logo

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NTDB id 626 LCA RS04960 WP 011374694.1          ....MLTK....NQLLLKVHLAAGFGTISELRLAAWLST................SHNWALSALEIAQIARLPERYWPTF    56
NTDB id 114 BSU 16110 NP 389493.1               .........MDQAAVCLTICRINQLLS...PSLLLKWWKADPSMSLTSPVLQTVTRDQIKAAAL.KNEIEQFYPKLPR..    65
NTDB id 1361 HI 0985 AAC22646.1                 ........MNDITYTLLRLMQVPKLGGVGIDKILSNITLNE..LLNYD.......DVAFRQMGWGAIQIRRWFKPEAK..    61
NTDB id 1388 A4U84 RS04945 WP 062924099.1       .........MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGE..FCQYD.......KTALKQMGWNERQIQRWFNPEHK..    60
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NTDB id 1021 ACIAD RS00975 WP 004930462.1       ....MITILSSHHYHTIKVWYVLQHSLSGFKKLIHYFGDCETALQPQR.......LSDWQKLGLHANHLKRLEEVHTLQG    69
NTDB id 599 KW2 RS05940 WP 021037268.1          ......MITNFDLFRWKKAGMT....NLGVNKLLKFFRKYDRKISLRQ.......MGQVAQVKSIPNFIEQYKNQDVKKL    63
NTDB id 407 SMU RS04605 WP 002262865.1          .......MDNFQLFKLKKAGLT....NLNILNIIDYEERTQKSLSLRD.......MAVVSKNKKPLIFMEHYKNLDSKAL    62
NTDB id 525 SMSK321 RS06295 WP 000705298.1      .....MKITNYEIYKLKKSGLT....NQQILKVLEYGENVDQELLLGD.......IADISGCRNPAVFMERYFQIDDAHL    64
NTDB id 267 KZH43 RS05590 WP 000705306.1        .....MKITNYEIYKLKKSGLT....NQQILKVLEYGENVDQELLLGD.......IADISGCRNPAVFMERYFQIDDAHL    64
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NTDB id 192 SPR RS05715 WP 000705306.1          .....MKITNYEIYKLKKSGLT....NQQILKVLEYGENVDQELLLGD.......IADISGCRNPAVFMERYFQIDDAHL    64
NTDB id 157 SP RS06205 WP 000705306.1           .....MKITNYEIYKLKKSGLT....NQQILKVLEYGENVDQELLLGD.......IADISGCRNPAVFMERYFQIDDAHL    64
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NTDB id 1120 NGFG RS10355 WP 020997408.1        .......MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALS.AP.......AEQVAPAVRHKHALEAWRNAEKRAL    65
NTDB id 1122 OK783 RS09595 WP 003705341.1       .......MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALS.AP.......AEQVAPAVRHKHALEAWRNAEKRAL    65
NTDB id 1152 A1552VC RS00200 WP 000654772.1     .......MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQL.QS.FT.......PKQWLACGLKPEQLVFLTTQAAK..    62
NTDB id 1399 DSB67 RS15600 WP 010645755.1       ....MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNI.VQ.YS.......TEQLQLLGLTAKQLQAW.SQVDK..    64
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NTDB id 1250 GC085 RS13065 WP 027219989.1       .........MNNLQPLLALNRMKRIGPRTVLKLQK.RWPDLN.LM.F..........QLSSVDLEEAGLPSWLAQTIKNF    58
consensus                                              *   ***  **** *       *****      *  *              *         **** * * * *
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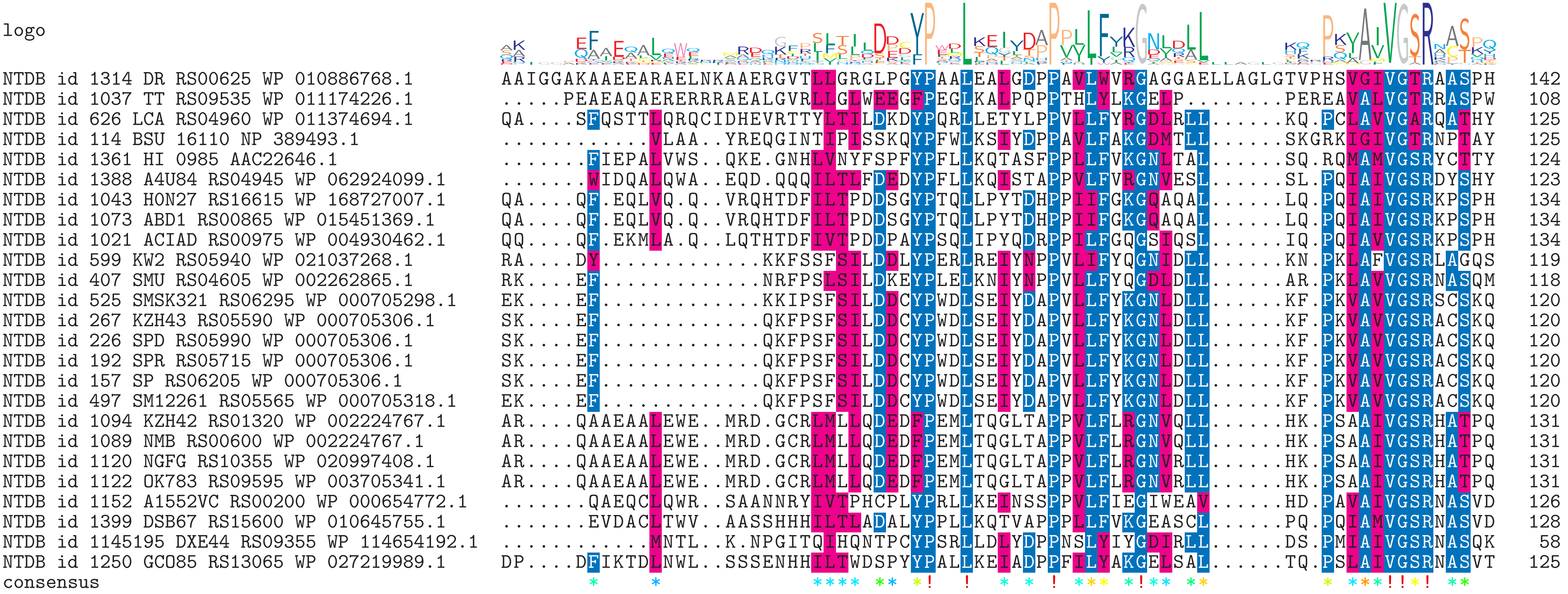

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NTDB id 1037 TT RS09535 WP 011174226.1           .....PEAEAQAERERRRAEALGVRLLGLWEEGFPEGLKALPQPPTHLYLKGELP........PEREAVALVGTRRASPW  108
NTDB id 626 LCA RS04960 WP 011374694.1           QA....SFQSTTLQRQCIDHEVRTTYLTILDKDYPQRLLETYLPPVLLFYRGDLRLL......KQ.PCLAVVGARQATHY  125
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NTDB id 1361 HI 0985 AAC22646.1                  .......FIEPALVWS..QKE.GNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTAL......SQ.RQMAMVGSRYCTTY  124
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NTDB id 525 SMSK321 RS06295 WP 000705298.1       EK....EF.............KKIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLL......KF.PKVAVVGSRSCSKQ  120
NTDB id 267 KZH43 RS05590 WP 000705306.1         SK....EF.............QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLL......KF.PKVAVVGSRACSKQ  120
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NTDB id 157 SP RS06205 WP 000705306.1            SK....EF.............QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLL......KF.PKVAVVGSRACSKQ  120
NTDB id 497 SM12261 RS05565 WP 000705318.1       EK....EF.............QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLL......KF.PKVAVVGSRACSKQ  120
NTDB id 1094 KZH42 RS01320 WP 002224767.1        AR....QAAEAALEWE..MRD.GCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLL......HK.PSAAIVGSRHATPQ  131
NTDB id 1089 NMB RS00600 WP 002224767.1          AR....QAAEAALEWE..MRD.GCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLL......HK.PSAAIVGSRHATPQ  131
NTDB id 1120 NGFG RS10355 WP 020997408.1         AR....QAAEAALEWE..MRD.GCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLL......HK.PSAAIVGSRHATPQ  131
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NTDB id 1152 A1552VC RS00200 WP 000654772.1      .......QAEQCLQWR..SAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAV......HD.PAVAIVGSRNASVD  126
NTDB id 1399 DSB67 RS15600 WP 010645755.1        .......EVDACLTWV..AASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCL......PQ.PQIAMVGSRNASVD  128
NTDB id 1145195 DXE44 RS09355 WP 114654192.1     ............MNTL..K.NPGITQIHQNTPCYPSRLLDLYDPPNSLYIYGDIRLL......DS.PMIAIVGSRNASQK   58
NTDB id 1250 GC085 RS13065 WP 027219989.1        DP....DFIKTDLNWL..SSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSAL......TQ.PSLAIVGSRNASVT  125
consensus                                               *    *            **** ** *!  !  * * ! *** *!** **         * ***!!*! **
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NTDB id 1037 TT RS09535 WP 011174226.1       ALAFARKLARELSEAGLWVVSGLARGIDREAHLGALEA.....GGRTLGVLGSALDRVYPPENRPLAQRM.....DLLSE    178
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NTDB id 114 BSU 16110 NP 389493.1             GKQVVNHLTKEICRKGWVIVSGLASGIDGMSHAASIKA.....KGRTIGVIAGGFQHIYPRENLQLADHM.AKHHILLSE    199
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NTDB id 1388 A4U84 RS04945 WP 062924099.1     GEHWAGHFSAELVKHQLAVTSGLAIGIDGFCHQRAANE.....NGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSE    198
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NTDB id 497 SM12261 RS05565 WP 000705318.1    GAKSVEKVIQGLEN.ELVIVSGLAKGIDTAAHMAALQN.....GGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSE    193
NTDB id 1094 KZH42 RS01320 WP 002224767.1     AMRIAKDFGKSLGGKGIPVVSGMASGIDTAAHQGALQA.....EGGTIAVWGTGIDRIYPPVNKNLAYEI.AEKGLIVSE    205
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consensus                                    *   *  *   *   ** **!!*! !*!***! ***        *****!****** *!!  ****** * *  *****!
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NTDB id 1145195 DXE44 RS09355 WP 114654192.1      LEPGLGPKAWHFPRRNRIIAALALGILVIEAAERSGSLITARLGVELGREIFAIPGSIHHPLSRGCHQLLQQGAKLVQTP   214
NTDB id 1250 GC085 RS13065 WP 027219989.1         FPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSV   279
consensus                                          * *** **  *!!*!!*****!* ***!*** **!!*!!!*  *** *******!***    * !** !***!!*** *
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NTDB id 1314 DR RS00625 WP 010886768.1        QDVLTELNWGLAPA....P..........................AVP.DLPPEQARVLRALQ..TPAT..LDDLAATTG   342
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NTDB id 114 BSU 16110 NP 389493.1             EDIFEELPERNVQYTEPF..............................................................   297
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NTDB id 1388 A4U84 RS04945 WP 062924099.1     EDILEAIAWQR....QSVHIQ.PSL.FDTKP......KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATD   346
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NTDB id 1122 OK783 RS09595 WP 003705341.1     DDILNECPGLLQNTGASSYSINKDTPDTGRRAVQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLA   363
NTDB id 1152 A1552VC RS00200 WP 000654772.1   QQIHQELKNALTWS......LSEQVPYQA........TLFSAVQSD.......EELPFPELLANVGIEATPIDILASRTQ   339
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NTDB id 1250 GC085 RS13065 WP 027219989.1     ADVLDELKIEHHQF......T.....SNK........PIFSLASGK.......E.....NLVKFIGFETTTIDQIIDRSG   328
consensus                                      *** **                                                                 * *
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NTDB id 1037 TT RS09535 WP 011174226.1           IPPERVLSLLTLLELKGLARALPGGRYGPG...   334
NTDB id 626 LCA RS04960 WP 011374694.1           .................................   288
NTDB id 114 BSU 16110 NP 389493.1                .................................   297
NTDB id 1361 HI 0985 AAC22646.1                  LSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1388 A4U84 RS04945 WP 062924099.1        MAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 1043 HON27 RS16615 WP 168727007.1        IPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1073 ABD1 RS00865 WP 015451369.1         IPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1021 ACIAD RS00975 WP 004930462.1        GSTAELTAQLMELELLGVCIQQSGRYLRCRSPY   383
NTDB id 599 KW2 RS05940 WP 021037268.1           .................................   282
NTDB id 407 SMU RS04605 WP 002262865.1           .................................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1       .................................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1         .................................   282
NTDB id 226 SPD RS05990 WP 000705306.1           .................................   282
NTDB id 192 SPR RS05715 WP 000705306.1           .................................   282
NTDB id 157 SP RS06205 WP 000705306.1            .................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1       .................................   282
NTDB id 1094 KZH42 RS01320 WP 002224767.1        MPAADLYAALLELELDGSVAAMPGGRYQRIRT.   397
NTDB id 1089 NMB RS00600 WP 002224767.1          MPAADLYAALLELELDGSVAAMPGGRYQRIRT.   397
NTDB id 1120 NGFG RS10355 WP 020997408.1         MPAADLYAALLELELDGSVAAMPGGRYQRIRT.   395
NTDB id 1122 OK783 RS09595 WP 003705341.1        MPAADLYAALLELELDGSVAAMPGGRYQRIRT.   395
NTDB id 1152 A1552VC RS00200 WP 000654772.1      IPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
NTDB id 1399 DSB67 RS15600 WP 010645755.1        IPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.   369
NTDB id 1145195 DXE44 RS09355 WP 114654192.1     .................................   224
NTDB id 1250 GC085 RS13065 WP 027219989.1        YGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
consensus                                             *   *  *** *      *
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X non conserved

X similar

X ≥ 50% conserved