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logo

T10111 QIP66200.1 MK544944:263-565          ...................MYSLVPTPTFKRDLKRLSKK.HWPMDELKTAVNLLAAGTNAELLSKKYADHALSSSSEWKGY   61
T10112 QIP66198.1 MK544943:263-565          ...................MYSLVPTPTFKRDLKRLSKK.HWPMDELKTAVNLLAAGTNAELLSKKYADHALSSSSEWKGY   61
T28 WP 000916169.1 NC 000915:c946611-946345 ...................VLKLNLKKSFQKDFDKLLLN.GFDDSVLNEVILTLRK...KEPLDPQFQDHALK..GKWKPF   56
T10109 QIP66204.1 MK544946:257-544          ..................MMLTINRTRTFKRQFKHLLRQ.GKDMTKLATAIDTLQRQ..DRVKLASLHDHALK..GAHSGE   58
T6139 WP 005691636.1 NC 013199:c513094-512909 ..........................................................MQRQ..GHVKLASLHDHALK..GAHSGE   24
T10110 QIP66208.1 MK544948:301-486          ..........................................................MQRQ..GHVKLASLHDHALK..GAHSGE   24
T6239 WP 005691636.1 NC 017491:c513270-513085 ..........................................................MQRQ..GHVKLASLHDHALK..GAHSGE   24
T6144 WP 005691636.1 NC 017491:c513270-513085 ..........................................................MQRQ..GHVKLASLHDHALK..GAHSGE   24
T10108 QIP66206.1 MK544947:301-486          ..........................................................MQRQ..AHVKLASLHDHALK..GAHSGE   24
T6286 WP 014517465.1 NC 017284:30649-30924  ...............MQNKYSVTFSKRFKKDFKKINNN.D..KKILKKIVNKLAN...DEVLEEKYKDHALK..GNYIGF   57
T665 WP 002262889.1 NC 004350:850213-850491 ...................MLKIKQTRQFKKSLKKVVKQ.GKDINKLFAIVELLCQ...KSELPLALRNHELK..GRWRGI   56
T6256 WP 012576472.1 NC 011593:c15445-15155 ...............MSGIRYTVKTTSRFRKDFKLARRR.GLDAGLFKQVVSILSE...GGTLPDRYHDHALT..GNMTGF   60
T10095 WP 002596328.1 NC 013316:c2055913-2055623 ..............MKETKYTVKYTTSFKKDYKRAIKR.GLKIELLEQVVALLAM...GEPLPDKNRDHDLS..GDWAGH   60
T10070 WP 014123908.1 NC 016052:523750-524034 .............MKNNPKYKPAFERKFKKHYKNMLKGGRYKKEDFEKVYWK.LL..YDEQLEPRYNDHPLV..NR.KPE   61
T1038 NP 414760.1 NC 000913:c246239-245961  ................MIQRDIEYSGQYSKDV.KLAQKRHKDMNKLKYLMTLLIN..NTLPLPAVYKDHPLQ..GSWKGY   59
T6290 WP 000615983.1 NZ CP009273:c242726-242448 ...............MIQRDIEYSGQYSKDV.KLAQKRHKDMNKLKYLMTLLIN..NTLPLPAVYKDHPLQ..GSWKGY   59
T10190 WP 176704754.1 NZ KY498026:c2572-2228 MSCSTNLKKTAASKRASLPRAADYTKSFIKDWERLSRSGRYDMNRLKEAMLLLIA..NDAPLGAEWLDHPLK..GDWAGH   76
consensus                                                   *  *  * *    *          *   *  *        *     *!*!*  *   *

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T10111 QIP66200.1 MK544944:263-565          RELHVDGPRGDWLLIYKIKQQD..LILTLVRTGSHHNLLGK.   100
T10112 QIP66198.1 MK544943:263-565          RELHVDGPRGGWLLIYKIKQQD..LILTLVRTGSHHNLLGK.   100
T28 WP 000916169.1 NC 000915:c946611-946345 RECHIK...PDVLLVYLVKDDE..LIL..LRLGSHSELF...    88
T10109 QIP66204.1 MK544946:257-544          RALHVA...PDWLLVYKVDAEA..LILMLLATGTHRDTLNIE    95
T6139 WP 005691636.1 NC 013199:c513094-512909 RALRVA...PDWLLVYKVDAEA..LILMLLATGTHRDTLNIE    61
T10110 QIP66208.1 MK544948:301-486          RALRVA...PDWLLVYKVDAEA..LILMLLATGTHRDTLNIE    61
T6239 WP 005691636.1 NC 017491:c513270-513085 RALRVA...PDWLLVYKVDAEA..LILMLLATGTHRDTLNIE    61
T6144 WP 005691636.1 NC 017491:c513270-513085 RALRVA...PDWLLVYKVDAEA..LILMLLATGTHRDTLNIE    61
T10108 QIP66206.1 MK544947:301-486          RALHIA...PDWLLVYKVDAEA..LILKLLATGTHRDTLNIE    61
T6286 WP 014517465.1 NC 017284:30649-30924  RECHIK...PDLLLVYRKNNDI..LELYLANLGNHNNIF...    91
T665 WP 002262889.1 NC 004350:850213-850491 RELHIE...SDWLLAYQVLDDE..LVLLLIDTGSHAQMLGM.    92
T6256 WP 012576472.1 NC 011593:c15445-15155 RECYIT...PDLLLVYLIEKDV..LVLTLTRTGTHSGLFGK.    96
T10095 WP 002596328.1 NC 013316:c2055913-2055623 RECHIL...PDWLLVYRIEDDV..LVLTLARTGTHSDLFGK.    96
T10070 WP 014123908.1 NC 016052:523750-524034 RDLHIK...PDWLLIYKYDG....EFVRFIDTGTHADLFK..    94
T1038 NP 414760.1 NC 000913:c246239-245961  RDAHVE...PDWILIYKLTD....KLLRFERTGTHAALFG..    92
T6290 WP 000615983.1 NZ CP009273:c242726-242448 RDAHVE...PDWILIYKLTD....KLLRFERTGTHAALFG..    92
T10190 WP 176704754.1 NZ KY498026:c2572-2228 RECHVG...GDFLLAYKTDDSGKTGLIIFVRTGTHAELFNE.   114
consensus                                   !****    ****!*!*** *   *** ** *!*!  **
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X non conserved

X similar

X ≥50% conserved