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NTDB id 1471 ASU2 RS04565 WP 014991634.1     ..MAGINKVIIVGNLGNDPEMRTMPNGEAVANISVATSESWTDKNTGERREVTEWHRIVFYRRQAEVAGQYLRKGSQVYV  78
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV  78
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI  80
NTDB id 1447 BW25113 RS21080 WP 000168305.1  MASRGVNKVILVGNLGQDPEVRYMPNGGAVANITLATSESWRDKATGEMKEQTEWHRVVLFGKLAEVASEYLRKGSQVYI  80
NTDB id 498 SM12261 RS01980 WP 000282464.1   ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQN.GE..READFVNMVLWGKLAESLASYATKGSLISV  73
NTDB id 526 SMSK321 RS08825 WP 000282440.1   ....MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQN.GE..READFVNMVLWGRLAETLASYATKGSLISV  73
NTDB id 158 SP RS09595 WP 000282442.1        ....MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQN.GE..READFVNMVLWGRLAETLASYATKGSLISV  73
NTDB id 268 KZH43 RS08520 WP 000282467.1     ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQN.GE..READFVNMVLWGRLAETLASYATKGSLISV  73
NTDB id 227 SPD RS09110 WP 000282467.1       ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQN.GE..READFVNMVLWGRLAETLASYATKGSLISV  73
NTDB id 193 SPR RS08685 WP 000282467.1       ....MYNKVIMIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQN.GE..READFVNMVLWGRLAETLASYATKGSLISV  73
NTDB id 583 DLJ51 RS09560 WP 002962590.1     ....MYNKVILIGRLTAAPEMVKTPSNKSVTHITLAVNRRFKTQD.GE..RQADFVNVVFWGKLAESLVSYAGKGSLVSL  73
NTDB id 409 SMU RS08940 WP 002263454.1       ....MYNKVILIGRLVATPEMVKTPKDKSVTRVTLAVNRRFKSQD.GE..KQADFVNVVLWGRLAETIASYGSKGSLISL  73
NTDB id 112 BSU 36310 NP 391512.2           ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNAS.GE..IEADYVNCTLWRKTAENTALYCQKGSLVGV  73
NTDB id 113 BSU 40900 NP 391970.1           ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQS.GE..READFINCVTWRRQAENVANFLKKGSLAGV  73
NTDB id 22132 M28 RS06500 WP 011054759.1   ....MINNVVLVGRMTKDAELRYTASQVAVATFTLAVNRRFKEQN.GE..READFINCVIWRQSAENLANWAKKGALIGV  73
NTDB id 624 LCA RS00040 WP 011373726.1      ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNAN.GD..READFINCVIWRKSAENFANFTKKGSLVGV  73
consensus                                        **!*!***!***   ***   *  *    !*   **!*********  !*   **************!!  **  **  !!*** *
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NTDB id 1471 ASU2 RS04565 WP 014991634.1     EGRLKTRKWQDQNGQDRYTTEI....QGDVLQMLGGRNQGGDFGGNQGGWGNSAPAPQQ.S.Y..NQGNSGYGYDQTASR  150
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEI....QGDVLQMLDSRSSGGDFGGNQGSGWNQAPA.QT.N.Y..NQGGYSDNYAQNNNF  149
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQ...GGMNVPAQQG.S.W..GQPQQP...AKQHQP  150
NTDB id 1447 BW25113 RS21080 WP 000168305.1  EGQLRTRKWTDQSGQDRYTTEVVVN.VGGTMQMLGGRQ.GGGAPAG...GNIGGGQPQG.G.W..GQPQQP...QGGNQF  148
NTDB id 498 SM12261 RS01980 WP 000282464.1   DGELRTRRFEK.NGQMNYVTEV....LVTGFQLLESRAQRAMRENNAGQ...............................  117
NTDB id 526 SMSK321 RS08825 WP 000282440.1   DGELRTRRFEK.NGQMNYVAEV....LVTGFQLLESRAQRAMRENNAGQ...............................  117
NTDB id 158 SP RS09595 WP 000282442.1        DGELRTRRFEK.NGQMNYVTEV....LVTGFQLLESRAQRAMRENNAGQ...............................  117
NTDB id 268 KZH43 RS08520 WP 000282467.1     DGELRTRRFEK.NGQMNYVTEV....LVTGFQLLESRAQRAMRENNAGQ...............................  117
NTDB id 227 SPD RS09110 WP 000282467.1       DGELRTRRFEK.NGQMNYVTEV....LVTGFQLLESRAQRAMRENNAGQ...............................  117
NTDB id 193 SPR RS08685 WP 000282467.1       DGELRTRRFEK.NGQMNYVTEV....LVTGFQLLESRAQRAMRENNAGQ...............................  117
NTDB id 583 DLJ51 RS09560 WP 002962590.1     DGEIRTRHYEK.DGQTHYVTEI....LAQSFQLLESRAQRALRENNGAS...............................  117
NTDB id 409 SMU RS08940 WP 002263454.1       DGELRTRKYEK.DGVTHFVTEV....LGHSFQLLESRAQRAMRENNSEN...............................  117
NTDB id 112 BSU 36310 NP 391512.2           SGRIQTRSYENEEGVNVYVTEV....LADTVRFMDPKPREKAAD....................................  113
NTDB id 113 BSU 40900 NP 391970.1           DGRLQTRNYENQQGQRVFVTEV....QAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQN...  141
NTDB id 22132 M28 RS06500 WP 011054759.1   TGRIQTRNYENQQGQRVYVTEV....VADNFQMLESRNQQSG...QGNS...............................  115
NTDB id 624 LCA RS00040 WP 011373726.1      DGRLQTRNYENQQGQRVYVTEV....VVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQ...  139
consensus                                    *!  **!!***   *!*   ***!*     *    *********  *  **  ***
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NTDB id 1471 ASU2 RS04565 WP 014991634.1     PA...QQAAKQAAKPAQAEPPMDNFDDDIPF    178
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF    180
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MQ..QSAPQ.QYSQPQYNEPPM.DFDDDIPF    177
NTDB id 1447 BW25113 RS21080 WP 000168305.1  SGGAQSRPQQSAPAAPSNEPPM.DFDDDIPF    178
NTDB id 498 SM12261 RS01980 WP 000282464.1   .................DLADLVLEEEELPF    131
NTDB id 526 SMSK321 RS08825 WP 000282440.1   .................DLADLVLEEEELPF    131
NTDB id 158 SP RS09595 WP 000282442.1        .................DLADLVLEEEELPF    131
NTDB id 268 KZH43 RS08520 WP 000282467.1     .................DLADLVLEEEELPF    131
NTDB id 227 SPD RS09110 WP 000282467.1       .................DLADLVLEEEELPF    131
NTDB id 193 SPR RS08685 WP 000282467.1       .................DLADLVLEEEELPF    131
NTDB id 583 DLJ51 RS09560 WP 002962590.1     .................DLTDLVLEEEELPF    131
NTDB id 409 SMU RS08940 WP 002263454.1       .................DLADLVLEEEELPF    131
NTDB id 112 BSU 36310 NP 391512.2            ...............................    113
NTDB id 113 BSU 40900 NP 391970.1            NQRRNQGNSFNDDPFANDGKPIDISDDDLPF    172
NTDB id 22132 M28 RS06500 WP 011054759.1     ......SQNDNSQPFG.NSNPMDISDDDLPF    139
NTDB id 624 LCA RS00040 WP 011373726.1       TGNAPAANNTQADPFANNGQAIDISDDDLPF    170
consensus                                                     *   * *  *******
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X non conserved

X similar

X $\geq$ 50% conserved