```
                                          10        20        30        40        50        60
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
KC893637_GLYCINE_FALCATA         ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
KC893633_GLYCINE_TOMENTELLA      ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
KC893638_GLYCINE_SYNDETIKA       ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
KC893636_GLYCINE_DOLICHOCARPA    ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
KC893634_GLYCINE_STENOPHITA      ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
KC893632_GLYCINE_CYRTOLOBA       ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGACGAAGATGCATCTTGG
KF611800_GLYCINE_SOJA            ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
NC_007942_GLYCINE_MAX            ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAAGCCCTGGGGAAGAAGATGCATCTTGG
JQ755301_VIGNA_UNGUICULATA       ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAACCCCCGGGGATAAAGATGCATCTTGG
NC_013843_VIGNA_RADIATA          ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAATCCCTGGGGATAGAGATGCAGCTTGG
AP012598_VIGNA_ANGULARIS         ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGACTCCCCGGGGATAGAGATGCAGTTTGG
NC_009259_PHASEOLUS_VULGARIS     ATGCCCATTGGTGTTCCAAGAGTACCCTTTCGAACCCCCGGGGACCGTGATGCATCTTGG
NC_016708_MILLETTIA_PINNATA      ATGCCCATTGGTGTTCCAAAAGTATCCTTCCGAACTCCCGGGAGATGGAGATGCATCTTGG
NC_014057_PISUM_SATIVUM          ATGCCAGTAGGTGTTCCAAAGGTAGGCTTTGAAGTTCCTGGCGATGATGAAGCTTCTTGG
NC_014063_LATHYRUS_SATIVUS       ATGCCAGTGGGTGTTCCAAAGGTAGCCTTTCAAATTCCTGGCGAGGATGAAGCTACTTGG
EU849487_TRIFOLIUM_SUBTERRANEUM  ATGCCGGTTGGAGTTCCCAAGGTCCCCTATTTAATGCCGGAGGAAGATGAGGCATCTTGG
NC_011163_CICER_ARIETINUM        ATGCCACTTGGTGTACCAAAGGTACCTTTTCTCGTTCCTGGAGATGATGAGGCATCTTGG
NC_003119_MEDICAGO_TRUNCATULA    ATGCCAATTGGTGTTCCAAAAGTACCCTTTCAACTTCCTGAAGAAGATGAGGCATCTTGG
DQ226511_MORUS_INDICA            ATGCCTATTGGTGTTCCAAAAGTACCTTTTCGAAGTCCTGGAGACGAAGATGCATCGTGG
NC_015996_PYRUS_PYRIFOLIA        ATGCCTATTGGTGTTCCAAGAGTACCTTTTCGAAGTCCTGGAGAGGAAGATGCATTGTGG
NC_014674_CASTANEA_MOLLISSIMA    ATGCCTATTGGTGTTCCAAAAGTACCTTTTCGAAGTCCTGGAGAGGAAGATGCATCGTGG
KC180787_EUCALYPTUS_GLOBULUS     ATGCCTATTGGTGTTCCAAAAGTACCCTTTCGAAGTCCTGGAGAGGAAGATGCCTCTTGG
DQ119058_CUCUMIS_SATIVUS         ATGCCTGTTGGTGTTCCAAAAGTACCCTTTCGACTTCCCGGAGAAGAAGATGCATCGTGG
ACACIA_LIGULATA                  ATGCCTTTTGGTGTTCCAAAGGTACCTTATCAAGGTCCTGAAGATGAAAACGCGTCTTGG
NC_023090_LUPINUS_LUTEUS         ATGCCCATTGGTGTTCCAAAAGTACCCTTTCGAAGTCCTGGAGAAGAAGATGCATCTTGG
AP002983_LOTUS_JAPONICUS         ATGCCCATTGGTGTTCCAAAAGTGCCCTTTCGAAGTCCTGGAGAGGAAGATGCATCTTGG

                                          70        80        90       100       110       120
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
KC893637_GLYCINE_FALCATA         GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
KC893633_GLYCINE_TOMENTELLA      GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
KC893638_GLYCINE_SYNDETIKA       GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
KC893636_GLYCINE_DOLICHOCARPA    GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
KC893634_GLYCINE_STENOPHITA      GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
KC893632_GLYCINE_CYRTOLOBA       GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
KF611800_GLYCINE_SOJA            GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
NC_007942_GLYCINE_MAX            GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGAGGTTGAT
JQ755301_VIGNA_UNGUICULATA       GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGATGTTGAT
NC_013843_VIGNA_RADIATA          ATTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGATGTTGAT
AP012598_VIGNA_ANGULARIS         ATTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGATGTTGAT
NC_009259_PHASEOLUS_VULGARIS     GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGTCAAGACGTTGAT
NC_016708_MILLETTIA_PINNATA      GTTGATATATACAATCGACTTTATCGAGAAAGATTACTTTTTTTAGGCCAAGAGGTTGAT
NC_014057_PISUM_SATIVUM          ATTGACTTATACCATCAACTTTTTTTCGACAGACTACTTTTTTTAGGTCAAGAGGTTGAG
NC_014063_LATHYRUS_SATIVUS       GTTGACTTATACCATCAACTTTTTTTACAGCAGACTTCTTTTTTTAGGTGACGAGATTGAG
EU849487_TRIFOLIUM_SUBTERRANEUM  GTTGATTTATACCATCTTCTTTACGAAGAAAGACTTTTATTTTTAGGGCAAGAAGTAAAC
NC_011163_CICER_ARIETINUM        ATTGACTTATACAATCGACTTTTTCAAGAAAGACTACTTTTTTTAGGTCAAGAAGTAAAC
NC_003119_MEDICAGO_TRUNCATULA    GTTGATTTATACAATCGACTTTTTCAAGAAAGATTACTTTTTTTAGGTCAAGAGGTCAAC
DQ226511_MORUS_INDICA            GTTGACGTATACAACCGACTTTATCGAGAAAGATTACTTTTTTTAGGCCAAGAGGTTGAT
NC_015996_PYRUS_PYRIFOLIA        ATTGACATATACAACCGACTTTATCGAGAACGATTACTTTTTTTAGGCCAAGGGGTTGAT
NC_014674_CASTANEA_MOLLISSIMA    GTTGACATATACAACCGACTTTATCGAGCAAGATTACTTTTTTTAGGCCAAGAGGTTGAT
KC180787_EUCALYPTUS_GLOBULUS     GTTGACGTATACAACCGACTTTATCGAGAAAGATTACTTTTTTTAGGCCAAGAGGTTGAT
DQ119058_CUCUMIS_SATIVUS         GTTGACCTATACAACCGACTTTATCGACAAAGATTACTTTTTTTAGGCCAAGATGTTAAT
ACACIA_LIGULATA                  TTTGACTTATACAACGGACTTTATAAAACAAGAGCCGTTTTTATAGGCCGTAAGCTTGAT
NC_023090_LUPINUS_LUTEUS         GTTGACATATACAACCGACTTTATCGCGAAAGACTACTTTTTTTAGGCCAAGAGGTTGAT
AP002983_LOTUS_JAPONICUS         GTTGACATATACAATCGACTTTATAGAGAAAGACTGCTTTTTTTAGGCCAGGAAGTTAAT

                                         130       140       150       160       170       180
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAGGAA---GAG
KC893637_GLYCINE_FALCATA         AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAGGAA---GAG
KC893633_GLYCINE_TOMENTELLA      AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAGGAA---GAG
KC893638_GLYCINE_SYNDETIKA       AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAGGAA---GAG
KC893636_GLYCINE_DOLICHOCARPA    AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAGGAA---GAG
KC893634_GLYCINE_STENOPHITA      AGTGAAATATCGAATCAACTAATTAGTCTTATGGTCTATCTTAGTATAGAGGAA---GAG
KC893632_GLYCINE_CYRTOLOBA       AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAGGAA---GAG
KF611800_GLYCINE_SOJA            AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAAGAA---GAG
NC_007942_GLYCINE_MAX            AGTGAAATATCGAATCAACTAATTAGTCTTATGGTATATCTTAGTATAGAAGAA---GAG
JQ755301_VIGNA_UNGUICULATA       AGTGAAATATCGAATCAACTTATTAGTATTATGATATATCTGAGCATAGAGAAA---GAG
NC_013843_VIGNA_RADIATA          AGTGAAATATCGAATCAACTTATTAGTATTATGATCTATCTGAGCATAGAGAAA---GAG
AP012598_VIGNA_ANGULARIS         AGTGAAATATCGAATCAACTTATTAGTCTTATGATCTATCTGAGCATAGAGAAA---GAG
NC_009259_PHASEOLUS_VULGARIS     AGTGAAATATCGAATCAACTTATTAGTCTTATGATATATCTGAGCATAGAGAAA---GAG
NC_016708_MILLETTIA_PINNATA      AGTCAACTATCGAATCAACTTATTGGTATTATGCTGTATCTCAGTATAGAGAGC---GAT
NC_014057_PISUM_SATIVUM          AGTGAAATATCAAATCAAGTTTGTGGTATGATGATATATCTCAGTTTAGAGAAC---AAG
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NC_014063_LATHYRUS_SATIVUS       AGTGAACTAGCAAATCAAGTTGCTGGTATGATGATATATCTCAGTTTAGAGAAC---AAG
EU849487_TRIFOLIUM_SUBTERRANEUM  AGTGAAATTTCAAATCAATTGAATGGTCTTATGGTATATCTTAGTTTACAGGAC---AAG
NC_011163_CICER_ARIETINUM        AGTGAAATATCAAACCAACTTGTTGGTCTAATGGTATATCTAAGTTTAGAGGAC---AAG
NC_003119_MEDICAGO_TRUNCATULA    ACTGAAATATCAAATCAACTTGTTGGTCTAATGGTATATCTCAGTTTAGAGGAC---AAG
DQ226511_MORUS_INDICA            AGCGAGATCTCGAATCAACTTATTGGTCTTATGGTATTTCTCAGTATAGAGGAT---GAT
NC_015996_PYRUS_PYRIFOLIA        AGCGAGATCTCGAATCAACTTATTGGTCTTATGGTATATCTCAGTATAGAGGAT---GAT
NC_014674_CASTANEA_MOLLISSIMA    AGCGATCTCTCGAATCAAATTATTGGTCTTATGGTATATCTCAGTCTAGAGGAT---GAT
KC180787_EUCALYPTUS_GLOBULUS     AGCGAGATTTCGAATCAACTTATTGGTCTTATGGTATATCTCAGTATAGAGAAT---GAT
DQ119058_CUCUMIS_SATIVUS         AATGAGATCTCGAATCAAATTATGGGTCTTATGGTATATCTCAGTATAGAGGAT---GGT
ACACIA_LIGULATA                  GATGAACTAATGAATCAAACTGTGGGAATTTTGGTGCATCTCCATCTAAACAATCCTGAC
NC_023090_LUPINUS_LUTEUS         GGTGAAATATCAAATCAACTTATCGGCCTTATGGTATATCTCAGTATAGAGGAC---GAT
AP002983_LOTUS_JAPONICUS         AGTGAAATATCAAATCAACTTATTGGTCTTATGGTATATCTCAGTATAGAGGAT---GAT

                                          190       200       210       220       230       240
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       AATAAAGATTTGTATCTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
KC893637_GLYCINE_FALCATA         AATAAGGATTTGTATCTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
KC893633_GLYCINE_TOMENTELLA      AATAAAGATTTGTATCTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
KC893638_GLYCINE_SYNDETIKA       AATAAAGATTTGTATCTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
KC893636_GLYCINE_DOLICHOCARPA    AATAAAGATTTGTATCTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
KC893634_GLYCINE_STENOPHITA      AATAAAGATTTGTATCTGTTTATAAATTCTCCGGGTGGGTGGGTAATACCCGGAATAGCT
KC893632_GLYCINE_CYRTOLOBA       AATAAAGATTTGTATTTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
KF611800_GLYCINE_SOJA            AATAAAGATTTGTATCTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
NC_007942_GLYCINE_MAX            AATAAAGATTTGTATCTGTTTATAAATTCTCCGGGGGGGTGGGTAATACCCGGAATAGCT
JQ755301_VIGNA_UNGUICULATA       AATAAAGAATTGTCTCTGTTTATAAACTCTCCGGGGGGGTGGGTAATACCTGGAATAGCT
NC_013843_VIGNA_RADIATA          AATAAAGAATTGTCTCTGTTTATAAACTCTCCGGGGGGGTGGGTAATACCTGGAATAGCT
AP012598_VIGNA_ANGULARIS         AATAAAGAATTGTCTCTGTTTATAAACTCTCCGGGGGGGTGGGTAATACCTGGAATAGCT
NC_009259_PHASEOLUS_VULGARIS     AATAAAGATTTATATCTGTTTATAAACTCTCCGGGCGGTTGGGTAATACCTGGAATAGCT
NC_016708_MILLETTIA_PINNATA      AACAAAGATTTGTGTCTGTTTGTAAATTCTCCGGGTGGGTGGGTAATACCTGGACTAGCT
NC_014057_PISUM_SATIVUM          TACAAAAATTTGTATCTGTTTATAAAATCTCCAGGCGGAGAGGTTCTATCTGGATTGGCC
NC_014063_LATHYRUS_SATIVUS       AACAAAGATTTGTATCTGTTTATAAATTCTCCCGGCGGAGAGGTTATGTCTGGAATGGCC
EU849487_TRIFOLIUM_SUBTERRANEUM  ACAAAAGATTTGTATCTGTTTATAAATTCTCCGGGCGGAGAGCTAATGTCCGGAATGGCT
NC_011163_CICER_ARIETINUM        AACAAAGATTTGTATTTGTTTATAAATTCTCCGGGCGGAGAGGTAATATCTGGAATGGCA
NC_003119_MEDICAGO_TRUNCATULA    ACCAGAGATTTGTATTTGTTTATAAATTCTCCGGGCGGAGAGGTAATATCTGGAATGGCT
DQ226511_MORUS_INDICA            ACTAAGGATCTCTATTTGTTTATAAACTCTCCCGGCGGATGGGTAATACCTGGATTAGGT
NC_015996_PYRUS_PYRIFOLIA        ACCAAAGATCTATATTTGTTTATAAATTCTCCTGGCGGATGGGTAATACCCGGAGTAGCT
NC_014674_CASTANEA_MOLLISSIMA    AGCAAAGATCTGTATTTGTTTATAAACTCTCCCGGGGGGTGGGTAATACCCGGAGTAGCT
KC180787_EUCALYPTUS_GLOBULUS     AACAAGGATCTGTATTTGTTTATAAACTCTCCTGGCGGATGGGTAATCCCCGGAGTAGCT
DQ119058_CUCUMIS_SATIVUS         ACCAAAGATCAGTATTTATTTATAAACTCTCCCGGTGGATCGGTAATACCCGGAGTAGGT
ACACIA_LIGULATA                  AAAAAAGACATCCAAGTTTTTATAAATTGTCCAGGTGGATGGATGGTATCCGGAATAGCT
NC_023090_LUPINUS_LUTEUS         AACCAAGATTTGTATCTGTTTATAAATTCCCCAGGCGGATGGGTAATCCCCGGAATAGCT
AP002983_LOTUS_JAPONICUS         AAGAAAGATTTGTATCTGTTTATTAATTCTCCGGGAGGATGGGTAATCCCCGGAATAGCT

                                          250       260       270       280       290       300
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTATGGGATTAGCC
KC893637_GLYCINE_FALCATA         ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTATGGGATTAGCC
KC893633_GLYCINE_TOMENTELLA      ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTATGGGATTAGCC
KC893638_GLYCINE_SYNDETIKA       ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTATGGGATTAGCC
KC893636_GLYCINE_DOLICHOCARPA    ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTATGGGATTAGCC
KC893634_GLYCINE_STENOPHITA      ATTTATGATACTATGCAATTTGTACAACCAGATGTACAAACAGTATGTATGGGATTAGCC
KC893632_GLYCINE_CYRTOLOBA       ATTTATGATACTATGCAATTTGTACAACCAGATGTACAAACAGTATGTATGGGATTAGCC
KF611800_GLYCINE_SOJA            ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTATGGGATTAGCC
NC_007942_GLYCINE_MAX            ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTATGGGATTAGCC
JQ755301_VIGNA_UNGUICULATA       ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTCTGGGATTAGCT
NC_013843_VIGNA_RADIATA          ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTCTGGGATTAGCT
AP012598_VIGNA_ANGULARIS         ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTCTGGGATTAGCT
NC_009259_PHASEOLUS_VULGARIS     CTTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAGTATGTTTGGGATTAGCT
NC_016708_MILLETTIA_PINNATA      ATTTTTGATACTATGCAATACATAGAACCAGACGTACAGACAGTATGTATGGGATTAGCC
NC_014057_PISUM_SATIVUM          ATTTTTGATATTATGCAATTTGTGGAAGCAGAAGTACAGACAGTATGCGTAGGATTAGCC
NC_014063_LATHYRUS_SATIVUS       ATTTTTGATACTATGCAAGTTGTAGAAGCACAAGTACATACAATATGCATGGGATTAGCC
EU849487_TRIFOLIUM_SUBTERRANEUM  ATGTTTGATACTATGCAATTTGTAAAAGCCGAAGTACAGACAGTATGCGTAGGAATAGCC
NC_011163_CICER_ARIETINUM        ATATTTGATACTATGCAATTTGTAGAAGCAGAAGTACAGACAGTATGCGTAGGATTAGCC
NC_003119_MEDICAGO_TRUNCATULA    ATATTTGATATTATGCAAGTTGTAGAAGCAGAAGTACATACAGTATGCGTAGGACTAGCC
DQ226511_MORUS_INDICA            ATTTATGATACTATGCAATTTGTGCAACCAGACGTACAAACAATATGCATGGGATTAGCC
NC_015996_PYRUS_PYRIFOLIA        ATTTATGATACTATGCAATTTGTGCGACCAGATATACAGACAATATGCATGGGATTAGCC
NC_014674_CASTANEA_MOLLISSIMA    ATTTATGATACTATGCAATTTGTACAACCAGATGTACAGACAATATGCATGGGATTGGCC
KC180787_EUCALYPTUS_GLOBULUS     ATTTATGATACTATGCAATTTGTGCAACCCGATGTGCATACAATATGCATGGGATTAGCC
DQ119058_CUCUMIS_SATIVUS         CTTTTTGATACTATGCAATTTGTGTCACCAGATGTCCATACAATATGTATTGGATTAGCC
ACACIA_LIGULATA                  ATTGCTGATTTGATGGAAACAGTGCAACCAGATGTACAGACAATATGCGTGGGAACAGCC
NC_023090_LUPINUS_LUTEUS         ATTTATGATACTATGCAATTTGTACAACCAGATGTACAAACAGTATGCATGGGATTAGCT
AP002983_LOTUS_JAPONICUS         ATTTATGATACTATGCAATTTGTACAACCGGATGTACAGACAGTATGCATGGGATTAGCC

                                          310       320       330       340       350       360
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
KC893637_GLYCINE_FALCATA         GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
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KC893633_GLYCINE_TOMENTELLA      GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
KC893638_GLYCINE_SYNDETIKA       GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
KC893636_GLYCINE_DOLICHOCARPA    GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
KC893634_GLYCINE_STENOPHITA      GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
KC893632_GLYCINE_CYRTOLOBA       GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
KF611800_GLYCINE_SOJA            GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
NC_007942_GLYCINE_MAX            GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGAGAAATTACCAAACGTTTAGCATTCCCT
JQ755301_VIGNA_UNGUICULATA       GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGCACAATTACCAAACGTCTTGCATTTCCT
NC_013843_VIGNA_RADIATA          GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGCACAATTACCAAACGTCTTGCATTTCCT
AP012598_VIGNA_ANGULARIS         GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGCACAATTACCAAACGTCTTGCATTTCCT
NC_009259_PHASEOLUS_VULGARIS     GCTTCAATGGGATCCTTTCTTTTGGCAGGAGGCACAATTACCAAACGTCTTGCATTTCCT
NC_016708_MILLETTIA_PINNATA      GCTTCAATGGGATCCTTTCTTTTGGCAGCCGGAGAAATTACCAAACGTCTAGCATTCCCT
NC_014057_PISUM_SATIVUM          GCTTCAATGGCATCTTTGATTTTGCTAGGAGGCGAAATTACCAAACGTCTAGCATTCCCT
NC_014063_LATHYRUS_SATIVUS       GCTTCAATGGCATCTCTTATTTTGGCAGGAGGCGGAATTACCAAACGTCTAGCATTTCCT
EU849487_TRIFOLIUM_SUBTERRANEUM  GTTTCAATGGCATCCCTTCTTTTGCTAGGGGGAGAAATTACCAAACGTCTAGCATTTTCT
NC_011163_CICER_ARIETINUM        GCTTCAATGGGATCGCTTATTTTGGTAGGAGGAGAAATTACCAAACGTCTAGCATTCCCT
NC_003119_MEDICAGO_TRUNCATULA    GCTTCAATGGGATCTCTTCTTTTGGTCGGAGGGGAATTTACCAAACGTCTAGCATTCCCT
DQ226511_MORUS_INDICA            GCTTCAATGGGATCTTTTATTCTGGTCGGAGGAGAAATTACCAAACGTCTAGCATTCCCT
NC_015996_PYRUS_PYRIFOLIA        GCTTCAATGGGATCTTTTATTCTGGTCGGAGGAGAAATTACCAAACGTCTAGCATTCCCT
NC_014674_CASTANEA_MOLLISSIMA    GCTTCAATAGGATCTTTTCTTCTGGTCGGGGGAGAAATTACCAAACGTCTAGCATTCCCT
KC180787_EUCALYPTUS_GLOBULUS     GCTTCAATGGGATCTTTTGTCCTGGTCGGCGGAGAGATTACCAAACGTCTAGCATTCCCT
DQ119058_CUCUMIS_SATIVUS         GCTTCAATGGGATCTTTTATTCTAGTCGGAGGAGAAATTACCAAACGTCTAGCATTCCCT
ACACIA_LIGULATA                  GCTTCAATGGCAACTTTTATTCTCCTATCAGGAGAACCGACAAAATGTACAGCATTCCCT
NC_023090_LUPINUS_LUTEUS         GCTTCAATGGGATCCTTTATTTTGGCAGGAGGCGAAATTACCAAACGTCTAGCATTTCCT
AP002983_LOTUS_JAPONICUS         GCTTCAATGGGATCTTTTGTTTTGGCAGGCGGAAAAATTACCAAACGTCTAGCATTCCCT

                                          370       380       390       400       410       420
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
KC893637_GLYCINE_FALCATA         CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
KC893633_GLYCINE_TOMENTELLA      CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
KC893638_GLYCINE_SYNDETIKA       CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
KC893636_GLYCINE_DOLICHOCARPA    CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
KC893634_GLYCINE_STENOPHITA      CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
KC893632_GLYCINE_CYRTOLOBA       CACGCTAGGGTAATGATACACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
KF611800_GLYCINE_SOJA            CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
NC_007942_GLYCINE_MAX            CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAGGCACAAACGGGA
JQ755301_VIGNA_UNGUICULATA       CACGCTAGGGTAATGATCCACCAACCTGC---TAGTTCTTTTTATGAGGCACAAGCGGGA
NC_013843_VIGNA_RADIATA          CACGCTAGGGTAATGATCCACCAACCTGC---TAGTTCTTTTTATGAGGCACAAGCGGGA
AP012598_VIGNA_ANGULARIS         CACGCTAGGGTAATGATCCACCAACCTGC---TAGTTCTTTTTATGAGGCACAAGCGGGA
NC_009259_PHASEOLUS_VULGARIS     CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAAGCACAAGCGGGA
NC_016708_MILLETTIA_PINNATA      CACGCTAGGGTAATGATCCACCAACCCGC---TAGTTCTTTTTATGAAGCACAAACGGGA
NC_014057_PISUM_SATIVUM          CACGCTAGGGTAATGATCCATCAACCTGC---TAGTTCTGCTTATGATGGACAATCGGGA
NC_014063_LATHYRUS_SATIVUS       CACGCTAGGGTAATGATCCATCAACCTCA---TAGTGCCCCTTATGAGGGACCATCAGGA
EU849487_TRIFOLIUM_SUBTERRANEUM  CACGCTAGGGTCATGATGCATGAACCTGC---TAGTGTGTTTGAAGACGATAAAACAGGC
NC_011163_CICER_ARIETINUM        CACGCTAGGGTAATGATCCATCAACCTGC---TACTTCTTTTTATGAGGGACAAACAGTA
NC_003119_MEDICAGO_TRUNCATULA    CACGCTAGGGTAATGATCCATCAACCTGC---TACTTCTTTGTATGAGGGACAAGTAGGA
DQ226511_MORUS_INDICA            CACGCTAGGGTAATGATCCATCAACCTGC---TAGTTCTTTTTATGAGGCACAGACGGGA
NC_015996_PYRUS_PYRIFOLIA        CACGCTAGGGTAATGATCCATCAACCTGC---TAGTTCTTTTTATGAGGCACAGACGGGA
NC_014674_CASTANEA_MOLLISSIMA    CATGCTAGGGTAATGATCCATCAACCTGC---TAGTTCTTTTTATGAGGCACCCGCAGGA
KC180787_EUCALYPTUS_GLOBULUS     CACGCTAGGGTAATGATACATCAACCTGC---GAGTTCTTTTTATGAGGCACAAACGGGA
DQ119058_CUCUMIS_SATIVUS         CACGCTAGGGTAATGATCCATCAACCTGC---TAGTTCTTTTTCTAAGGGAAAAACGGGA
ACACIA_LIGULATA                  CACGCTAGGGTAATGATACATACACCTATAGGTGATATTTGTCCTAAGACACTATCGGGA
NC_023090_LUPINUS_LUTEUS         CACGCTAGGGTAATGATCCATCAACCCGC---CAGTTCCTTTTATGAGGCACAAACGGGA
AP002983_LOTUS_JAPONICUS         CACGCTAGGGTAATGATCCATCAACCTGC---TAGTTCTTTTTATGAGGCACAAACGGGA

                                          430       440       450       460       470       480
                                           |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
KC893637_GLYCINE_FALCATA         GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
KC893633_GLYCINE_TOMENTELLA      GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
KC893638_GLYCINE_SYNDETIKA       GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
KC893636_GLYCINE_DOLICHOCARPA    GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
KC893634_GLYCINE_STENOPHITA      GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
KC893632_GLYCINE_CYRTOLOBA       GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
KF611800_GLYCINE_SOJA            GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
NC_007942_GLYCINE_MAX            GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
JQ755301_VIGNA_UNGUICULATA       GAATTTGTCCTGGAAGCAGAAGAGCTACTGAAACTGCGTGAAACTATCACAAATGTTTAT
NC_013843_VIGNA_RADIATA          GAATTTGTCCTGGAAGCAGAAGAGCTACTGAAACTGCGTGAAACTATCACAAATGTTTAT
AP012598_VIGNA_ANGULARIS         GAATTTGTCCTGGAAGCAGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
NC_009259_PHASEOLUS_VULGARIS     GAATTTATCCTGGAAGCGGAAGAGCTACTGAAAATGCGTGAAACTATCACAAGGGTTTAT
NC_016708_MILLETTIA_PINNATA      GAATTTATCCGGGAAGCGGAAGAACTACTGAAATTGCGTGAAACTATCACAAGGGTTTAT
NC_014057_PISUM_SATIVUM          GAATGTATGCTGGAAGCACACGAATTACTGTCAATTCGACAAACGATGACAAATATTTAT
NC_014063_LATHYRUS_SATIVUS       GAATGTATGCTGGAAGCAGATGAAATGGTGATACTTCGAGAAACAATAACAGCTATTTAT
EU849487_TRIFOLIUM_SUBTERRANEUM  GAATGTATGCTGGAAGCGGATGAATTACTGAAAATGTACATAGGTATAATAAATATTTAT
NC_011163_CICER_ARIETINUM        GAATGTATGCTGGAAGCGAATGAATTACTGCAAATGCGCCGAAATATCACAAATATTTAT
NC_003119_MEDICAGO_TRUNCATULA    GAATGTATGCTGGAAGCGGAGGAATTACTGAAAATGCGAAAAACTATCACAAATATTTAT
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DQ226511_MORUS_INDICA            GAATTTATCCTGGAAGCGGAAGAACTACTGAAGCTGCGCGAAACCATCACAAGGGTTTAT
NC_015996_PYRUS_PYRIFOLIA        GAATTTATCTTGGAAGCGGAAGAACTTTTGAAGCTGCGCGAAACCGTCACAAGGGTTTAT
NC_014674_CASTANEA_MOLLISSIMA    GAATTTATCCTGGAAGCGGAAGAAATGATGAAGCTGCGCGAAACCATTACAGGGGTTTAT
KC180787_EUCALYPTUS_GLOBULUS     GAATTTATCCTGGAAGCAGAAGAACTGCTGAAACTGCGCGAAACCATCACAAGAGTTTAT
DQ119058_CUCUMIS_SATIVUS         GAATTTGTCCTGGAATCGACCGAACTACTGAACCTGCGCGAAACCATCACAAAGGTTTAT
ACACIA_LIGULATA                  GACTATGTCCTGGAATTGGAGGAAGTAGCGAGGTTGTACACGCGTGTCCTAGAGAAATAT
NC_023090_LUPINUS_LUTEUS         GAATTTATCCTGGAAGCGCAAGAACTGTTGAAACTGCGCGAAACGATCACAAGGGTTTAT
AP002983_LOTUS_JAPONICUS         GAATTTATCCTGGAAGCGGAAGAACTCCTGAAACTACGCGAAACTATCACAAGGGTTTAT

                                         490       500       510       520       530       540
                                          |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       GTACAAAGAACAGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
KC893637_GLYCINE_FALCATA         GTACAAAGAACAGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
KC893633_GLYCINE_TOMENTELLA      GTACAAAGAACAGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
KC893638_GLYCINE_SYNDETIKA       GTACAAAGAACAGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
KC893636_GLYCINE_DOLICHOCARPA    GTACAAAGAACAGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
KC893634_GLYCINE_STENOPHITA      GTACAAAGAACAGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
KC893632_GLYCINE_CYRTOLOBA       GTACAAAGAACAGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
KF611800_GLYCINE_SOJA            GTACAAAGAACGGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
NC_007942_GLYCINE_MAX            GTACAAAGAACGGGCAAACCTTTATGGGTTATATCCGAAGACATGGAAAGGGATGTTTTT
JQ755301_VIGNA_UNGUICULATA       GTACAAAGAACGGGCAAACCTTTATGGGTTATATCGGACGACATGGAAAGGGACGTTTTT
NC_013843_VIGNA_RADIATA          GTACAAAGAACGGGCAAACCTTTATGGGTTATATCGGACGACATGGAAAGGGACGTTTTT
AP012598_VIGNA_ANGULARIS         GTACAAAGAACGGGCAAACCTTTATGGGTTATATCGGACGACATGGAAAGGGATGTTTTT
NC_009259_PHASEOLUS_VULGARIS     GTACAAAGAACGGGCAAATCTTTATGGGTTATATCGGAAGACATGGAAAGGGATGTTTTT
NC_016708_MILLETTIA_PINNATA      GCACAAAGAACGGGCAAACCCTTATGGGTTGTATCCGAAGATATGGAAAGGGATGTTTTT
NC_014057_PISUM_SATIVUM          TGCCAAAGAACACGCAAACCTTCCTGGCAGATATCTAAAGACCTGGACAGGGATTTTTTT
NC_014063_LATHYRUS_SATIVUS       TCGCAAAGAACACGCAAACCGGTATGGCAGATATCTAAAGACCTGGAAAGGGATCATTTT
EU849487_TRIFOLIUM_SUBTERRANEUM  GTACAAAGAACAGGTAAACCCGTATGGCAAATAGCCGTAGACATCAAAAGGGATATTTTT
NC_011163_CICER_ARIETINUM        GCACAAAGAACAGGCAAACCTTCATGGCAGATATCCAAAGACATGGAAAGGGATCTTTTT
NC_003119_MEDICAGO_TRUNCATULA    GCACAAAGAACAGGCAAAGCTTCCTGGCAGATATACAGAGACATGGAGCGGGATCTTTTT
DQ226511_MORUS_INDICA            GTACAAAGAACGGGCAAATCCTTATGGGTTATTTCCGAAGACATGGAAAGAGATGTTTTT
NC_015996_PYRUS_PYRIFOLIA        GTACAAAGGACAGGCAAACCCTTATGGGTTGTATCCGAAGATATGGAAAGAGATGTTTTT
NC_014674_CASTANEA_MOLLISSIMA    GTACAAAGAACAGGCACACCTCTATGGGTTGTATCCGAAGACATGGAAAGAGATGTTTTT
KC180787_EUCALYPTUS_GLOBULUS     GTACAAAGAACGGGCAAACCCCTATGGGTTGTATCCGAAGATATGGAAAGGGATGTTTTT
DQ119058_CUCUMIS_SATIVUS         GTCCAAAGAACAGGCAAACCCTTATGGGTTATATCCGAAGACCTGGAAAGAGATGTTTTT
ACACIA_LIGULATA                  ACAATCAGAACGGGCAAAACTCTACCTGTTATACTGAAAGACATGGAAAAAGTTGTCTTT
NC_023090_LUPINUS_LUTEUS         GTACAAAGAACGGGCAAACCTTTATGGCTTGTATCTGAAGACATGGAAAGGGATGTTTTT
AP002983_LOTUS_JAPONICUS         GTACAAAGAACGGGCAAACCTTTATGGCTTGTATCAGAAGACATGGAAAGGGATGTTTTT

                                         550       560       570       580       590       600
                                          |         |         |         |         |         |
KC893635_GLYCINE_CANESCENS       ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
KC893637_GLYCINE_FALCATA         ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
KC893633_GLYCINE_TOMENTELLA      ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
KC893638_GLYCINE_SYNDETIKA       ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
KC893636_GLYCINE_DOLICHOCARPA    ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
KC893634_GLYCINE_STENOPHITA      ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
KC893632_GLYCINE_CYRTOLOBA       ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
KF611800_GLYCINE_SOJA            ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
NC_007942_GLYCINE_MAX            ATGTCAGCAGCAGAAGCCCAAGCTCACGGAATTGTAGATCTTGTAGCCGTTGAA------
JQ755301_VIGNA_UNGUICULATA       ATGTCAGCAGCAGAAGCCCAAGCTCATGGAATTGTAGATCTTGTAGCAGTT---------
NC_013843_VIGNA_RADIATA          ATGTCAGCAGCAGAAGCCCAAGCTCATGGAATTGTAGATCTTGTAGCAGTT---------
AP012598_VIGNA_ANGULARIS         ATGTCAGCAGCAGAAGCCCAAGCTCATGGAATTGTAGATCTTGTAGCAGTT---------
NC_009259_PHASEOLUS_VULGARIS     ATGTCAGCAGCAGAAGCCCAAGCTCATGGAATTGTAGATCTTGTAGCAGTTGAA------
NC_016708_MILLETTIA_PINNATA      ATGTCAGCAGTAGAAGCCCAAGCCCACGGAATTATTGATATTGTAGCAGTTGAA------
NC_014057_PISUM_SATIVUM          ATGTCAGCAGAAGAAGCCCAAGCCTACGGAATTATTGATACAATAGCAGATTCTTGTTCT
NC_014063_LATHYRUS_SATIVUS       ATGTCACCCGAAGAAGCCCAAGCCTACGGAATTATTGATTCCGTATCAGATTCTTTGCCT
EU849487_TRIFOLIUM_SUBTERRANEUM  ATGTCAGCAGAAGAAGCTCAAGCCTACGGAATTGTTGATATGGTAGCAGATGCCGATTTT
NC_011163_CICER_ARIETINUM        ATGTCAGCAGAAGAAGCTCAAGCCTACGGACTTGTTGATATGGTAGCGGATTCTTTG---
NC_003119_MEDICAGO_TRUNCATULA    ATGTCAGCAGAAGAAGCTGAAGCCCACGGAATTGTTGATACGGTCGCAGCT---------
DQ226511_MORUS_INDICA            ATGTCAGCAACAGAAGCCCAAGCTCACGGACTTGTTGATCTTGTAGCGGTTGAA------
NC_015996_PYRUS_PYRIFOLIA        ATGTCAGCAACAGAAGCCCAAGCTCATGGAATTGTTGATCTTGTAGCGACTGAA------
NC_014674_CASTANEA_MOLLISSIMA    ATGTCAGCAACAGAAGCCCAAGCTCATGGAATTGTTGATCATGTAGGGGTAGAA------
KC180787_EUCALYPTUS_GLOBULUS     ATGTCAGCAACAGAAGCCCAAGCTCATGGAATTGTTGATCTTGTAGCGATTGAA------
DQ119058_CUCUMIS_SATIVUS         ATGTCAGCACCAGAAGCCCAAGCTCATGGAATTGTTGATCTTGTAGCGGTT---------
ACACIA_LIGULATA                  ATGACAGCAGAAGAAGCCCAAGATCATGGAATTATTGATGATATACTTTTGAACGAAGAT
NC_023090_LUPINUS_LUTEUS         ATGTCCGCAGCAGAAGCCCAAGCCCACGGAATTGTGGATCTTGTAGCGGTTGAA------
AP002983_LOTUS_JAPONICUS         ATGTCAGCAGCAGAAGCCCAAGCCTATGGAATTGTTGATCTTGTAGCGGTTGAA------

                                         610       620       630       640
                                          |         |         |         |

KC893635_GLYCINE_CANESCENS       ----------------------------------------TAA
KC893637_GLYCINE_FALCATA         ----------------------------------------TAA
KC893633_GLYCINE_TOMENTELLA      ----------------------------------------TAA
KC893638_GLYCINE_SYNDETIKA       ----------------------------------------TAA
KC893636_GLYCINE_DOLICHOCARPA    ----------------------------------------TAA
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KC893634_GLYCINE_STENOPHITA      ---------------------------------------TAA
KC893632_GLYCINE_CYRTOLOBA       ---------------------------------------TAA
KF611800_GLYCINE_SOJA            ---------------------------------------TAA
NC_007942_GLYCINE_MAX            ---------------------------------------TAA
JQ755301_VIGNA_UNGUICULATA       ---------------------------------------TAA
NC_013843_VIGNA_RADIATA          ---------------------------------------TAA
AP012598_VIGNA_ANGULARIS         ---------------------------------------TAA
NC_009259_PHASEOLUS_VULGARIS     ---------------------------------------TAA
NC_016708_MILLETTIA_PINNATA      ---------------------------------------TAA
NC_014057_PISUM_SATIVUM          TGG-----------------------------------TAA
NC_014063_LATHYRUS_SATIVUS       ACGGAAGCAATTTTTGATTCCGGAGCAGATTCTTTTTTTTAA
EU849487_TRIFOLIUM_SUBTERRANEUM  TTG-----------------------------------TAA
NC_011163_CICER_ARIETINUM        ---------------------------------------TGA
NC_003119_MEDICAGO_TRUNCATULA    ---------------------------------------TAA
DQ226511_MORUS_INDICA            ---------------------------------------TAA
NC_015996_PYRUS_PYRIFOLIA        ---------------------------------------TAA
NC_014674_CASTANEA_MOLLISSIMA    ---------------------------------------TAA
KC180787_EUCALYPTUS_GLOBULUS     ---------------------------------------TAA
DQ119058_CUCUMIS_SATIVUS         ---------------------------------------TAA
ACACIA_LIGULATA                  AAATATTGGGAATGGGAAGAAGATGTA------------TAG
NC_023090_LUPINUS_LUTEUS         ---------------------------------------TAA
AP002983_LOTUS_JAPONICUS         ---------------------------------------TAA
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