logo



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NTDB id 1347 HI 0435 AAC22094.1              ..................................................................................   0
NTDB id 1373 NTHI RS02645 WP 011272046.1     ..................................................................................   0
NTDB id 1433 BW25113 RS17570 WP 000815987.1  ..................................................................................   0
NTDB id 1193 PAKAF RS26665 WP 003161249.1    MNSGLSRLGIALLAAMFAPALLAADLEKLDVAALPGDRVELKLQFDEPVAAPRGYTIEQPARIALDLPGVQNKLGTKNRE   80
NTDB id 1186 GTF74 RS01320 WP 000788426.1    ..................................................................................   0
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ..................................................................................   0
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consensus
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logo



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NTDB id 126318 DP17 RS01145 WP 002440103.1   ..................................................................................   0
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NTDB id 1193 PAKAF RS26665 WP 003161249.1    LSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNNLFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPYVPAG   160
NTDB id 1186 GTF74 RS01320 WP 000788426.1    ..............MKNGLKT..YVAQTW......LTLWVGLALCA..................SS....MVFSAESATA   36
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ..............MKNGLKT..YVAQTW......LTLWVGLALCA..................SS....MVFSAESATA   36
NTDB id 1408 DSB67 RS13980 WP 010643500.1    ............MKMRHGLTLTPRKLTGL......FSLWFSLLLAP.....................FVAAEEVQS   37
consensus
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logo

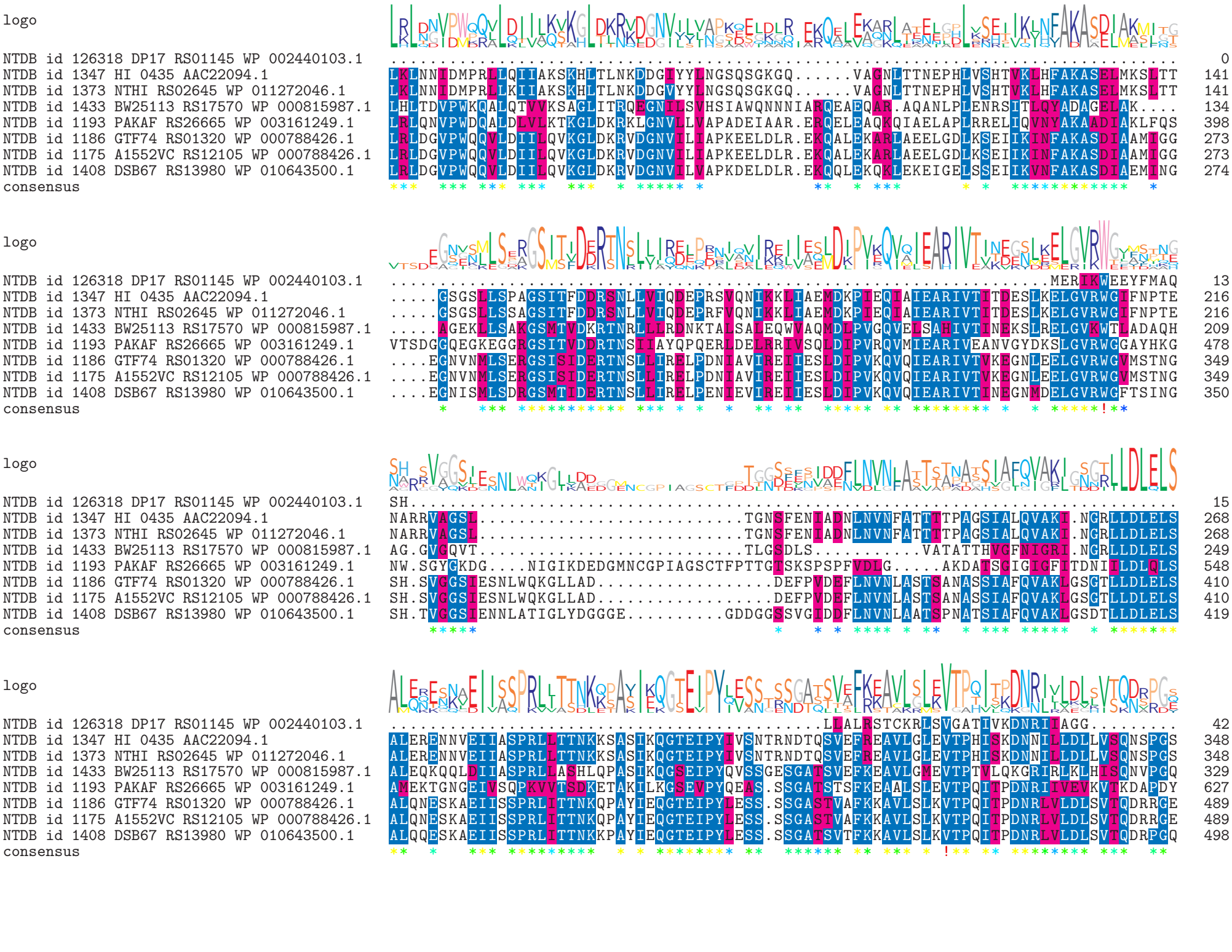


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NTDB id 1347 HI 0435 AAC22094.1              ..................................................................................   0
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NTDB id 1433 BW25113 RS17570 WP 000815987.1  ..................................................................................   0
NTDB id 1193 PAKAF RS26665 WP 003161249.1    RAIRNIDFQRGEKGEGNVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRTSITI   240
NTDB id 1186 GTF74 RS01320 WP 000788426.1    NQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV   116
NTDB id 1175 A1552VC RS12105 WP 000788426.1  NQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVV   116
NTDB id 1408 DSB67 RS13980 WP 010643500.1    NSLKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTTRLVA   117
consensus
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logo



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NTDB id 1373 NTHI RS02645 WP 011272046.1     ......MKKYFLKCGYFLVCFCLPLIV.......FANPKTDNECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNIS   67
NTDB id 1433 BW25113 RS17570 WP 000815987.1  ............MKQW.IAALLLML........IPGVQAAKPQKVTLMVDDVPVAQVLQALAEQEKLNLVVSPDVSGTVS   59
NTDB id 1193 PAKAF RS26665 WP 003161249.1    EPSGLYDYLVYQTDNR.LTVSIKPMTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQGNIT   319
NTDB id 1186 GTF74 RS01320 WP 000788426.1    TVDGEFQHDYTLKGKY.LEVVISKLK.ADEKPKPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLT   194
NTDB id 1175 A1552VC RS12105 WP 000788426.1  TVDGEFQHDYTLKGKY.LEVVISKLK.ADEKPKPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLT   194
NTDB id 1408 DSB67 RS13980 WP 010643500.1    YIDEDYSHDYRLTGRY.LEVKVGKLK.ANEKAPDKSILDKEGKLISINFQDIPVRNVLQLIADYNQFNLVVSDSVEGNLT   195
consensus                                              * *   * *   * *                 *   ***   **** **** *** *  ****** * ****
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logo
NTDB id 126318 DP17 RS01145 WP 002440103.1 0
NTDB id 1347 HI 0435 AAC22094.1 LKLNNIDMPRLLQIIAKSKHLTLNKDDGIYYYLNGSQSGKGQ.....VAGNLTTNEPHLVSHTVKLHFAKASELMKSLTT 141
NTDB id 1373 NTHI RS02645 WP 011272046.1 LKLNNIDMPRLLKIIAKSKHLTLNKDDGVYYYLNGSQSGKGQ.....VAGNLTTNEPHLVSHTVKLHFAKASELMKSLTT 141
NTDB id 1433 BW25113 RS17570 WP 000815987.1 LHLTDVPWKQALQTVVKSAGLITRQEGNILSVHSIAWQNNNIARQEAEQAR.AQANLPLENRSITLQYADAGELAK.... 134
NTDB id 1193 PAKAF RS26665 WP 003161249.1 LRLQNVPWDQALDLVLKTKGLDKRKLGNVLLVAPADEIAAR.ERQELEAQKQIAELAPLRRELIQVNYAKAADIAKLFQS 398
NTDB id 1186 GTF74 RS01320 WP 000788426.1 LRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLR.EKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGG 273
NTDB id 1175 A1552VC RS12105 WP 000788426.1 LRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLR.EKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGG 273
NTDB id 1408 DSB67 RS13980 WP 010643500.1 LRLDGVPWQQVLDIILQVKGLDKRVDGNVILVAPKDELDLR.EKQQLEKQKLEKEIGELSSEIIKVNFAKASDIAEMING 274
consensus
logo
NTDB id 126318 DP17 RS01145 WP 002440103.1 .....MERIKWEEYFMAQ 13
NTDB id 1347 HI 0435 AAC22094.1 .....GSGSLLSPAGSITFDDRSNLLVIQDEPRSVQNIKKLIAEMDKPIEQIAIEARIVTITDESLKELGVRWGIFNPTE 216
NTDB id 1373 NTHI RS02645 WP 011272046.1 .....GSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIKKLIAEMDKPIEQIAIEARIVTITDESLKELGVRWGIFNPTE 216
NTDB id 1433 BW25113 RS17570 WP 000815987.1 .....AGEKLLSAKGSMTVDKRTNRLLLRDNKTALSALEQWVAQMDLPVGQVELSAHIVTINEKSLRELGVKWTLADAQH 209
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NTDB id 1186 GTF74 RS01320 WP 000788426.1 ....EGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQVQIEARIVTVKEGNLEELGVRWGVMSTNG 349
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NTDB id 1408 DSB67 RS13980 WP 010643500.1 ....EGNISMLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLDIPVKQVQIEARIVTINEGNMDELGVRWGFTSING 350
consensus
logo
NTDB id 126318 DP17 RS01145 WP 002440103.1 SH..... 15
NTDB id 1347 HI 0435 AAC22094.1 NARRVAGSL.....TGNSFENIADNLNVNFATTTTPAGSIALQVAKI.NGRLLDLELS 268
NTDB id 1373 NTHI RS02645 WP 011272046.1 NARRVAGSL.....TGNSFENIADNLNVNFATTTTPAGSIALQVAKI.NGRLLDLELS 268
NTDB id 1433 BW25113 RS17570 WP 000815987.1 AG.GVGQVT.....TLGSDLS.....VATATTHVGFNIGRI.NGRLLDLELS 249
NTDB id 1193 PAKAF RS26665 WP 003161249.1 NW.SGYGKDG....NIGIKDEDGMNCGPIAGSCTFPTTGTSKSPSPFVDLG.....AKDATSGIGIGFITDNIILDLQLS 548
NTDB id 1186 GTF74 RS01320 WP 000788426.1 SH.SVGGSIESNLWQKGLLAD.....DEFPVDEFLNVNLASTSANASSIAFQVAKLGSGTLLDLELS 410
NTDB id 1175 A1552VC RS12105 WP 000788426.1 SH.SVGGSIESNLWQKGLLAD.....DEFPVDEFLNVNLASTSANASSIAFQVAKLGSGTLLDLELS 410
NTDB id 1408 DSB67 RS13980 WP 010643500.1 SH.TVGGSIENNLATIGLYDGGGE.....GDDGGSSVGIDDFLNVNLAATSPNATSIAFQVAKLGSDTLLDLELS 419
consensus
logo
NTDB id 126318 DP17 RS01145 WP 002440103.1 .....LLALRSTCKRLSVGATIVKDNRIIAGG..... 42
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NTDB id 1373 NTHI RS02645 WP 011272046.1 ALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLEVTPHISKDNNILLDLLVSQNSPGS 348
NTDB id 1433 BW25113 RS17570 WP 000815987.1 ALEQKQQLDIIASPRLLASHLQPASIKQGSEIPYQVSSGESGATSVEFKEAVLGMEVTPTVLQKGRIRLKLHISQNVPGQ 329
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NTDB id 1186 GTF74 RS01320 WP 000788426.1 ALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESS.SSGASTVAFKKAVLSLKVTPQITPDNRLVLDLSVTQDRRGE 489
NTDB id 1175 A1552VC RS12105 WP 000788426.1 ALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESS.SSGASTVAFKKAVLSLKVTPQITPDNRLVLDLSVTQDRRGE 489
NTDB id 1408 DSB67 RS13980 WP 010643500.1 ALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESS.SSGATSVTFKKAVLSLKVTPQITPDNRLVLDLSVTQDRPGQ 498
consensus




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NTDB id 126318 DP17 RS01145 WP 002440103.1   .....YNGSVAGEVHCIDEGCLIEDGHCIRTIHAEMNALLQCAKQGVSTEGATIYVTHFPCLNCTKSIIQAGIKTIYYAQ   117
NTDB id 1347 HI 0435 AAC22094.1              RVAYGQNEVVSIDKQEINTQVFAKDGETIVL.............GGVFHDTITKSEDKVPLLGDIPV......IKRLFSK   409
NTDB id 1373 NTHI RS02645 WP 011272046.1     RVAYGQNEVVSIDKQEINTQVFAKDGETIVL.............GGVFHDTITKSEDKVPLLGDIPV......IKRLFSK   409
NTDB id 1433 BW25113 RS17570 WP 000815987.1  VLQQADGEVLAIDKQEIETQVEVKSGETLAL.............GGIFTRKNKSGQDSVPLLGDIPW......FGQLFRH   390
NTDB id 1193 PAKAF RS26665 WP 003161249.1    QNM..LNGVPPINKNEVNAKILVNDGETIVI.............GGVFSNEQSKSVEKVPFLGELPY......LGRLFRR   686
NTDB id 1186 GTF74 RS01320 WP 000788426.1    TVKTGTGEAVSIDTQRIGTQVLVNNGETVVL.............GGIFQHSINNSVDKVPLLGDLPV......LGALFRR   550
NTDB id 1175 A1552VC RS12105 WP 000788426.1  TVKTGTGEAVSIDTQRIGTQVLVNNGETVVL.............GGIFQHSINNSVDKVPLLGDLPV......LGALFRR   550
NTDB id 1408 DSB67 RS13980 WP 010643500.1    VVKTGTGEAVAIDTQRIGTQVLVNNGETVVL.............GGIFQHSITNSVDKVPLLGDLPL......LGALFRR   559
consensus                                     * * * ** * * ***** !***** *!** *** *****!*!***** ** ****
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NTDB id 1373 NTHI RS02645 WP 011272046.1     ESERHQKRE.........LVIFVTPHILKAGETLEALKQKSAGKK   445
NTDB id 1433 BW25113 RS17570 WP 000815987.1  DGKEDERRE.........LVVFITPRLVSSE..............   412
NTDB id 1193 PAKAF RS26665 WP 003161249.1    DTVTDRKNE.........LLVFLTPRIMNNQAIAIGR........   714
NTDB id 1186 GTF74 RS01320 WP 000788426.1    TYEQMGKSE.........LLIFVTPKVVIQ...............   571
NTDB id 1175 A1552VC RS12105 WP 000788426.1  TYEQMGKSE.........LLIFVTPKVVIQ...............   571
NTDB id 1408 DSB67 RS13980 WP 010643500.1    SYENVGKSE.........LLIFVTPKVVIQ...............   580
consensus                                    * *   * *          ******!*** *
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X non conserved

X similar

X ≥ 50% conserved