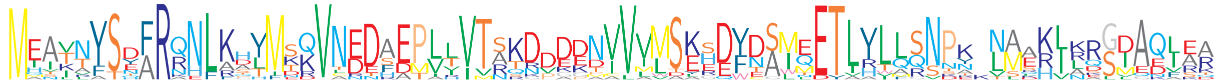
logo



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AT10182 WP 005547298.1 NC 013416:1648241-1648495          ....................................MILAWTE...TAWEDYLYWQQVDKKTLLRINKLIQNI..  34
AT728 15903628 NC 003098:c1566962-1566708                  MEAVLYSTFRNHLKDYMKKVNDEFEPLTVVNKNPDEDIVVLSKSEWDSIQETLRIAQNKE.LSDKVLRGMAQVRA  74
AT6281 WP 002939010.1 NC 012924:c1915282-1915022           MEAIVYSHFRNHLKDYMKKVNDEFEPLVVVNKNPEEDIVVLSKSEWDSLQETLAVARNTY.LSQKVLRGMAKVKT  74
AT6143 WP 005687754.1 NC 017491:2755711-2755980            MEATNYSDFRRNLKHYMSQVNEDAEPLLVTAKDDDDNVVVMSKHDFDAIEETLYLLSNPK.LMAKIKRGDAQIAA  74
AT6138 WP 005687754.1 NC 013199:2763807-2764076            MEATNYSDFRRNLKHYMSQVNEDAEPLLVTAKDDDDNVVVMSKHDFDAIEETLYLLSNPK.LMAKIKRGDAQIAA  74
AT10021 WP 005687754.1 NZ JMSI01000003:c191403-191134     MEATNYSDFRRNLKHYMSQVNEDAEPLLVTAKDDDDNVVVMSKHDFDAIEETLYLLSNPK.LMAKIKRGDAQIAA  74
AT10020 WP 005687754.1 NZ JPZB01000034:15154-15423        MEATNYSDFRRNLKHYMSQVNEDAEPLLVTAKDDDDNVVVMSKHDFDAIEETLYLLSNPK.LMAKIKRGDAQIAA  74
AT6237 WP 005687754.1 NC 013199:2763807-2764076            MEATNYSDFRRNLKHYMSQVNEDAEPLLVTAKDDDDNVVVMSKHDFDAIEETLYLLSNPK.LMAKIKRGDAQIAA  74
AT6022 WP 000388479.1 NC 005000:c5482-5213                  MEAVAYSNFRQNLRSYMKQVNEDAETLIVTSKDVEDTVVVLSKRDYDSMQETLRTLSNNY.VMEKIRRGDEQFSK  74
AT6115 WP 000388479.1 NC 014959:c5482-5213                  MEAVAYSNFRQNLRSYMKQVNEDAETLIVTSKDVEDTVVVLSKRDYDSMQETLRTLSNNY.VMEKIRRGDEQFSK  74
AT10077 WP 010972003.1 NC 003062:c1979853-1979599        MANVRFTEFRQNFATHFDRVLETRAPLLVTRQG.KEAVVVLAEGEYESMQETLHLLSNPA.NASRLRASMGELER  73
AT10072 WP 012848468.1 NC 013508:1725106-1725351          MHTVTFSDARKHFADTMNRVTNNAEPVRVMRRD.APDIVMVDAGEYEAMLETIYLFSNPA.NAAHLNESLAQLER  73
AT613 21284059 NC 003923:c2479924-2479673                  MIIKNYSYARQNLKALMTKVNDDSDMVTVTSTD.DKNVVIMSESDYNSMMETLYLQQNPN.NAEHLAQSIADLER  73
AT1074 WP 000584499.1 NC 002745:c2466518-2466267          MIIKNYSYARQNLKALMTKVNDDSDMVTVTSTD.DKNVVIMSESDYNSMMETLYLQQNPN.NAEHLAQSIADLER  73
AT2427 88196332 NC 007795:c2477698-2477447                 MIIKNYSYARQNLKALMTKVNDDSDMVTVTSTD.DKNVVIMSESDYNSMMETLYLQQNPN.NAEHLAQSIADLER  73
AT310 26989659 NC 002947:c3343006-3342722                  MHVLTFSQARAELKQTMDDVCRDHEPAVITRQR.GEPVVMMSLEDYNGMNETIHLLGSSK.NASRLRSSIAQLRD  73
AT4918 WP 005598318.1 NC 010278:1417602-1417853           MQAITYTEARQNLAGTMSKVAEDFEPILITRSK.GGNCVLMSYEQYCSLEETAYLMRSPT.NAKRLLDSVAELRQ  73
AT6122 NP 626485.1 NC 003888:2405942-2406205               .MSITASEARQNLFPLIEQVNEDHAPVHITS.R.KGNAVLMSEEDFTAWTETVHLLRSPR.NARRLLDSIAEAEA  71
consensus                                                  * *  ** ******   *  **** ****** ** ********  *** * ****** **     **  * ****
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AT10182 WP 005547298.1 NC 013416:1648241-1648495          ....TRAPFEGLGNPEPLKHQLSGFWSRRIDKEHRLVYQVSDSHLTIIQCRYHY  84
AT728 15903628 NC 003098:c1566962-1566708                  GSTQVHVIEE............................................  84
AT6281 WP 002939010.1 NC 012924:c1915282-1915022           GQTQERNLIEAD..........................................  86
AT6143 WP 005687754.1 NC 017491:2755711-2755980            GKAKQHELLTDFDHD.......................................  89
AT6138 WP 005687754.1 NC 013199:2763807-2764076            GKAKQHELLTDFDHD.......................................  89
AT10021 WP 005687754.1 NZ JMSI01000003:c191403-191134     GKAKQHELLTDFDHD.......................................  89
AT10020 WP 005687754.1 NZ JPZB01000034:15154-15423        GKAKQHELLTDFDHD.......................................  89
AT6237 WP 005687754.1 NC 013199:2763807-2764076            GKAKQHELLTDFDHD.......................................  89
AT6022 WP 000388479.1 NC 005000:c5482-5213                  GAFKTHDLIEVESDD.......................................  89
AT6115 WP 000388479.1 NC 014959:c5482-5213                  GAFKTHDLIEVESDD.......................................  89
AT10077 WP 010972003.1 NC 003062:c1979853-1979599        GDTIERDPTEE...........................................  84
AT10072 WP 012848468.1 NC 013508:1725106-1725351          GEVVTVDY..............................................  81
AT613 21284059 NC 003923:c2479924-2479673                  GKTITKDIDV............................................  83
AT1074 WP 000584499.1 NC 002745:c2466518-2466267          GKTITKDIDV............................................  83
AT2427 88196332 NC 007795:c2477698-2477447                 GKTITKDIDV............................................  83
AT310 26989659 NC 002947:c3343006-3342722                  GQALTKELDLNEQEPEAAEQE.................................  94
AT4918 WP 005598318.1 NC 010278:1417602-1417853           GQGIERELIE............................................  83
AT6122 NP 626485.1 NC 003888:2405942-2406205               GDATEHDLIDPDAERA......................................  87
consensus                                                  *     ***
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X non conserved
X similar
X $\geq 50\%$ conserved