!!!!!  **!**!**!*!!!!*!*!!!!!!  *  ***  !* **!*  *  *  ***  !**!!!!  !***!   !*
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logo



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NTDB id 1355 HI 0298 AAC21962.1              .....................LANSCDCH.QGYRGRIGVYQFLHWQQN.............DY.....QTDFKNLRAS   441
NTDB id 1384 A4U84 RS08525 WP 010787006.1    .....................GC..DECY.QGYRGRIGVYQCLSRTAK.............KFDKQTAYLDFSSLRES   439
NTDB id 1468 ASU2 RS05090 WP 014991734.1     .....................GC..DNCY.HGYKGRTGIYQLLAKQGK.............FFEKSTAYLDYDNLRAS   439
NTDB id 102199 AVR72 RS00575 WP 001025180.1  I........PDNVWPSPLPHWQAPGC..VHCY.HGFYGRTALFEVLPITPVIRQLISANTDVESLETHARQAGMRTLFEN   436
NTDB id 1436 BW25113 RS00530 WP 001025145.1  I........PDNVWPSPLPHWQAPGC..VHCY.HGFYGRTALFEVLPITPVIRQLISANTDVESLETHARQAGMRTLFEN   436
NTDB id 1168 A1552VC RS11070 WP 000957200.1  LLQSQFAFQPNEIL....YEANAAGC..NECT.GGYSGRVGIYEVMAFNTELAEAIMQRASIHQIERLAKANGMQTLQES   541
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NTDB id 1293 VP RS12240 WP 005479695.1       QLQH.LGIQTTDNI....FRANPDGC..NFCT.HGYSGRTGIYEVMRFDESLSEALIKGASVHELEKLAIANGMSTLQMS   540
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consensus                                                              **    *!    !**!! ******      *    *          *    *    *    *   *
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logo



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NTDB id 1468 ASU2 RS05090 WP 014991734.1     AEQKLAANITTVDEVKRVLGDG...   461
NTDB id 102199 AVR72 RS00575 WP 001025180.1  GCLAVEQGLTTFEELIRVLGMPHGE   461
NTDB id 1436 BW25113 RS00530 WP 001025145.1  GCLAVEQGLTTFEELIRVLGMPHGE   461
NTDB id 1168 A1552VC RS11070 WP 000957200.1  GLEKLREGITSFAELQRVLYF....   562
NTDB id 1401 DSB67 RS12665 WP 010643259.1    GIEKLKQGITSFRELQRVLYF....   561
NTDB id 1293 VP RS12240 WP 005479695.1       GIEKLKQGITSFSELQRVLYF....   561
NTDB id 1110 NGFG RS09235 WP 003689817.1     GILKIMQGITSLEEVTANTND....   558
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NTDB id 1018 ACIAD RS01685 WP 004920473.1    GLKKVMQGVTSLQEINRVTSE....   570
NTDB id 1058 ABD1 RS01615 WP 001274986.1     GLKKVMQGVTSLQEVNRVTSE....   570
consensus                                    **  **  ***!*   !* ***
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X non conserved

X similar

X ≥ 50% conserved