```
CLUSTAL O(1.2.4) multiple sequence alignment


AM486116.2      CTGATTAATCCAACAACTAGCCTACTTAACAAACTGCTTACCAAAACAAATTCAAGAAAA      60
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      AATTCCCTAGGACGTACAGTGAGTTCTACTTCATCTTTTTTTTTGCAAATTTTCTGCTTC      120
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TTCACACTCGCTCGCTAGCTTCATCGCGTGATGTTGGGATTAATTGAAAATTAAGACGGG      180
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ATCAACATCTTTGGCCTAAAACATTTCAGCTTTAATATCCTAACACTGACTACTAGCTTA      240
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      AAGCAGAAATGATTAAGCATAGGGAAATGTCATCTTTGACTTACAAATGAGGCTGTAATT      300
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      AATTAAAGAACCACATTCTGCACCTTTGTTAACCTCAGTTATATAGGTTTAGTTAGAAGA      360
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      CCTTTGGATTTTCAGACTCCTCAATATAAAACAACCTCCACTGGAATTCATCAAAGACCT      420
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ATGCAGCTACACAAGTGTGGTACTGCCCATGAAGAATCTTCCGCAGCCCACAAGAGAACT      480
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      AAAGTATATATAGTGCTCTATAAATTTATATGTTCTCTTTACCTTCCAGTGACTACAAAT      540
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TTTTGACAAATACAAGAAACTAGAAAAAAAAAGTTGAGAGAAAAATGAGAGAGAAATGTA      600
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ACAAAAATAACCGACTGAATTTATGATGATCTGGAGAGGGCTTTATATTAGTATGGGAAG      660
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ACTTCTTTACTACTGATCATTCATCGGGTTTTTTCTTAGCATTTGGATTCAGTAATTAAG      720
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TATTATATATGATGGGAAGAATTATTCATTTATATTTGGCTTGGCAGTGCTACATGATGA      780
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ACCCCCAAAAATAGATATGAAAGAATAAGGTGTGTTGGTTCTTAATTTGCATAGTTAGCC      840
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ATACTGCAACTAGAAACACAAGCAGCTAGCATCAAGTCTATGGTGTCATCAATCAACATG      900
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      CATGCATGAATGTATGGATTAATGTTTATCAGATTCCTTTGATTTACTATTATTGAGAAG      960
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ATGATCATCTTTCAAAATTTAGTCCGGATTTTGTTTCAGACTATATTGATCTATTCAAAT      1020
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GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ATGATGCTCTCTTCCAGGGGGTATTTACCCAATTGGCTTACAGTTCTATCTAGCTCCAAG      1080
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      AAAGCAAAATTAGTTCAACATGAAATATAACTGTGACTGAACTATTTATAGGTCACTCCC      1140
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      CCAAGTTCATAGCTCCTAAAAGGTCTTCTTATGGAAGCAAAACATCTGCACTCCTCCAAT      1200
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      GGGAGTCAAATTAAAATTAGTTCAACATGAAATGTGAAGTCTTGCTAAACTGGCTTCATT      1260
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TCCTGACTGACTCATGTCATGCACTAATTATTGTCATCTTTTCATAGTTTTAACTTCATT      1320
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      AATCAATCTTAAAGAAAATTTTCTTGGAGAATGTGGTAAGTTGTTAACATCACGTTTCCA      1380
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TGTCAAGCTAGATACACCTACCACACACCTTATCTCTTACTACGTGAAACCACTTCTAAA      1440
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TTATATCATATATTTCTCCCAGAAAGATTATTCCAAGTACAGATAGAAATTAAGCTGGTT      1500
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TCCATTTATCTCCCTATGTGGACTAGCAATATCAATTACCTTATTCATGTCTTGTTATAC      1560
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      ACTTTTCTGGCAGATATACAACCAAAGATGCATTAAGGAAACAAAGAATGAAATAAAGCA      1620
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TGAAGGATTAAAATATGTTGACACTGAATATTTTCCACTCTTCCAAACAAACAGCCCATA      1680
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      CTGCTGGTTTTTTAATACTTGTGAAACCAAAGAGAAATTGCAGAGCAAGACTTGCTTTCTT      1740
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      CAATTAGAAGCATAGTGAAATTTAAATGAGTACTGTGAAGAATGTGCAAGGGACATTGAT      1800
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      CCATTGAATTAAGTTTGAAGCAACCTCCCTCAGTTGAACACTTTTTGAAAAGATGGGACC      1860
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      TACAGTAGGTGTCCTTGTGTAGTTGCTTTCATCAAGCAAAATAATGCAGAGACATTGCAG      1920
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      GAGAACCTTTTCAACTTTTCAGCTACAGTTACCATAAAAACTAGGTCATCCCTGTTAGTG      1980
GQ903730.1      ------------------------------------------------------------      0


AM486116.2      GAAAGTTTAGTGAATCATAGATCTTTGAACACACAACTCCACATAGAATGTATCTCAAAT      2040
GQ903730.1      ------------------------------------------------------------      0
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AM486116.2    TTCCATATTATTATAGTTGTTTCTTTCCATCTCCACAATGATTATGTTGAAGTGAAGGAG    2100
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    CCTTCTCGGACTTTGCATTCCACTGAGAAATATCTCAAATGAAACAATTTATCTAACCAT    2160
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TCTTAAAGATTTTTTCGAGTTCCAATTTCAGAGGAAGCCAAGAGGTGCTTATCCTGAGGA    2220
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TCTACACATTGAATTACTTAGGTTACTCTTGTGAGGAATCAACTTCTACCCTTCTTGAGA    2280
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TGTGGGAATCACCCCCAACTATTGTATTTATTAATCATCGATCGTTGAACAGAAGCTGCC    2340
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TGGATGCAACTTCAGGTGATATTTTCTGAGAAGATTGGCATAGTAGATCACAAGAGAKKA    2400
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    AKAATYTMAGACAACTSATCAGAMSAACKWGWTCAGAAAGAAACTTAATTCAACTATATT    2460
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    CTGATAAGCTCTAGTCATTCATATTGAATGGTAGATAGATATAAATTCTCATTCTTATAC    2520
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TAGTGCAGTTTGGTCAAATATCTTTCATGAGTTCGTGTTAGTTGGAAGCTTGAATCACAT    2580
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    GCAACTACTACTACTACTACCAACACAGGWAACTGGGGCGAGTAGAAATTGTCCATTTAC    2640
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    ATGGGGCATKAACCTCAATTGAATGTTTGGTAGTTTACCCGGAATACCTGTATTTGTCAC    2700
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TATATTTTCTTGTGTTTCTCCAGTCCCAAGTTCAGTCTAGCAGATTTGCTACCGAAAAGT    2760
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    CTAGCCGGGATGAATTTATTACTCACTTTTTAATAATAAATTTCATTATTATGACTTATG    2820
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TATACTTAATAGGTAATGTTACATCCGTTCAATGATTTGCCGTTCCCTAGAGGATGTTAA    2880
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TACTTAATCTGCAGAAAAGATATATTTGTTCTAGTATGATAGCATTTGTCATCCCAGATG    2940
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    ATATCCTCGTGAGAAAATGGCATCTTTCACCATGTAGATAGATTAATTCCCCAATAATTC    3000
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    ATCATTTTTTTCCAAGTTGGTTTTTTTTTTTCTTGAGCATCGGCACTCAATAGATAATCTC    3060
GQ903730.1    ------------------------------------------------------------    0
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AM486116.2    TATTTTTCCTCGTTCAAACTTGGCGATGCTTTACTGTTATCCGCAAATCAAGCGATTAGG    3120
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TACTATATCATAAAACTGCAAAACAAATTACTTGGAGAACATTACTGAGCTTCTTGGGCT    3180
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    GATGATATCTCAAGTGGCATATCTGAAATATTTGACTTGGGTTGCCCTTGGCATTGAAAA    3240
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    GTAGGGCATATATTCCTGAAGAATTTGATGTGTTCACTAGGAAACCTTACCTTTCATTAC    3300
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    GATATTTCAATATTCATATTATTACTCAGAATTTTTATTCTGATTTCCTTTTCCCAATTT    3360
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TAGTTTCTTTTCCTTGTTAGGCATTTACATGTATATTTTCTTGGTCAAGAATTATTTTAT    3420
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    CATTGCAGAAACTTGCAGTTGACTCAGTCAATTGTCATTGCAGATCTGGATCTGAAGCTC    3480
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    AAAAGCATACAACTTATTTGGGAATGCCGTTTACTGTATTAGTTGTATGGCCTAAAATTA    3540
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TGATTTATATAAATGATACAACAGCTTTGAAATAGAGGAAAACCATATAGCTACACAAGA    3600
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    GATTATCTTCTCAGGAACATTTAACTGTTTCTACAATCATCAATATTTCTACTTACATGA    3660
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    ACCTTCAAATCTTCTCAACTTACAAGCAAACCTTCCATAGTTGCTAATATATATTGTGCT    3720
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    AGAGAGTGCACCATTAAGCCCTTGCATCCCTAGCTTGGTTATATATCTTTAATTCTATTT    3780
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    CTTTCTGCAGTAAATACAAATTATATTGTTAGGAAATTTCTTCTCACACACGCAGAAAAC    3840
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    CTAATATATATATACATACCACAATGCAAATGCATTCCCAATCAGATTCCATGCATATAG    3900
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    AGGGACTAAGCTAGCGTCCCATCTAAGAGAGTAGTAAGATGGGCTGGCCTATTCCATATA    3960
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TAAGATTCATGGTAAGATTAATTATCATAAGCTACGCATGTGTTGTGGCCTCTATTCCAC    4020
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    AATATTATTAGACAAGGTGAGATTGAGGTTCAAATCAGGCAACCCACTTGTTTTCTTGAC    4080
GQ903730.1    ------------------------------------------------------------    0
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AM486116.2    TAGGAAAGTTGCATCGTTGGATAACTGATCCTTTTTGCCATGAGGTGTTACCGGGTGTTG    4140
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    ACGAGAAATGGACTGTCTTACATGATGCTTATCAGGATTGATACCCATCCTTATGAGCTT    4200
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TCTCTTTAGATGAGAATTCCAGTAATTCTTCACCTCATTGTCAGTCCTTCCTGGCAATCT    4260
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    ACCCGCTATCAGGGACCATCTAAACAAATCATGCAAACTTCAATTAGCATAGTGATCATC    4320
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    AGAGAGTAATCAGACATAAATAATTTTCTTTATATGTACATGGAATTTTAAGGATATTAA    4380
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TTAAAATAAACAATATGATGAGTATTATTCATCAATTGCCCTTCACGAAATGAAAATCTA    4440
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    GGGCTAAAAAGCTGCAACTTGTTTTTCTTACTTTTTGAAGATTTAGGTTTGTATCTTGAA    4500
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TTTTCTTCTCATGTTAGTTCTGAAGGAACTAAAGAAATGTTTGATTGATAATATTTAAGA    4560
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    TAACACACCGGTTTCCTAAGAGAGCATGGAGTTTGACGATGAGGTCTTCTTCATCTTCAG    4620
GQ903730.1    ------------------------------------------------------------    0


AM486116.2    CAAAGTTGCCTCGCTTTAGGTCTGGCCTTAGATAGTTTAGCCATCTCAACCGGCAACTTT    4680
GQ903730.1    -------------------------------------------------------ATGGT    5
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AM486116.2    TGCCGCAACGAAGCAAGCCTGCTTATGAATGAAACGTAATATTAAGTCACTTAATCATAT    4740
GQ903730.1    TGCAATGAGG---------------------------------------------------    15
              ***     * *

AM486116.2    CATTCTTTAAGGATTTCATCAAAATACTAACGAAAAGGAAAATGATGATGGGGAAA---A    4797
GQ903730.1    -AAGCCTGCAGGCTATGGTGAGAAGAAAAGCACAAAGAAAGAGTTGGGTGTGAAAAGAA    74
               *   * *  *** * *  * * ** *  * *  **** ***  * **   * ****   *

AM486116.2    TATCTCTAACAAAAAAATTTAAATAAATAAATAAATAATCTCGTCATGAAGGAAAACTCT    4857
GQ903730.1    ATTCACTAACAAGGGGGCTTGG---------------TCCAAGCA----AGAAG--AC-    111
                ** *******    **                  **    **    ***    *

AM486116.2    AATTCATCAGTCCATATTAGGTTTACCTGCCGCTTGTGGAAGTGAGCGCCAGCTACCTTC    4917
GQ903730.1    ----CAGAAGCTCAT-TGATTATATCCAAAAGCATGGTGAAGGTTGCTGGAGTTCACTTC    166
                  **  ** *** * *   * **   ** ** ****   **   ** *  ****

AM486116.2    ACCATGCTTTTGGATGTAATCAAT-------AAGCTTCTGG----TCT-----TCCTCCT    4961
GQ903730.1    CTCAGTCTGCAGGCTTGCTTCGTTGCGGGAAAAGTTGCCGGCTGAGATGGGTGAACTACC    226
                ** **   ** *    ** *      *** * **      *      ** *

AM486116.2    TCGACCAAGCTCCTTTATTTGTATCTTTCTTCTCACAGCAAGGTTTCCTCATTGAAATTC    5021
GQ903730.1    TAAAGCCTGATGTTAAGCGTGGGAACTTTGGGGAAGACGAAGAGGACCTCAT--------    278
              * * * * * *   **     **    *  ***     * * ***   ******

AM486116.2    TCTATATAAATACAAACATCCAACTCCAGAGATATGACTGAGAGAGATAGAGAGGGAGAG    5081
GQ903730.1    ---------------CATTAAGCTCCATGCGCTTCTTGGAAACAGGTGGTCATTGATAG    322
                             *** * *****   *  ** * ** * *  *  ** **


AM486116.2    AGAGGGAGAGGGGGAGAGAGAGAGAGAGAGCAGGAGGAAGAGAGGGAATCCCATAAGCAA    5141
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GQ903730.1      CG----GGAAGATTGCCCGGAAGGACAGACAATGAAGTAAAGAACTAT------------    366
                 *    ** *       ** ** *** * ** * * ***    *

AM486116.2      TGGGCGTACTATATAGAAGTCTCGTCCTCCTAAAGGATTTAGGGTTGACTTGGACTGGTG    5201
GQ903730.1      TG------------GAATTCTCATCTAAAG-AAAAAGCTAATGCGGATGGGCATTGATC    412
                **            *** **** **      ** * ** *  **    * * ** *

AM486116.2      GTTCTAGCAGATTTGTCTTAGTTTGGCTCAATTGCTTTGTAGGTATGGACTTATAGTATC    5261
GQ903730.1      CTAA--------TAACCATCGCCTGG------------GAGAAAGGGCTTCGGGTACTA    451
                 *         * * * * ***             ** * ** *         *

AM486116.2      TCGCAAAACTTCATTCGTGGAGCCTC-----CCATCCTTTACATTTCCCAATTCAATCTG    5316
GQ903730.1      GCAAATCATTTGAATCCAGGGACCAGACAAGCAATCCTCTAATCTCAGCTGCCGATAATA    511
                 *   *  * * ** * **  ** **      * ***** **   *    *     *   *

AM486116.2      ATGCATTTTCAAAGTTCCACCGCTTGTTTTGTTCACTGGAGTTTTAGCCACTACCAACAA    5376
GQ903730.1      ATGCAGT--------------CTTGGATTCTACATGTGGCTCAGCGAGCAAGACAACAA    556
                *****  *              **** ** * **   *  *     *      ******

AM486116.2      ACCCTTTCCATTCCCCAGGCCCAACCCCAACTCCCACAAAACCACAAAATTATATGCTGT    5436
GQ903730.1      GCAGTTTGCCTGACCTAAACCTTAATCTCAATGT-----GGGGGCTCCATCAGTAGATGA    611
                 *  *** * *  ** *  **  *  *  * *        *   ** *   * ** 

AM486116.2      GTATCTGCATATATAACAGCAAAATGAAGAAGAAAAAGTAAAGTACATGTATAACATATA    5496
GQ903730.1      ACAAATGCAGCTAACTGGGGCAA--------ATAGTCATAAGGAACTTGAACCTGCTCCC    663
                 *  **** **    * **       *   *** * ** ** *        *

AM486116.2      TATATATATATATATATATATATATATATGATGTGTGAAAATTTGAACTTGG    5556
GQ903730.1      TTTACAACTCTACTTCT------------TTTTGGATGA--------------------    690
                * ** *  * ** * *            * *  ****

AM486116.2      GCTGTAAATTCTCACCAACCCCCTCATGGTCTTTACTGTGTTTTATTCGGGTAGTTTTTC    5616
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      TATCCTTAGGTTGTGTTTGCTATGACTTCTGCACAAATGCACAATTATTTTGTTAATTAA    5676
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      TTGACTATTAATTTCTTAAAAAAGGAAACAACGGTCAAAACTTTTGAATATTTCTGATGG    5736
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      TATGAGATTGTTCTCCACTTCTCAGACAGGTGAACCTGTTCAAATTTGTCACGTATTTCC    5796
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      TAAATCAGTTATGAATCTTCCAAACAGAATGAAACTTCCTAAATTAATTTACCTTGGTTG    5856
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      AAATATCCCAAGCATACGACCATATTACACAACATGAAATCTCCTATGCTTTTTTCATTC    5916
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      ACTTTAAAAATTAATTGGTCACTTAATTTTTTGTCTTTTGCAACAGGTACCTCTTTTGAT    5976
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      GGCTACATTATAAGAAATTCCTGATTTGGAATGGATCATTAATTAATGTTCTATGATAGC    6036
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      TAAGTGCTGCACAAGGGTAACGGTAAAATTCATCTCATGAAACAAAATGTTAGAGAATTA    6096
GQ903730.1      ------------------------------------------------------------    690

AM486116.2      TTCCTAGCATGAGAAAAAGGAATTCGTCTATGAATTAACCTATGTTTGAAAGGTTAAAAA    6156
GQ903730.1      ------------------------------------------------------------    690
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AM486116.2      GAAAATTGACTGGATTGCCTTCATTCCCTCATATGCTTGTAAAGGTTAGAAAGAAACCCA      6216
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      AAAGCTTGCATTGTCAACAATTACAAGGCTTTCAAAATAGACTACTCTGAATATAGAATA      6276
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      TTGCCAAGCCTCTAAGCCTCATATTTTATTAACAAGGGGATAATAGATAAAAAGACAGAA      6336
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      TGAGGGAGACATATGTACTAATGCCAAAACAAACGAGAGGCAATCAGAGGTGTGGGCTAT      6396
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      ATATGTGTAGGGTTGGGGATCCATATTCCACGAAATCAATCTCAATGTCTTATCCGGACA      6456
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      TTTGAACTCCACATCCTGTTATGATACGTAGACATAAATTAAATGTGTATTGTTATAATG      6516
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      GAATCCAAAGGGGTACTAAATTGCTAAATTGAGCTAGATCTACCCTGTCTTTTTGACACA      6576
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      ATGATATGGGGTACGTACTTACACAGTAACGGAATCTGAATAATGGAATGAGCAGTTAAA      6636
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      TCAATAATGGAACATAATGCTGTTAGTGAAGAAGACACAGATAATGATAATGGAACTTAA      6696
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      AGAAAGACGAAAGTCGTGGGCCTTAGAAAGATAGGGCATGCATTGTCTCATGATCAAAAG      6756
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      CTCAATTGGTAATATGTTTTTTTCATGCTTCTGAATATTTCGTACAATTATTAATTTAGGT      6816
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      CTTCCAAAATGATCCCTTTTATTTCTTTTTTATATATGGATACAGAGAATTTTCCTCTGA      6876
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      AAAAATCGTTGGAAAGTGGAGTGACTCATCTCAAGGGGGCCTGAACCATCTCCTATTTGG      6936
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      TTGAGTGTGATTCCCCATGCAGCTGGTAATTATCAGACTTTCATTTCTAAATTTCTTCGC      6996
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      TTTGATCATCCTACTTGTGATGAATGATTGAATGTTTCCTTTTCACACTACATTGCTTCT      7056
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      CCTTCTACTCTGCAAAACATCAATTGGAAATCTTGGCATGCAACTGGTAATGGTTTAATG      7116
GQ903730.1      ------------------------------------------------------------      690


AM486116.2      TCTACATATACATTTTCTCTCCTTACAAATTGAAAGTAGTTAAAGACTTAAAGTTATTAT      7176
GQ903730.1      ------------------------------------------------------------      690
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AM486116.2    AAATAAAAATAGTAAAATTTATAATATTAAATTATGAATATTCTAGTCTCTCTTGGCATC    7236
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATGCACTCATCTTCTCTGTCATATAGCCTTAATTATGTCAAGAATTGATACTGTCATAT    7296
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GGTTTAGAGTTATGCATCCTCTTCATTCATTTCCACAGTTCATAATTCTTTTACAATTGA    7356
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GGGATAGGTAAAACTCTCTGAATTTTAAACCTTATGACCTATTTTGAATATGGAATTCGA    7416
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATCACGTGCAACTACTACAACAAAGGCATATATATATGTGGTATACAACTTTCATCCATA    7476
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATCCTTTGACTGGTTGGTTGTAACCTGAACTTTTCACGTGCCCAGCATGCCTATAGCAA    7536
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CATTATCATACTTGAATTCTCTGCACCTAACATTTATCTCGTATCTATTAATAATCCCAT    7596
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CACCCTTTTCTTGGTCATACTCACTGCTGGTTGAGATGGAGAATCTGGAGACGGATTCTC    7656
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CACATATGACTACAGTAAATCTTATCCATTGTATCATCTATATACATATATGCATAGA    7716
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ACCTCAAATACTGCCACAACACTCGGTGGCTGAACTCTTGCAATTTTTTGCAGCTTTTAC    7776
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CATTTGGAATGTCCATTTCCAGCATGGAATATCTTCAGTTAAACCTTTTATTTATAACTA    7836
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGAAAAGGAAAAAAAAAAAAAAATCCGACTTGTTGTCAAGCAGTGGGGGATTGTTGGTGCA    7896
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GTTGGCTGATGAACCATTGTTATGGTATACGGTTCTAGATTCAAGTTTTAGGGTTCTAGG    7956
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAGAAACCGGTTAATTTATAGGTTCAGCTCATCTAATCTCCAAAGCCAAAATGTAAATAA    8016
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCTTGATTTTGTATGAAGTCATGATTAATTTATATAAAAATGTAGTGGGAGCCAGATGCA    8076
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GAAAGCAAATGGCACAACACAAGTATAAATTTATATATATATATATATATATATATATAT    8136
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATATATGTAAGTATACCTTATCCTTATCCTCCTTGAGGAACATATATACCTTATACTCCT    8196
GQ903730.1    ------------------------------------------------------------    690
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AM486116.2    WGTCCAAATGTCTAATACAGACAAGGTTAAAGGTCAGCCTATATTAATGTGGATGTCAAG    8256
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAAGGGCAAGAAGATGGGTTTATTTTGCAATTAAAGTCGCAATCGAAAGGAGGCGGCACT    8316
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GGTTTATATATATATATGTGATGATAAGAAATGGAGCAGTTTATGATTAACCCAGTGGAT    8376
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GTGAAGGAATATTAGACACTAGCCTTGGAAAGATATGGCCTTGATTCATTTGGGTGTTTT    8436
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTTTTTTTTTTTTTTTTTTCGAGTATCATCAAACAAAAATGAATTTAGGGTTTTAATGGT    8496
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CACCRATGATTGATTTCCAACTGCTATTTTGTTGATAGTGGATGGATTAAGCATCTCAAC    8556
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATTACTACTTGAAGCATTGTGTAATCCATAGAAGCTTTATCCATTTAGAGAACAAATTTC    8616
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATTTGAAACTCAAAATGTTGAATTAGGTATTCAAAGTTTCTCTTCTGTTACATATATTAA    8676
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AACTCAATTCTAGCCTATATTCCTCCTACATTGCACAAAGAAACTAAATGTTTCACCCTA    8736
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AACTAAATGCGGATCTTTCAAATATTGGCTTCCACATTGGCTATAAAGCCATATACTCAA    8796
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CAATGGAGATCATCCAAAAAGAAGTAGAGTTGTAAAGGGAGCAGGTTCAAGTTCCTTATG    8856
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ACTATTTGCCCCAGTTAGCTGCATTTGTTCATCTACTGATGGAGCCCCCACATTGAGATT    8916
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAGGTTTAGGTCAGGCAAACTGCTTGTTGTCTTGCTCGCTGAGCCACATGTAGAATCCAA    8976
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GACTGCATTATTATCGGCAGCTGAGATTAGAGGATTGCTTGTCTGGTCCCTGGATTCAAA    9036
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TGATTTGCTAGTACCCGAAGCCCTTTCTCCCAGGCGATGGTTATTAGGATCAATGCCCAT    9096
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CCGCATTAGCTTTTTCTTTAGATGAGAATTCCAATAGTTCTTTACTTCATTGTCTGTCCT    9156
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCCGGGCAATCTTCCCGCTATCAATGACCACCTAAATCATTAATTTATCATCCCATTAAA    9216
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CATTTTCGAAGGCAATTGCGTGAAAAACTTAAATACAGTTTTACACACTATCTATAGAAA    9276
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GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAATAAAATGCCTACCATACTTCAAAAATAAGGCTATGAATAAATTTCTTTTTGGTTTAG    9336
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATGCATACAAAGGCATTGGCATCGAAAGGAAGAAAATAAAAGGGATTCTTCTCATGTTTC    9396
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATTTACTATCTTCTGAGACCTCTAGCACTAAGCTTCTAACAAGAAGAGTTTCTGAAAAT    9456
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GCATATACAGTAAAATGCCTAACCTGTTTCCAAGAAGCGCATGGAGCTTAATGATGAGGT    9516
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CCTCTTCGTCTTCCCCAAAGTTCCCACGCTTAACATCAGGCTTTAGGTAGTTCACCCATC    9576
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCAGCCGGCAACTTTTCCCGCAACGAAGCAAGCCTGGTACATATAACAAATTAGGTCAAA    9636
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AACCACTYCCCATACTCCAYGGATTCTCACACAGAGAAAGACGAAGCCATAACATACCTG    9696
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CAGACTGAGGAAGTGARCTCCAGCAACCTTCACCATGCTTTTGGATATAATCAATGAGCT    9756
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCTGGTCTTCTTGCTTGGACCAAGCCCCCTTGTTAGTGAATTTCTTTTCACACCCAACTC    9816
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTTCTTTGTGCTTTTCTTCTCACCATAGCCTGCAGGCTTCCTCATTGCAACCATGGCGA    9876
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAGAGAAAGACCGTAGAGAGAATACAACGACGAATTAGCCAAATTAAGGAATGAGACATA    9936
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TGGATAATGAAGTGGGAAGGCAAAACTACAATAAAAAGGTTGAGTCACTGCTTTGTTGAC    9996
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTGCAGTTACGCCCATTTGGTGCAGTTTGTCGCGGGTTTGGTGGCTCCGTGCGTGCCCCA    10056
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCAAACCACTCTCAGAGTTACTTGTATCATTGACAAGCGTAACCAATAATTACAATTTCA    10116
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CCATCATTTTTTAATCATACATTTTACTGTACAAAAATAATTAAAGAACCTCATAAGACT    10176
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CGAAGTACCATAATAAAATAAAATATACTCATCATAAGTTGGGAATTGCACCATAATTAA    10236
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CCTTTCTATGTGTAAAGGCAGACTAACCACGTGAAAATGCCCTTTCAGATATGGCAACCA    10296
GQ903730.1    ------------------------------------------------------------    690
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AM486116.2    CAAGTTTCAAGAAGAAAATTACTTTTCATGCACAAGACCATATAGATGTCTCTGAATCAA    10356
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAAAAAACTGATTCTCATAAATAAAACCCTTTTTTGTCTTTTCCTTTGCTAGTCTATCAA    10416
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATAAAACCCTCAGCATTGACCCATAATTTTTTTTAGTTTTTTTGAAAAATGCTTACATA    10476
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATTCTTAGGAATTAATCATTAAAAAAAAAATAGTAAAAAACTTTTTTTTTTGAAGTATATTC    10536
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAGGTTGGTTGACAAWAAAGAAGAAGCATTAAATTCTTGTAAAAGCTAACGTTAAAATAA    10596
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TACCTAAAGTTGAATATTTATTTTAATTGCTCTGACATTGTTGTCGATTGAACCGTGGGC    10656
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAAGTGAACAGTACATGACTGAGTCAGTCATAAATTCCCAGTGGATGAGACTGATTAGTT    10716
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GGGGTGGGCATGTCACATGTCCTAAGGTTGACTGTTAGATTCACTGAGAAGAAGTCTCGA    10776
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTGCCACCTGGTTCTTCCACAGACCCACGCTTGTATCTACAAAAGGATGACAAGCACCAA    10836
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ACCTTCGATTGCAGCGCCCGTTTCTCCCTGCTGACTAACTAAAGTTTGGATTCATTTGAC    10896
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTCCTAAAGCTGGAGCACCCCTTTCCAGGAGGTCAACACAAAAAACATACGTATATATAG    10956
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAACGAAAAGTGCGGAGAGGGCTAAATTTATAAAATAATATAAGATAATTTATAAGAATA    11016
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGCTAAACTTAAAAAAAAACCCCAACAAATGGGGGAGTGAGTAATTTTGAAGTCCAAAAGA    11076
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TGGTATTGTACTTTTCCGGTGGTAGAGATTGTATGTTAACCATGCAGGATTATATATTAT    11136
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTCGCACCAATAGGAATGAGACATGTGTAAGGATATTCATATTTAATTTTACTTATTTAG    11196
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TGATGAAAATCATTTTTGAAGCATTTGAGGATTGAAATGGAATGTGGTATGTATAGGTMC    11256
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAGTATAATAAGATTTTCTTTTGCACAAAATAGATTTATAAAGGCTAATGAAATATTAGC    11316
GQ903730.1    ------------------------------------------------------------    690
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AM486116.2    TTCAAAATCTCCATGTTATTTGTGGTTTTTTTCATTTAGGGTTTTCGACGTAAATTTATA    11376
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TWTTTTATTTTTATTTTTACTTTTTTATTGTCTATTCTCGTTATTGTGTAATTAATACCA    11436
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAACAAAATTGAGAAAATATTTTTTTTCTTTTATATTCTTTAAAAGATAGACATATAGTA    11496
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTATATACAAAAAGAATCTTTCAAAAAAAGAAAAGAAAATAATCCTACATACAATAAAAG    11556
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ACAATAAATCAGATTTTGCCAAGAATATCCCATTATTAGCATAGTATAGGGAAARTCAAA    11616
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATCTTCGTAGCTCSGATAATATATCAATTTAGGGAAAATYAGATATCTTCATATCTCCA    11676
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATAATATATGTGATGGAAGTATCACAAATTTTTTCTTCTATATTTTTTAACAAATGAGAG    11736
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTAGAGCCCRTTTGGTAATGATTTTAGGAAGCGCTTTTAATATTTATAATACTTGAAAAA    11796
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTTATCATTRAAGTGYTAAAAATACTAKAAACACTTTTTAAAATCACTCCCAAACGCAC    11856
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATTAATTACTTATGCTACTGAAAAGTTAATTTAACATTAGTTGAACATAGCTCAAAATG    11916
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAACATAAATTGATGCAGAAAATGACATTGCAAAATTTAGTTCCATCCTTCTGAGGAAAC    11976
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATCCCTAACATAATTCCTTTCATTAATTTCAATAATGAGTTTACCTTTGTCTTCTTCTT    12036
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCTTAATAAATGGCTATGGTTTCTTAATTGTTAGTAGCCATGTGCAAAGCCATAGTCATC    12096
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AACCTCATGACCATACCAACTACGTCAATAGAAGCCATGATTTGACACAGGCTTAAGTTT    12156
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCTTTTCAGYTGTGGGGTTTTTTGTTATTCCACTGTAGATAGAAAATACAAGAGACTTTT    12216
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GCAATAGCTTTCTAATTAGAGCTTTGTTTGGCCAACCTGTGAATGGGAACTAGTTCCCTT    12276
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTACAACAGCTTTATGACCATTCTCAAGGTGTGCTCAAAGAAGATAAAATTGAATAGGTC    12336
GQ903730.1    ------------------------------------------------------------    690
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AM486116.2    TTTTTTTATAGGAACAACACAATTTCATCACCATATCAAATATCTTCTGACAGATAATGA    12396
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGAGTCAATGACAACAACAGAAACAAATCCTCTTGATGAATCAAATAAAACAATTACCAA    12456
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAGTGCTGTTAATTTGTAGACACAAAATCCTCATAGAGTTCCGTAATCTTATTTACATGG    12516
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCCTGGTAATGATAAAACATGTAATAGAGTAATTAATGGCATCTGATTAGCATATTAAGT    12576
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCAGGCAAGGACTAGATGTCTGATGAGATGTAATTAAGACTCAACATTTAGGTTTGTGAA    12636
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCAAGCCAATCTGAGCATGTGCAACATGCATGACCTATCTTTTGGGTAAAGYTTGATGGG    12696
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GACTCTTTAGACTCTTCAAAAGAAAACAAACTAACTTTATGAATTATGAGTTCTTTGCTT    12756
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GACTAGGCATGCAGTTTAATCAGGTTTTTCTGTCTAACCAGTCTATGCCCAAAATTGCCA    12816
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTAGATCAAAATTTATTTTTCTTTAATAAGTCTTTKCTGAACCCTCTTTTCCAAAACAAG    12876
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAACGGATATTAGAATGTATTTCCATCCACCTTAATCCCTGTTCTCACTTCCTTCACACC    12936
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAATAGAAGAAAAGAAATTAAAAAAAATAACCATTGCTACAATGCTAGGTGAAAATTAAGT    12996
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GACTGATGTTTGCCAATTTACATAGAATCTTAGTCTAATAAATTGTACTGTGCCAAATTC    13056
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATGCTTATGTAGCTAGGAAGAAATCATAAGTGAAATAATCAAGAAAAAATGGGATTTAC    13116
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTACTAGTTCCCGTCTTCAGAGGTCATCGATCTTGAACATTAGGTAGGTCAACATATGG    13176
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATACTTGCCGAATTGCTGTAAAAATCATGACAGTTTGCTCCTGTATTGCACACGAGTAGG    13236
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCAAATTGTCCTTTATGGACTCAAGTTAGAAGTTGAATCATGCGCTACCATATCTTCCAA    13296
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCTCAAAAAATGAAAATCGGGACTTGCATGCATGAATTCCATTGAATGTTTGGTTGGTGA    13356
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTTGCATGCATGAGGTTCCATCTACCAAAGAGTGACAAATGACATCATCTTCAAGTTTTG    13416
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GQ903730.1      ------------------------------------------------------------    690


AM486116.2      TGAGCCTAAGCAACTTGGGAGATAGTGTCAAGGACAAACGTCATATTCATCACTTGTTTG    13476
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      TGGACAAGATCAAATTTAAGAGCCTAGATGTTCCTCAGACACTTCTGCATCTTCTCCATT    13536
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      TCTTATTTCGGAACCTGAATCTCGAATTCTGGAACTTATTTCTTAGGTTGGTTTCTCCTT    13596
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      TAATTTCACTTGTTCTACAGATCTCAGCAGGCAGCACATGCCATCCTAAGTTATCATAAC    13656
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      CATTTCTAATTGCTGATGCAGCGCTGACTTGATCCCYCAATTTTTAAAATARAAACTTCA    13716
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      GAACACTTAAGAAATGAATCAGGGAAGATTTTCTATGTACTTCAGGCAGAACATTTACTC    13776
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      AAAGATTTTCCTTTCTAAGCAAATAATCACTAAGAAAAATCCCATAGATTGCTATAAAAA    13836
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      CCAGCTAAATTTCATGGGGTTCTTCAACTGCTGACACAGTTTGTCTYCYCGGCTTAATAT    13896
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      RAGAAAATGGCCACTGATTATTCCCTAGAACTCAAGAGATTTTAAATTAATCTATTTTCG    13956
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      TGCAACCATAGATGTAGGATCAATGTGAGTCTCTCTGGAAAAAGTTTTCCGGTTATACTA    14016
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      GGTCTGCACTTTTTTGGGGCACAATGATTCTCCAATACAATGGATCAAAAGAAAAAGTGA    14076
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      ATGGCACCGTTGTCGATTATTTATCTTAACMATCCAAATGGATAGTCACCAAAAGGCTGC    14136
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      TKCATCCCTTTAGCATGAAATACATAAGCAGCTGCTACCAGAATATCTGTACCAAAGCGT    14196
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      GGAATTTTGGTTGTAACCTCATAGATGGAACTGAATATTTGTTAAGGCCGCTTTATCAAG    14256
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      CAAAGAATAGTGTATTTGCTTATATGTAGATGAGGTTTTTCAATATCATGAGGATGGTAA    14316
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      AATCATTATGGGACATGACTTATGTGAATTTTGTATTGTATGTTCAACCCAGTTTGCTGG    14376
GQ903730.1      ------------------------------------------------------------    690


AM486116.2      AAGAAGCACTTTTTCATCACTACTTTCAAAGAAATGCCCTACTGTTATTAGTTATAAAAT    14436
GQ903730.1      ------------------------------------------------------------    690
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AM486116.2    GCCAAGACTGTTATGCTGCAATGAAAACAAATTGAAAAWTTTTGAAGCAATTTCCAGAAT    14496
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGACAGTTTGCAAAAGCCAGCTAGTTAATAGAGCCCAACTTGAGAGGAGWCAACTTTTAT    14556
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTCTCTCTGCTTGTGTGTGCAACTCCCCAGTGTKTTTGTTTACAATTTGAATGTATTGC    14616
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTATGAATTCAGTTTGAGCACAGACCCTTGGGTTTTCACATCCTTTTACAAAACTTATT    14676
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TGTTGCTTAATGCAAAATCRCACCGTATAGCTAAAAAATGAAATGATCAGTCCCGATATT    14736
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CACTTCCACCTGTGACAAGCTTTACAACATGGGCTACTCTCTAATGCCATCCTGGATGGG    14796
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTAAAAAACATTTTACAGTAGGACTATCATTTTGGTGAGGAAAAATTTAAAAGCATCTTC    14856
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CAAGTTCCAACTGGGTTTTGCARGAGWAACCTAGAACATGACTGAGTTWCTGTATATATG    14916
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TRTACAYATTCAAAGCAGACCAAGAAAGAAAGAACTACTTTGTTTCCCAAACACCTTCAG    14976
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTTAGTCATTCATTTCATACAACTGATTCAATTCTCCCAACCAGCCCCTGTTGGTTATT    15036
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTAGAATCCAAGAGTAACTCACTGGTAATCCCTTAGAGTTGATCACCAGCTGGCACATTT    15096
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGTGTTTTAAATAATTAAATGGTGTTCCTTTACCAGATGCAGTGGATGGATACATGCCAG    15156
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCAATATATGCCATTCGGATCAGTACCATGTTTATTAGCTCTGATCTCCTTATTAAATGA    15216
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AACTTGATATTTTCACCGAGTTTTCATTCACCCCAGCCTTGTTCCGCCTTTCAAAAGGAC    15276
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CACAAATCCATGATACTTGAATCTATTATGCAGACCAGGACTAATTATCTAATGAGAAAC    15336
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTTATTAATTTCCATTCGTATATATTTAATGGCTTTACCAGAAACTGTATGTGACATATG    15396
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATAAAGATTAGCCATCATTGATCATTTATAGTAAATGGCTTTACCCACAGAAATAATAT    15456
GQ903730.1    ------------------------------------------------------------    690
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AM486116.2    GATACGTAGCATAGTCATCATATATGTTAATGAATGCATGAAAATTAATGATGTTGTGAC    15516
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CCAAGTGATCATAGGCATCACTTTGTTTATGTACACCCACACTCTCTCATTTCTTAAATC    15576
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATTGGGAATTTAGGGAAATAATTTATGAATTAGGTTCCATTGAAGACCTTTGTTTTAAT    15636
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GAGCTTAGCTGCCATTAGATTACATACTGCGCGCAGCCTGATCAGGAAGAAAATACTAGA    15696
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGCCTTCACTGTGTTTGTGAAAGTAGTTGATCTATCAGCTTCTTGTCTGCTTGCTTCAGC    15756
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CATACTCCTTGACCAGTTTCTGTTCTGACAGTAAGATTTCCCCATTGAATCTCCTGCAAA    15816
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ACTTACGGAAGTAGAGAAAACAACACTTCTTGCCAAATAGAAGTTATAGACCCACGAGAC    15876
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TACGAGAGAGCCATGGAGCAGCTGGAGCTGTATGTTTAGGGTTTCTTTATTTGAGGTTAG    15936
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTATTGCGCGCGGGAGTARGTTTAGTTGGACTGGTGGTTTGCTGTCAAACTCACAGTAAA    15996
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAAAAGTCAGCAAAAGCAGTTGTGAAGTAATAACCCCTCAAAGTGTTTACGTTTGAAAAT    16056
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTCTTTCCATATTAAAAATGTTAAAAACACTTTTTATAACCACCGTAAAACACACTTTC    16116
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTCGTTTTTACTTTATTTTACATTAAAGGTGCTTTCTTCGTTTTTACTTTATCATTACTT    16176
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATCTTTGAGGGCCTCCTATTAAACTAAAAAATGTTGATTATCAACTTCCACAACTACTA    16236
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTCCTTTTAGGTCATGGTCACATGGTCATACTTTGAATTTGTTTACCCGCTTTAGATTGT    16296
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATCACATGTTCATACTTAGAATTTGTTTACCAAATTTATTGTTTATTTGGTCTATTTAT    16356
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGCTTATAACTTTTGTGTTTTATATAAAAGTTACTATTAGATATGTTTRATGACTGTTTT    16416
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCAAAACAGTTTTTTAAATTTTTAAAACAAAAACATAGGAAAACAAGTTTAGTGATTAGAA    16476
GQ903730.1    ------------------------------------------------------------    690
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AM486116.2    CTAAAAAAAAAAAACAATTTTCTATTAATGAAAATAGATAATAAGATATTTTTAGAAAATA    16536
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AM486116.2    TATTTTAATTATTTTAAATTATTTTCACTTATTTTATGAAAACTGTTTTAAAAAATAATT    16596
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATATAAATATATATAAAAAAATAAAAATAAAAGATTACATATAAAAGTTAGTTTTAGAAA    16656
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TATATTTAAAAATATGGAACACGGGTTAAAAACTTCTTACCCAAACATAACTTTTATTTT    16716
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATAAAACATGAAATAATAGTTTTTAAAAATTATTTTTCAAAACTATTTTTAAAAACACTT    16776
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCTATATAGAATCTTATCTTCTATTTTTTTTAGAAATAGAATACAAGAAATCCAAATAGA    16836
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AACTAATTAGTTTTTCAAAAAATATTAATGAAGATCAAATTTAACAAAATTATTTGAAAA    16896
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTTGTATACTTTTAAAAACTTCCTTCTTAAATGAAAGGGAGATAGATCAAGAAWAATAAT    16956
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATAAGGGTAGAAGATATTTTTATTTTTAAAGCTTAATTTTATCCTTCATTACTTCTTCT    17016
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTTTTGCCCTTTTTTTCCCCTTAAGTTTTCCCGTTGAACGGCCGAAGTTGCAAAACTCCT    17076
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATTATGGATCATGCTCTGGGCTTTGTTAGTGGAATGGGCTTAACTAGGTTTGGGCCTATT    17136
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CTCATTAGGTCTAAGAGTCATGCGTTGGGCCTAGTCTTGCTAGGTCTTAAGTCTCATGGT    17196
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTGGGCCTTCTGTTTTCTGGTTGCTACAGTTTCTTATATAGGGATCAAGGYATGTTTGGT    17256
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TGTTGTAAWWGAAAACTGTTGAACAGTTTTCAAAAACAGTTTTTTCAATTTAAAAAAAAA    17316
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAAATTGTGTTTAGGAACTGAATTTTGGAAACAGTTTTTGTTCTCAAAAACAAAAAAAAA    17376
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CAAAAAAACATGTTTGGTTAAGTTAATAAAAAGGTTTTTTAAAACAAGTAAAACAAGAAA    17436
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CATGTTTGAAAATTGTTGTTTTTTTTYCAATTAATAAAGTGTTTTCTTCAAATAACTTGAT    17496
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATTATAAATTTATAAATAATTTTTATATACTCAATTCATTTAAATTAAATAAAAAAATAT    17556
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GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTCATTTTAAAATCTTTACATCAATTGACAAYTAGTYGTTGAGGTTGTTGTAGATTATAA    17616
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCATCAACCCATAATTTTAAAAAAACATGAGATAAAAAGTTTTAAAAAGAATTAATTTAAT    17676
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTTTACAACTAATTTTCACCCAACAAGCTTGTAAATAGAATATATATGACATGAAAATAA    17736
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    ATGTAAATATGTCCATTTGAGATGAAAAAAAAATGCAAAGAAACCATCAAAATAAGTTTT    17796
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGTTTTCATATAAACMAAATTTTTATTCTAAATTTTATTTTTAGTAATTAATCTAAATAT    17856
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATTTTTATTTTGATGATTGAAATCAAAGCAACCAAGTTGTTATTTTAATMAATTGCTTT    17916
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    GGCCAATAATTGTTTACAATGACACTTTGCTCATTATTGTTTGATTTATAAGTAAGGTGA    17976
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AGTTTGAAGACAGTCATTTTCCAAGGGATTCCCACGACTGAAGATGGTGTTATATTTGTG    18036
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AAGTTTAAAGATGTTTTAACCAATATATTTTACCAACCAATATGTTTTGACCAATATATT    18096
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TTATCTTTACATATGAATTTTATTTTACCAAATATTTTATCCATACAAATGGCTTTCATG    18156
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCCCTTAAAAATATCTCTGACCGTTCCAATCTTGAGAAAAGTCTTTACCCAATATTACCT    18216
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TCTGATTTACATATTACTACCCTCACTTTCTCGTCTTTCATGTTCTTCAAAACTGGAAAA    18276
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    TAAAAAATAAAAAAAAATCACCTACAAAACCCTCTCAATAAATATAAATTTCCCAGCAACT    18336
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CATTTTCTTTCTCTTCCGTGTCCTTAAGCAGATATTTTGTTTTTCTTGAACAGAACAACT    18396
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CAAGAAAAATCAGAACTAAGAAATGGGAAAAATTAGGAAATTTTTTTTCTTTCTCATTCC    18456
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    CCACTTTTCTCAGCATCCAAATGGGAAAAATCAAAAAACTAAAAAAACACATGATAAAAA    18516
GQ903730.1    ------------------------------------------------------------    690


AM486116.2    AATAAATAATTAAATAAATAATAAAACTCAGATCTCATTTGAATAACAAAACTAAGAAAC    18576
GQ903730.1    ------------------------------------------------------------    690
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AM486116.2   AATCTCATTCCAAACAAAAATAGATTTCAAAACAAACAAAATAGCTTYTACAATACCAAA   18636
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   AAAAAAAAAAWATCTTTTTACCCATATCTAACATTTTTCTCAACAAATGTTAYCAAAATAA   18696
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   ACCTATTTTAGTAGATCTACCAAAAATAACTTCAACATAGAAATAAAAGGAAAACACAAA   18756
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   TGTGTTGGTGGAGTTGCYTTCSTTTTGTGCTACTAGAGATRCYGCCACAGTGCTGGAGAA   18816
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   GAGGAAATGTGAGAACGAAGAGAAAAAAACACGGAGAACAGTTGTTCTCTTATGGCTTTT   18876
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   TTTTTGTTTTGTAAACAGTAAAAAAAATTAGGAAAACAACGTTTTTTTTTATTGTCTAAAAA   18936
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   GTGTCATTTTGAGAACACGGAGAACAAGAAAAACAAAAACAATTTTCTCAACCTAACAAG   18996
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   TTTTTAGTGTTTTTTGTTTTTAATAACAAAAAACAGTTCTTGAAAACACCAACCAAACAG   19056
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   GCCCTAACTTACTAGCTATGAACTTATAGTCATGCAGTGTGACATTCCTTTTTTTTTATT   19116
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   ACTTTAAAAATGGGCAAATAACAACAACTGAGTTTTGATATTAGATAATGATCCAAGAAG   19176
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   CTTAAATACTCATCAATTCATAATAAATGTTTGTACAAATTTAATTATAAAAATATCAAT   19236
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   AATGTAAAATCATGTAAAATATAAAATATCAAAGTTTCGATAAAAAATAATAAAGTAAAT   19296
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   CATGAGAGAACGATTGAGAGAGTAACAATGATCTCATATAAAAGACATGCGTCAAATTCG   19356
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   AGAAAAATATCRAGAATAAGGGTGAGATTCGAATTTTGGTTAGAAAATAGATTTTCTTTC   19416
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   TCTTTTTTTTTGTATGAAATTAGATATTTTATWAAATTAGTCATAAATATATAATTGTGT   19476
GQ903730.1   ------------------------------------------------------------   690


AM486116.2   ATGTATATNAT      19487
GQ903730.1   ----------      690
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