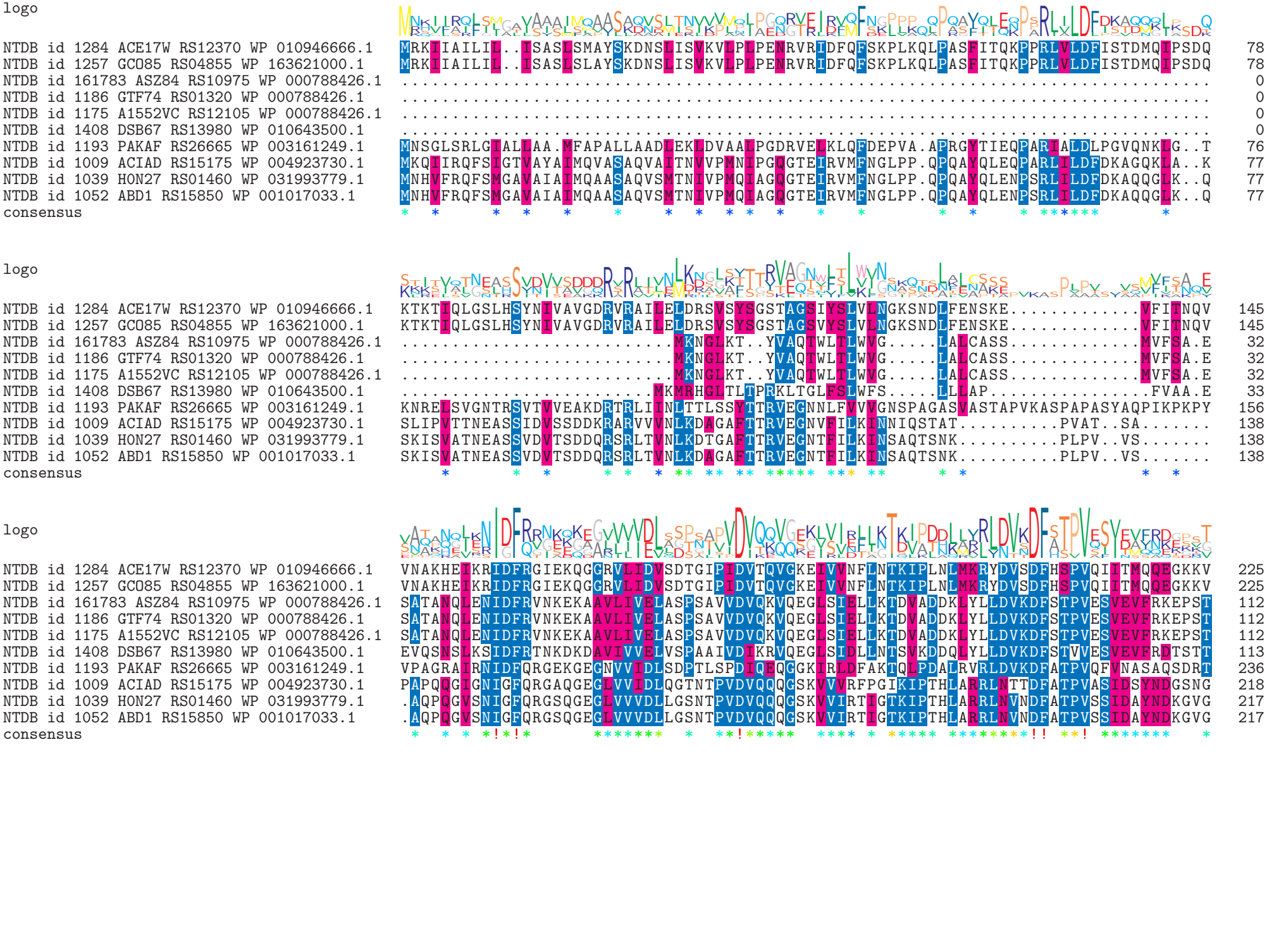

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NTDB id 1257 GCO85 RS04855 WP 163621000.1 MRKIIAILIL..ISASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ 78
NTDB id 161783 ASZ84 RS10975 WP 000788426.1 0
NTDB id 1186 GTF74 RS01320 WP 000788426.1 0
NTDB id 1175 A1552VC RS12105 WP 000788426.1 0
NTDB id 1408 DSB67 RS13980 WP 010643500.1 0
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NTDB id 1009 ACIAD RS15175 WP 004923730.1 MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K 77
NTDB id 1039 HON27 RS01460 WP 031993779.1 MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q 77
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consensus
logo
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NTDB id 1257 GCO85 RS04855 WP 163621000.1 KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSKE.....VFITNQV 145
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NTDB id 1052 ABD1 RS15850 WP 001017033.1 SKISVATNEASSVDVTSDDQRSRLTVNLKDAGAFTTRVEGNTFILKINSAQTSNK.....PLPV..VS..... 138
consensus
logo
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NTDB id 1009 ACIAD RS15175 WP 004923730.1 PAPQQGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVVRFPGIKIPTHLARRLNTTDFATPVASIDSYNDGSNG 218
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consensus

logo



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NTDB id 1193 PAKAF RS26665 WP 003161249.1   SITIEPSGLYDYLVYQTDNRLTVSIKPMTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG  316
NTDB id 1009 ACIAD RS15175 WP 004923730.1   VISIQSTGSYEYMAYQAENKLTISLKRPQDNV.RLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTNINMVTADSVQG  297
NTDB id 1039 HON27 RS01460 WP 031993779.1   VITIQSSGSYEYMAYQAENKLTISLKRPQDKN.VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSVQG  296
NTDB id 1052 ABD1 RS15850 WP 001017033.1    VITIQSSGSYEYMAYQAENKLTISLKRPQDKN.VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSVQG  296
consensus                                    *** * **  *  **  * * * * ** ***      *     **!***!**!!*! *! !!!!*!!****!*!**!*!*!
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logo



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NTDB id 1284 ACE17W RS12370 WP 010946666.1   DITLRLNDIPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMEEEQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLI  385
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NTDB id 1193 PAKAF RS26665 WP 003161249.1   NITLRLQNVPWDQALDLVLKTKGLDKRKLGNVLLVAPADEIAARERQELEAQKQIAELAPLRRELIQVNYAKAADIAKLF  396
NTDB id 1009 ACIAD RS15175 WP 004923730.1   NITLHLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDEAKAIAQSTKLAPLQTEYILLKYAKAADIEKLI  377
NTDB id 1039 HON27 RS01460 WP 031993779.1   NITLRLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVAELIKAEEEEAKAVAQSVKLAPLQTEYIQLKYAKAGDIMCLI  376
NTDB id 1052 ABD1 RS15850 WP 001017033.1    NITLRLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVAELIKAEEEEAKAVAQSVKLAPLQTEYIQLKYAKAGDIMCLI  376
consensus                                   **!!*!  **!!*!*!!**!  ***!!!!* !!!**************!** *   *  * *********!****!!!*!!****
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logo



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NTDB id 1257 GCO85 RS04855 WP 163621000.1   KDKQ.N.........................SLLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQV  434
NTDB id 161783 ASZ84 RS10975 WP 000788426.1 GGEGNV.........................NMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV  321
NTDB id 1186 GTF74 RS01320 WP 000788426.1   GGEGNV.........................NMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV  321
NTDB id 1175 A1552VC RS12105 WP 000788426.1 GGEGNV.........................NMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQV  321
NTDB id 1408 DSB67 RS13980 WP 010643500.1   NGEGNI.........................SMLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLDIPVKQV  322
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NTDB id 1052 ABD1 RS15850 WP 001017033.1    TQGSNNSNGLQHTSGGGTSTSTNLNTGVDSLGNNVGSLLSPRGTITQDDRTNTLIINDTAQSIDQIRKMIDLLDVQVKQV  456
consensus                                      *                          *****!!*****!*!!!******* * **  *!**** !!**!*!!
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logo



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NTDB id 1257 GCO85 RS04855 WP 163621000.1   LIEARIVEVTKDFSQDIGIRWGVSRPTHL......SGTLEGA.......NELARG.TAPANVVPL.....ERRLNLDLAA  495
NTDB id 161783 ASZ84 RS10975 WP 000788426.1 QIEARIVTVKEGNLEELGVRWGVMSTNGSHS...VGGSIESNLWQKGLLAD.........DEFPV.....DEFLNVNLAS  384
NTDB id 1186 GTF74 RS01320 WP 000788426.1   QIEARIVTVKEGNLEELGVRWGVMSTNGSHS...VGGSIESNLWQKGLLAD.........DEFPV.....DEFLNVNLAS  384
NTDB id 1175 A1552VC RS12105 WP 000788426.1 QIEARIVTVKEGNLEELGVRWGVMSTNGSHS...VGGSIESNLWQKGLLAD.........DEFPV.....DEFLNVNLAS  384
NTDB id 1408 DSB67 RS13980 WP 010643500.1   QIEARIVTINEGNMDELGVRWGFTSINGSHT...VGGSIENNLATIGLYDGGGEG.DDGGSSVGI.....DDFLNVNLAA  393
NTDB id 1193 PAKAF RS26665 WP 003161249.1   MIEARIVEANVGYDKSLGVRWGGAYHKGNWSG....YGKDGN.IGIKDEDGMNCGPIAGSCTFPTTGTSKSPSPFVDLGA  525
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NTDB id 1039 HON27 RS01460 WP 031993779.1   MVEARIVRASTSFTKELGVKWGILSQGITNNNNLLVGGSETTLWNLREPK...KDETTGGYKYTI...ERPDNLNVDLGV  530
NTDB id 1052 ABD1 RS15850 WP 001017033.1    MVEARIVRASTSFTKELGVKWGILSQGITNNNNLLVGGSETTLWNLREPK...KDETTGGYKYTI...ERPDNLNVDLGV  530
consensus                                   **!!!!!! ** *** **!**!!***  ** *  * **********     *         *  ***      ** ****!*
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logo



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NTDB id 161783 ASZ84 RS10975 WP 000788426.1 T...SANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFK  458
NTDB id 1186 GTF74 RS01320 WP 000788426.1   T...SANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFK  458
NTDB id 1175 A1552VC RS12105 WP 000788426.1 T...SANASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFK  458
NTDB id 1408 DSB67 RS13980 WP 010643500.1   T...SPNATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSSGA...TSVTFK  467
NTDB id 1193 PAKAF RS26665 WP 003161249.1   K...DA.TSGIGIGFI.T.DNITLDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGA...TSTSFK  596
NTDB id 1009 ACIAD RS15175 WP 004923730.1   T...TTGASSIAFGLISL.SDFMLDLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAAGSTATTSFK  593
NTDB id 1039 HON27 RS01460 WP 031993779.1   S...NP.AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAGSTATTSFK  605
NTDB id 1052 ABD1 RS15850 WP 001017033.1    S...NP.AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAGSTATTSFK  605
consensus                                   *  ** ********** *  *!!!*!!!** ****!**!*!******** ! ***!***!!*****!*!   ****!!
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logo



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NTDB id 1257 GCO85 RS04855 WP 163621000.1   KAVLSLKVTPQITPDGKILMDLQINQDTPSPQT.FLGVP...AIITKEIQTNVLVNNGQTIVLGGIYKQDKNKVINRIPF  648
NTDB id 161783 ASZ84 RS10975 WP 000788426.1 KAVLSLKVTPQITPDNRLVLDLSVTQDRRGETV.KTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPL  537
NTDB id 1186 GTF74 RS01320 WP 000788426.1   KAVLSLKVTPQITPDNRLVLDLSVTQDRRGETV.KTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPL  537
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NTDB id 1408 DSB67 RS13980 WP 010643500.1   KAVLSLKVTPQITPDNRLVLDLSVTQDRPGQVV.KTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPL  546
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NTDB id 1052 ABD1 RS15850 WP 001017033.1    DALLSLNVTPSITPDGKIQMKLDISKDSVAG.AAPNGEL...ILNKNNINTNVLVDNGETVILGGVFEQTTMNSQTKVPF  681
consensus                                   *!*!!!*!!!*!!!! ****** ***!* *      ! *     * ** *****!!**!*!***!!** ** *******!*
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logo 

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NTDB id 1284 ACE17W RS12370 WP 010946666.1   FGELPVVGILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK   698
NTDB id 1257 GCO85 RS04855 WP 163621000.1    FGELPVVGILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK   698
NTDB id 161783 ASZ84 RS10975 WP 000788426.1  LGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.................   571
NTDB id 1186 GTF74 RS01320 WP 000788426.1    LGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.................   571
NTDB id 1175 A1552VC RS12105 WP 000788426.1  LGDLPVLGALFRRTYEQMGKSELLIFVTPKVVIQ.................   571
NTDB id 1408 DSB67 RS13980 WP 010643500.1    LGDLPLLGALFRRSYENVGKSELLIFVTPKVVIQ.................   580
NTDB id 1193 PAKAF RS26665 WP 003161249.1    LGELPYLGRLFRRDTVTDRKNELLVFLTPRIMNNQAIAIGR..........   714
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NTDB id 1039 HON27 RS01460 WP 031993779.1    FGDIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH..........   721
NTDB id 1052 ABD1 RS15850 WP 001017033.1     FGDIPVVGRLFRKDVKSDDKQELLIFVTPRIVNDTLARNH..........   721
consensus                                    *!**!**! !!***  **** !!!*!*!!*** * *
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X non conserved

X similar

X ≥ 50% conserved