

1
CY080523 -----GGAATAATTCTATTAAATCAAGAGACCATC
CY118914 -----TAATTCTATTAAACCATGAAGACTATC
CY113365 -----TAATTCTATTAAACCATGAAGACTATC
CY112837 -----TAATTCTATTAAACCATGAAGACTATC
AJ404626 GCAAAAGCAGGGGAATTACTTAAGTAGCAAAATGGAAACA
CY087800 -----GGTTATAACCATAGACAACCAAAAGCAAAACA
CY032261 -----ATG-----
AF116575 -----ATGGAGGCA
CY006667 -----GGGAAAAATAAAAGCAACCAAAATGAAAGTA
CY009604 -----GAAAAATAAAAAACAACCAAAATGAAGGCA
CY020445 -----AACCAACCAAAATGAAGGCA
CY045772 -----ATGAAGGCA
CY009340 -----GAAAAATAAAAAACAACCAAAATGAAAGCA
CY013271 -----AACCAACCAAAATGAAAGCA
CY010372 -----GAAAAATAAAAAACAACCAAAATGAAAGCA
CY021037 -----AAAAATAAAAAACAACCAAAATGAAAGCA
CY021957 -----ACCGAAATGAAGGCA
JX046926 -----ATGAAGGCA
CY049987 -----ATGAAGGCT
GQ132138.1| -----AAAACAAAAGCAACAAAAATGAAGGCA

41
CY080523 ATT--GCTTTGAGCTACATTTCTGTCTGGCTCTCGGCCA
CY118914 ATT--GCTTTGAGCTACATTTCTGTCTGGTTTTCGCTCA
CY113365 ATT--GCTTTGAGCTACATTTCTGTCTGGTTTTCGCCA
CY112837 ATT--GCTTTGAGCTACATTTTATGTCTGGTTTTCGCTCA
AJ404626 ATATCACTAATAACTATACTACTAGT--AGTAACAG-----
CY087800 ATG--GCCATCAATTTATCTCATTTCTCCTGTTACAG-----
CY032261 -----GCCATCAATTTATCTCATACTCCTGTTACAG-----
AF116575 AG--ACTACTGGTCTTGTATGTGC--ATTTCAG-----
CY006667 AA--ACTACTGGTCTGTTATGTAC--ATTTCAG-----
CY009604 AG--ACTACTGGTCCTGTTATGTGC--ACTTCAG-----
CY020445 AG--ACTACTGGTCCTGTTATGTGC--ACTTCAG-----
CY045772 AG--ACTACTGATCCTGTTGTGTGC--ACTTCAG-----
CY009340 AG--ACTACTGATCCTGTTATGTGC--ACTTCAG-----
CY013271 AA--ACTACTGATCCTGTTATGTGC--ACTTCAG-----
CY010372 AA--ACTACTGGTCCTGTTATGTGC--ACTTCAG-----
CY021037 AA--ACTACTGGTCCTGTTATGTGC--ACTTCAG-----
CY021957 AT--ACTATTAGTCTTGTATGTAC--ATTTCAG-----
JX046926 AT--ACTAGTAGTTCTGCTATATAC--ATTTCAG-----
CY049987 AT--ACTAGTAGTTCTGCTATATAC--ATTTCAG-----
GQ132138.1| AT--ACTAGTAGTTCTGCTATATAC--ATTTCAG-----

81
CY080523 AGACCTTCCAGGAAATGACAACAGCACAGCAACGCTGTGC
CY118914 AAAACTTCCCGGAAATGACAACAGCACAGCAACGCTGTGC
CY113365 AAAACTTCCCGGAAATGACAACAGCACAGCAACGCTGTGC
CY112837 AAAACTTCCCGGAAATGACAACAGCACAGCAACGCTGTGC
AJ404626 -----CAAGCAATG-----CAGATAAAATCTGC
CY087800 -----CAGTGAGAG-----GGGACCAGATATGC
CY032261 -----CAGTGAGGG-----GGGACCAGATATGC
AF116575 -----CTACAAATG-----CAGACACAATATGT
CY006667 -----CTACATATG-----CAGACACAATATGT
CY009604 -----CTACAGATG-----CAGACACAATATGT
CY020445 -----CTACAGATG-----CAGACACAATATGT
CY045772 -----CTACAGATG-----CAGACACAATATGT
CY009340 -----CTACAGATG-----CAGACACAATATGT
CY013271 -----CCACAGATG-----CAGACACAATATGT
CY010372 -----CTACAGATG-----CAGACACAATATGT
CY021037 -----CTACAGATG-----CAGACACAATATGT
CY021957 -----CCACAAATG-----CAGACACATATGT
JX046926 -----CCGCAAAATG-----CAGACACATTATGT
CY049987 -----CCGCAAAATG-----CAGACACATTATGT
GQ132138.1| -----CCGCAAAATG-----CAGACACATTATGT

121

CY080523 CTGGGACATCATGCGGTG---CCAAACGGAACTAGTGA
 CY118914 CTTGGGCACCATGCAGTA---CCAAACGGAAACGATAGTGA
 CY113365 CTGGGACATCATGCAGTG---CCAAACGGAAACGCTAGTGA
 CY112837 CTGGGACACCATGCAGTG---CCAAACGGAAACGCTAGTGA
 AJ404626 ATCGGCCACCACTCAACAACTCCACAGAAACT---GTGG
 CY087800 ATTGGATACCATGCCAATAATTCCACAGAGAAG---GTGG
 CY032261 ATTGGATACCATGCCAATAATTCCACAGAAAAG---GTGG
 AF116575 ATAGGCTACCATGCGAATAACTCAACCGACACT---GTGG
 CY006667 ATAGGCTACCATGCCAACAACCTCAACCGACACT---GTGG
 CY009604 ATAGGCTACCATGCGAACAACCTCAACCGACACT---GTGG
 CY020445 ATAGGCTACCATGCGAACAATTCAACCGACACT---GTGG
 CY045772 ATAGGCTACCATGCGAACAATTCAACCGACACT---GTGG
 CY009340 ATAGGCTACCATGCGAACAATTCAACCGACACT---GTGG
 CY013271 ATAGGCTACCATGCGAACAACCTCAACCGACACT---GTGG
 CY010372 ATAGGCTACCATGCGAACAACCTCAACCGACACT---GTGG
 CY021037 ATAGGCTACCATGCGAACAACCTCAACCGACACT---GTGG
 CY021957 ATAGGTTATCATGCAACAATTCAACAGACACT---GTAG
 JX046926 ATAGGTTATCATGCGAACAATTCAACAGACACT---GTAG
 CY049987 ATAGGTTATCATGCGAACAATTCAACAGACACT---GTAG
 GQ132138.1| ATAGGTTATCATGCGAACAATTCAACAGACACT---GTAG

161

CY080523 AAACAATCACAGATGATCAGATTGAAGTGACTAATGCTAC
 CY118914 AAACAATCACGAATGACCAAAATTGAAGTTACTAATGCTAC
 CY113365 AAACAATAACGAATGATCAGATTGAAGTGACTAATGCTAC
 CY112837 AAACAATCACGAATGACCAAAATTGAAGTGACTAATGCTAC
 AJ404626 ACACGCTAACAGAAACCAATGTTCTGTGACACATGCCAA
 CY087800 ACACAATTCTAGAGCGGAACGTCAGTGTGACTCATGCCAA
 CY032261 ACACAATTCTAGAGCGGAATGTCAGTGTGACTCATGCCAA
 AF116575 ACACAGTACTCGAAAAAAGATGTGACCGTGACACACTCTGT
 CY006667 ACACAGTACTTGAGAAGAATGTGACAGTGACACACTCTGT
 CY009604 ACACACTACTCGAGAAGAATGTGACAGTGACACATTCTGT
 CY020445 ACACAGTACTCGAGAAGAATGTGACAGTGACACACTCTGT
 CY045772 ACACAGTACTCGAGAAGAATGTGACAGTGACACACTCTGT
 CY009340 ACACAGTACTCGAAAAAAGATGTGACAGTGACACACTCTGT
 CY013271 ACACAGTACTCGAAAAAAGATGTGACAGTGACACACTCTGT
 CY010372 ACACAGTACTCGAAAAAAGATGTGACAGTGACACACTCTGT
 CY021037 ACACAGTACTCGAAAAAAGATGTGACAGTGACACACTCTGT
 CY021957 ATACAGTACTAGAAAAAAGATGTAAACAGTAAACACTCTGT
 JX046926 ACACAGTACTAGAAAAAAGATGTAAACAGTAACTCACTCTGT
 CY049987 ACACAGTACTAGAAAAAAGATGTAAACAGTAAACACTCTGT
 GQ132138.1| ACACAGTACTAGAAAAAAGATGTAAACAGTAAACACTCTGT

201

CY080523 TGAGCTAGTTTCAGAGTTCCTCAACGGGGAAAAATATGCAA-
 CY118914 TGAGCTGGTTTCAGAGTTCCTCAACAGGTGGAATATGCGA-
 CY113365 TGAGCTGGTTTCAGAGTTCCTCAACAGGTAGAATATGCGA-
 CY112837 TGAGCTGGTTTCAGAGTTCCTCAACAGGTAGAATATGCGA-
 AJ404626 AGAATTGCTCCACACAGAGCATAATGGAAATGCTGTGTGCA
 CY087800 GGACATTCTTGAGAAGACCCATAACGGAAAGTATGCAAA
 CY032261 GGACATTCCTTGAGAAGACCCATAACGGAAAGTATGCAAA
 AF116575 TAACCTGCTCGAAGACAGCCACAACGGGAAAATATGTAAA
 CY006667 CAACCTACTTGAGGACAGTCACAATGGGAAAATATGTCTA
 CY009604 TAACCTGCTCGAAGACAGCCACAACGGGAAAATATGTAAA
 CY020445 TAACCTGCTCGAAGACAGCCACAACGGGAAAATATGTAGA
 CY045772 TAACCTGCTCGAAGACAGCCACAACGGGAAAATATGTAGA
 CY009340 AAACCTACTCGAAGACAGCCACAACGGGAAAATATGCAGA
 CY013271 AAACCTACTCGAAGACAGCCACAACGGGAAAATATGCAGA
 CY010372 CAACCTACTTGAGGACAGTCACAACGGGAAAATATGCAGA
 CY021037 CAACCTACTTGAGGACAAATCACAACGGGAAAATATGCAAA
 CY021957 TAATCTTCTTGAAAGACAGCATAACGGGAAAATATGTAAA
 JX046926 TAACCTTCTAGAAGACAAGCATAACGGGAAAATATGCAAA
 CY049987 TAACCTTCTAGAAGACAAGCATAACGGGAAAATATGCAAA
 GQ132138.1| TAACCTTCTAGAAGACAAGCATAACGGGAAAATATGCAAA

241

CY080523 -CAA-----TCCTCATCGAATCCCTGATGGAAAT
 CY118914 -CAG-----TCCTCATCAGATCCCTGATGGAGA
 CY113365 -CAG-----TCCTCACCAGATCCCTGATGGAAA
 CY112837 -CAG-----TCCTCACCAGATCCCTGATGGAAA
 AJ404626 ACAAGCCTGGGACATCCCTCATT-----CT-----AGA
 CY087800 CTAA-----ACGGAATCCCTCCACTTGAACT-----AGG
 CY032261 CTAA-----ACGGAATCCCTCCACTTGAACT-----AGG
 AF116575 TTAA-----AAGGAATAGCCCCATTACAATT-----GGG
 CY006667 CTAA-----AAGGAATAGCCCCACTACAATT-----GGG
 CY009604 TTAA-----AAGGAATAGCCCCACTACAATT-----GGG
 CY020445 TTAA-----AAGGAATAGCCCCACTACAATT-----GGG
 CY045772 TTAA-----AAGGAATAGCCCCATTACAATT-----GGG
 CY009340 TTAA-----AAGGAATAGCCCCACTACAATT-----GGG
 CY013271 TTAA-----AAGGAATAGCCCCACTACAATT-----GGG
 CY010372 CTAA-----AAGGAATAGCCCCACTACAATT-----GGG
 CY021037 CTAA-----AAGGAATAGCGCCACTACAATT-----GGG
 CY021957 CTGG-----GGGGGATAGCCCCATTGCATT-----GGG
 JX046926 CTAA-----GAGGGGTAGCCCCATTGCATT-----GGG
 CY049987 CTAA-----GAGGGGTAGCCCCATTGCATT-----GGG
 GQ132138.1| CTAA-----GAGGGGTAGCCCCATTGCATT-----GGG

281

CY080523 AGACTGCA-CACTGATAGATGCTCTATTGGGGGACCCCTCA
 CY118914 AAAGTGA-CACTAATAGATGCTCTATTGGGAGACCCCTCA
 CY113365 AAAGTGA-CACTGATAGATGCTCTATTGGGAGACCCCTCA
 CY112837 AAAGTGA-CACTGATAGATGCTCTATTGGGAGACCCCTCA
 AJ404626 CACATGCACTATTGAAGGAAT-AGTCTATGGCAACCCCTTC
 CY087800 GGACTGTAGCATTGCCGGATG-GCTCCTTGGAAATCCAGA
 CY032261 GGACTGTAGCATTGCCGGATG-GCTCCTTGGAAATCCAGA
 AF116575 GAAATGTAATATCGCCGGATG-GCTCTTGGGAAACCCGGA
 CY006667 TAATTGCAGCGTTGCCGGATG-GATCTTAGGAAACCCAGA
 CY009604 GAAATGTAACATCGCCGGATG-GCTCTTGGGAAACCCAGA
 CY020445 GAAATGTAACATCGCCGGATG-GCTCTTGGGAAACCCAGA
 CY045772 GAAATGTAACATCGCCGGATG-GATCTTGGGAAACCCAGA
 CY009340 GAAATGTAACATTGCCGGATG-GATCTTGGGAAACCCAGA
 CY013271 GAAATGTAACATTGCCGGATG-GATCTTAGGAAACCCAGA
 CY010372 GAAATGCAACATTGCCGGATG-GATCTTAGGAAACCCAGA
 CY021037 GAAATGCAACATTGCCGGATG-GATCTTAGGAAACCCAGA
 CY021957 TAAATGTAACATTGCCGGATG-GCTTTTGGGAAACCCAGA
 JX046926 TAAATGTAACATTGCCGGCTG-GATCCTGGGAAATCCAGA
 CY049987 TAAATGTAACATTGCTGGCTG-GATCCTGGGAAATCCAGA
 GQ132138.1| TAAATGTAACATTGCTGGCTG-GATCCTGGGAAATCCAGA

321

CY080523 TTGTGA--TGTTTTCAAAATGAGACATGGGACCTTTTTCG
 CY118914 GTGTGA--TGGCTTCCAAAATAGAAAATGGGACCTTTTTTG
 CY113365 TTGTGA--TGGCTTCCAAAATGAGAAATGGGACCTTTTTTG
 CY112837 TTGTGA--TGGCTTCAAAAATAGGAATGGGACCTTTTTTG
 AJ404626 TTGTGACCTGCTGTTGGGAGGAAGAGAATGGTCCTACATC
 CY087800 ATGTGATAGGCTTCTAAGTGTGCCAGAAATGGTCCTATATA
 CY032261 ATGTGATAGGCTTCTAAGGGTGGCAGAAATGGTCCTATATA
 AF116575 ATGCGATTTACTGCTCACAGCGAGCTCATGGTCCTATATT
 CY006667 ATGCGAATTACTGATTTCCAAGGAATCATGGTCCTACATT
 CY009604 ATGCGACTCACTGCTTCCAGCGAGATCATGGTCCTACATT
 CY020445 ATGCGACCCACTGCTTCCAGCGAGATCATGGTCCTACATT
 CY045772 ATGCGACTCATGCTTCCAGCGAGTTTCATGGTCCTACATT
 CY009340 ATGCGAATCATTGCTCTCTAATAGATCATGGTCCTACATT
 CY013271 ATGCGAATCACTGCTTCTAAGAGATCATGGTCCTACATT
 CY010372 ATGCGAATCACTGTTTTCTAAGAAATCATGGTCCTACATT
 CY021037 ATGCGAATCACTGTTTTCTAAGAAATCATGGTCCTACATT
 CY021957 ATGTGAATTACTACTCACAGTAAGCTCATGGTCCTACATT
 JX046926 GTGTGAATCACTCTCCACAGCAAGCTCATGGTCCTACATT
 CY049987 GTGTGAATCACTCTCCACAGCAAGCTCATGGTCCTACATT
 GQ132138.1| GTGTGAATCACTCTCCACAGCAAGCTCATGGTCCTACATT

361

CY080523 TTGAACGCAGCAAAGCCTT-----TCAGCAACTGTTACCCCTT
 CY118914 TTGAACGCAGCAAAGCCTT-----ACAGCAACTGTTACCCCTT
 CY113365 TTGAACGCAGCAAAGCCTT-----ACAGCAACTGTTACCCCTT
 CY112837 TTGAACGCAGCAACAGCTT-----ACAGCAACTGTTACCCCTT
 AJ404626 TTCGAAAAGATCATCAGCTGTAAATGGAACTGTTACCCCTG
 CY087800 ATGGAGAAAAGAAAACCCGAGAGACGGTTTGTGTTATCCAG
 CY032261 ATGGAGAAAAGAAAACCCGAAAACAGTTTGTGTTACCCAG
 AF116575 GTAGAAAACATCGAACTCAGAGAAATGGAAATGTTACCCAG
 CY006667 GTAGAAAACACCAAATCCTGAGAAATGGAAATGTTACCCAG
 CY009604 GTAGAAAACACCAAATCCTGAGAAATGGAGCATGTTATCCAG
 CY020445 GTAGAAAACACCAAATCCTGAGAAATGGAAATATGTTATCCAG
 CY045772 GTAGAAAACACCAAATCCTAAGAATGGAAATATGTTATCCAG
 CY009340 GCAGAAAACACCAAATCCTGAGAAATGGAAATATGTTACCCAG
 CY013271 GCAGAAAACACCAAATCCTGAGAAATGGAAATGTTACCCAG
 CY010372 GCAGAAAACACCAAATCCTGAGAAATGGAAATGTTACCCAG
 CY021037 GCAGAAAACACCAAATCCTGAGAAATGGAAATGTTACCCAG
 CY021957 GTGGAAAACATCGAACTCAGACAATGGGACATGTTACCCAG
 JX046926 GTGGAAAACATCTAGTTTCAGACAATGGAACTGTTACCCAG
 CY049987 GTGGAAAACATCTAGTTTCAGACAATGGAACTGTTACCCAG
 GQ132138.1| GTGGAAAACATCTAGTTTCAGACAATGGAACTGTTACCCAG

401

CY080523 ATGATGTGGCCAGATTATGCCTCCCTTAGGTCACT-----
 CY118914 ATGATGTGGCCGATTATGCCTCCCTTAGGTCACT-----
 CY113365 ATGATGTGGCCGATTATGCCTCCCTTAGGTCACT-----
 CY112837 ATGATGTGGCCGATTATGCCTCCCTTAGGTCACT-----
 AJ404626 GGAATGTAGAAAACCTAGAGGAACTCAGGACACTTTTITAG
 CY087800 GCAGCTTCAATGATTATGAAGAATTGAAACATCTCCTCAG
 CY032261 GCAGCTTCAATGACTATGAAGAATTGAAACATCTCCTCAG
 AF116575 GAGATTTTCATCGACTATGAAGAATGAGGGAGCAATTGAG
 CY006667 GGTATTTTCGCCGACTATGAGGAACTGAGGGAGCAATTGAG
 CY009604 GAGATTTTCATCGACTATGAGGAACTGAGGGAGCAATTGAG
 CY020445 GAGCTTTTCATCGACTATGAGGAACTGAGGGAGCAATTGAG
 CY045772 GAGATTTTCATCGACTATGAGGAACTGAGGGAGCAATTGAG
 CY009340 GAGATTTTCGCCGACTATGAGGAACTGAGGGAGCAATTGAG
 CY013271 GAGATTTTCGCCGACTATGAGGAACTGAGGGAGCAATTGAG
 CY010372 GATATTTTCGCCGACTATGAGGAACTGAGGGAGCAATTGAG
 CY021037 GGTATTTTCGCCGACTATGAAGAATGAGGGAACTAATTGAG
 CY021957 GAGATTTTCATCAATTATGAAGAGCTGAGAGAGCAGTTGAG
 JX046926 GAGATTTTCATCAATTATGAGGAGCTAAGAGAGCAATTGAG
 CY049987 GAGATTTTCATCGATTATGAGGAGCTAAGAGAGCAATTGAG
 GQ132138.1| GAGATTTTCATCGATTATGAGGAGCTAAGAGAGCAATTGAG

441

CY080523 ---AGTTGCCTCGTCAGGCACCTGAGATTATCACTGAG
 CY118914 ---AGTTGCCTCATCCGGCACACTGGAGTTTAACAATGAA
 CY113365 ---AGTTGCCTCATCAGGCACCTGGAGTTTATCAATGAA
 CY112837 ---AGTTGCCTCATCCGGCACCTGGAGTTTACCAATGAA
 AJ404626 TTCCCGCTAGTTCTACCAAAGAAATCCAAATCTTCCCAGA-
 CY087800 CAGCGTGAAACATTTGAGAAAAGTAAAGATTCTGCCCAAA
 CY032261 CAGCGTAAAAACATTTGAGAAAAGTAAAGATTCTGCCCAAA
 AF116575 CTCAGTGTTCATCGTTGAAAAAATCGAAAATATTCCCAG
 CY006667 TTCAGTATCTTCATTTGAGAGGTTGAAAATATTCCCAG
 CY009604 CTCAGTATCATCATTAGAAAGATTGAAAATATTCCCAG
 CY020445 CTCAGTGTTCATCATTGAAAAGATTGAAAATATTCCCAG
 CY045772 CTCAGTATCATCATTGAAAAGATTGAAAATATTCCCAG
 CY009340 CTCAGTATCATCATTGAGAGATTGAAAATATTCCCAG
 CY013271 CTCAGTATCATCATTGAGAGATTGAAAATATTCCCAG
 CY010372 CTCAGTATCATCATTGAGAGATTGAAAATATTCCCAG
 CY021037 TTCAGTATCATCATTGAGAGATTGAAAATATTCCCAG
 CY021957 CTCAGTGTTCATCATTGAAAAGATTGAGATATTCCCAG
 JX046926 CTCAGTGTTCATCATTGAAAAGTTTGAATAATTCCCAG
 CY049987 CTCAGTGTTCATCATTGAAAAGTTTGAATAATTCCCAG
 GQ132138.1| CTCAGTGTTCATCATTGAAAAGTTTGAATAATTCCCAG

481

CY080523 GGTTCACCTTGGAC-----TGGGTCACCTCAGAAATGGGG
 CY118914 AGCTTCAATTGGAC-----TGGAGTCACTCAAAACGGAA
 CY113365 GACTTCAATTGGAC-----TGGAGTCACTCAGAGTGGGG
 CY112837 GGCTTCAATTGGAC-----TGGAGTCGCTCAGGATGGAA
 AJ404626 -----CACAACTGGAAATGTGA
 CY087800 GATAG---ATGGACACAGCATAACAACAACTGGAGGTTTCA
 CY032261 GATAG---ATGGACACAGCATAACAACAACTGGAGGTTTCAA
 AF116575 ACAAGCTCGTGGCCCAATCATGAAACAAACAAAGGTGTAA
 CY006667 GAGAGCTCATGGCCCAACACACCGTAACCGGA---GTAT
 CY009604 GAAAGTTTCATGGCCCAACACAAACACTCAAAGGAGTAA
 CY020445 GAAAGCTCATGGCCCAACACAAACACAAACATAGGAGTAA
 CY045772 GAAAGCTCATGGCCCAACACAGCACAAACAAAGGAGTAA
 CY009340 GAAAGCTCATGGCCCAACACAAACATAACAGAGGAGTAA
 CY013271 GAAAGATCATGGCCCAACACAAACATAAACATAGGAGTAA
 CY010372 GAAAGATCATGGCCCAACACAAACGTAAACAGAGGCGTAA
 CY021037 GAAAGTTTCATGGCCCAACACAAACGTAAACAAAGGAGTAA
 CY021957 ACAAGTTCTGTGGCCCAATCATGAAACAAACAGAGGTGTGA
 JX046926 ACAAGTTTCATGGCCCAATCATGACTCGAACAAAGGTGTAA
 CY049987 ACAAGCTCATGGCCCAATCATGACTCGAACAAAGGTGTAA
 GQ132138.1| ACAAGTTTCATGGCCCAATCATGACTCGAACAAAGGTGTAA

521

CY080523 GAA-----GCAATGCTTGCAAAAAGGGACCTGGTAG
 CY118914 CAA-----GCTCTGCTTGCAAAAAGGAGATCTAATTA
 CY113365 GAA-----GCCATGCTTGCAAAAAGGGATCTGTAA
 CY112837 CAA-----GCTATGCCCTTGCAAAAAGGGATCTGTAA
 AJ404626 -----CTTACACTGGAAACAGCAGAGCATGTTTC
 CY087800 GGG-----CCTGGCGGCTGTCTGGTAATCCA
 CY032261 AGG-----CCTGGCGAGTGTCTAGGTGAACCA
 AF116575 CGGCAGCATGCTCCCATGCGGGAGCAAGCAGT-----
 CY006667 CAGCATCATGCTCCCATTAACGGGAAAAAGCAGT-----
 CY009604 CAGCATCATGCTCCCATGGGGGAAAAAGCAGT-----
 CY020445 CGGCAGCATGCTCCCATGCGGGGAAAAAGCAGT-----
 CY045772 CGGCAGCATGCTCCCATGCAAGGAAAGAGCAGT-----
 CY009340 CGGTAGCATGCTCCCAACGCGAAGAAAAAGCAGT-----
 CY013271 CGGCAGCATGCTCCCATGCGGGGAAAAAGCAGT-----
 CY010372 CGGCATCATGCTCCCATTAAGGGGAAAAAGCAGT-----
 CY021037 CGGCATCATGCTCCCATTAAGGGGAAAAAGCAGT-----
 CY021957 CGGCAGCATGCCCTTATGCTGGAGCAAAACAGC-----
 JX046926 CGGCAGCATGTCTCTGTGCTGGAGCAAAAAGC-----
 CY049987 CGGCAGCATGTCTCTATGCTGGAGCAAAAAGC-----
 GQ132138.1| CGGCAGCATGTCTCTATGCTGGAGCAAAAAGC-----

561

CY080523 CGGT---TTTTTCAGTAGACTGAACTGGTTGACCAAAATCA
 CY118914 CAGT---TTCTTTAGTAGATTGAATTGGTTGACCCACTTA
 CY113365 CAGT---TTCTTCAGTAGATTGAATTGGTTGCACGAATCA
 CY112837 AAGT---TTCTTTAGTAGATTGAATTGGTTGCACAAATTA
 AJ404626 AGGTTTCAATCTACAGGAGTATGAGATGGCTGACTCAAAAG
 CY087800 ----TCATTCTTCAGGAACATGGTCTGGCTGACAGAGAAA
 CY032261 ----TCATTCTTCAGGAACATGGTCTGGCTGACAAAGAAA
 AF116575 ----TTTTACAGAAATTTGCTGTGGCTGACAAAGAAG
 CY006667 ----TTTTACAAAAATTTGCTATGGCTGACGGGGAAG
 CY009604 ----TTTTACAGAAATTTGCTATGGCTGACGAAAGMG
 CY020445 ----TTTTACAGAAATTTGCTATGGCTGACGAAGAAG
 CY045772 ----TTTTACAGAAATTTGCTATGGCTGACGAAGAAG
 CY009340 ----TTTTACAAAAATTTGCTCTGGCTAACGGAGGCA
 CY013271 ----TTTTACAAAAATTTGCTCTGGCTGACGGAGAAA
 CY010372 ----TTTTACAGAAATTTGCTATGGCTGACGGAGAAA
 CY021037 ----TTTTACAGAAATTTGCTATGGCTGACGGAGAAA
 CY021957 ----TTCTACAGAAATTTAATATGGCTGGTTAAAAAAA
 JX046926 ----TTCTACAAAAATTTAATATGGCTAGTTAAAAAAA
 CY049987 ----TTCTACAAAAATTTAATATGGCTAGTTAAAAAAA
 GQ132138.1| ----TTCTACAAAAATTTAATATGGCTAGTTAAAAAAA

601

CY080523 GGAAGCACATATCCAGTGTGAACTGACTATGCCAAACA
 CY118914 AAATTCAAATACCCAGCATTTGAACGTGACTATGCCAAACA
 CY113365 GAATACAAATATCCAGCGGTGAACGTGACTATGCCAAACA
 CY112837 GAATACAAATATCCAGCACTGAACGTGACTATGCCAAACA
 AJ404626 AGCGGTTTTTTTACCCTGTTCAAGACGCCCAATACACAAATA
 CY087800 GGATCAAAATTATCCGGTTGCCAAAGGATCGTACAAACAATA
 CY032261 GGACCAAAATTATCCGGTTGCCAAAGGATCGTACAAACAATA
 AF116575 GGAAGGTCATACCCAAAGCTTAGCAAGTCCTATGTGAACA
 CY006667 AATGGTTTGTACCCAAACCTGAGCAAGTCCTATGTGAACA
 CY009604 GGGGATTCATACCCAAAGCTGAACAAATTCCTATGTGAACA
 CY020445 GGGGGCTCATACCCAAAGCTGAAAAATTCCTATGTGAACA
 CY045772 GAGGACTCATACCCAAAGCTGAGCAATTCCTATGTGAACA
 CY009340 AATGGCTTATACCCAAAGCTGAGCAAGTCCTATGTGAACG
 CY013271 GATGGCTCATACCCAAATCTGAACAAAGTCCTATGTGAACA
 CY010372 AATGGCTCGTACCCAAATCTGAGCAAGTCCTATGTGAACA
 CY021037 AATGGCTCGTACCCAAAGCTGAGCAAGTCCTATGTGAACA
 CY021957 GAAAAATTCATACCCAAAGCTCAGCAAAATCCTATGTTAACA
 JX046926 GGAAATTCATACCCAAAGCTCAGCAAAATCCTACATTAAATG
 CY049987 GGAAATTCATACCCAAAGCTCAGCAAAATCCTACATTAAATG
 GQ132138.1| GGAAATTCATACCCAAAGCTCAGCAAAATCCTACATTAAATG

641

CY080523 ATGACAATTTTIGACAAACTATACATTTGGGGGGTTCACCA
 CY118914 ATGAAAAATTTIGACAAATTTGTACATTTGGGGGGTTCACCA
 CY113365 ATGGCAAAATTTIGACAAATTTGTACATTTGGGGGGTTCACCA
 CY112837 ATGACAAATTTIGACAAATTTGTACATTTGGGGGGTTCACCA
 AJ404626 ACAGGGGGAAGAGCATTTCTTTTCGTGGGGCATACATCA
 CY087800 CAAGCGGAGAACAAATGCTAATAATTTGGGGGGTGCACCA
 CY032261 CGAGCGGAGAGCAAAATGCTAATAATTTGGGGAGTGCACCA
 AF116575 ATAAAGGGGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY006667 GCAAGAGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY009604 ATAAAGGGGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY020445 AAAAAAGGGGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY045772 AGAAAGGGGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY009340 ACAGAGAGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY013271 AGAAAGAGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY010372 ACAAAGAGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY021037 ACAAGAGAGAAAGAAATTCCTTGTACTATGGGGGTTCATCA
 CY021957 ATAAAGGGGAAAGAAATTCCTTGTACTATGGGGCATTCATCA
 JX046926 ATAAAGGGGAAAGAAATTCCTCGTGTGGGGCATTCACCA
 CY049987 ATAAAGGGGAAAGAAATTCCTCGTGTGGGGCATTCACCA
 GQ132138.1| ATAAAGGGGAAAGAAATTCCTCGTGTGGGGCATTCACCA

681

CY080523 CCCGAGCACGAACCAAGAACAAACCCAGCCTGTAT-----
 CY118914 CCCGGGTACAGACAAATGACCAAAATCTTCCTGTAT-----
 CY113365 CCCGATCACGGACAGAGAACAAACCAACCTATAT-----
 CY112837 CCCGAGTACGGACAGTGAACCAAAACCCAGCCTATAT-----
 AJ404626 CCCACCCACCTATACCGAGCAAAACAAATTTGTACATAAGA
 CY087800 TCCCAATGATGAGACAGAACAAAGAACATTTGTACCAGAAAT
 CY032261 TCCTAAGGATGAGGCAGAACAAAGAGCATTGTACCAGAAAT
 AF116575 TCCGCCTACCGGTACTGATCAACAGAGTCTCTATCAGAAT
 CY006667 CCCGCCTAACATAGGGGACCAAAAGGGCCCTCTATCATACA
 CY009604 CCCGTCTAGCAGTAATGAGCAACAGAGTCTCTATCATAAAT
 CY020445 CCCGTCTAACAGTAAGGATCAACAGACTCTCTATCAGAAT
 CY045772 CCCGTCTAGCAGTAAAGAGCAACAGACTCTCTATCAGAAT
 CY009340 CCCGTCTAACATAGAGGATCAAAAGGACCCCTCTATCGGAAA
 CY013271 CCCGTCTAACATAGAGAAATCAAAAGACCCCTCTATCGGAAA
 CY010372 CCCGTCTAACATAGAGGACCAAAAGACCATCTATCGGAAA
 CY021037 CCCGTCTAACATAAAGGACCAAAAGACCATCTATCGTAAA
 CY021957 TCCACCTACCAGTACTGATCAACAAAGTCTCTACCAAAAT
 JX046926 TCCATCTACTACTGCTGACCAACAAAGTCTCTATCAGAAT
 CY049987 TCCATCTACTAGTGTGACCAACAAAGTCTCTATCAGAAT
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721

CY080523 -----GTTCAAGCATCAGGGAGAGTCACAGTCTCTACCA
 CY118914 -----GOTCAAGCATCAGGAAGAAATCACAGTCTCTACCA
 CY113365 -----GTTGAGCATCAGGGAGAGTCACAGTCTCTACCA
 CY112837 -----GTTCAAGCATCAGGGAGAGTCACAGTCTCTACCA
 AJ404626 AACGCACAAACAACAAGCGTGACAACAGAAAGATTGAAATA
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 CY032261 GTGGGAACCTATGTTTCCGCAAGCACATCAACATTGAACA
 AF116575 GCAGATGCTTATGTCTCTGTAGGGTCATCAAAATATAACA
 CY006667 GAAAAATGCTTATGTCTCTGTAGTGTCTTCACATTATAGCA
 CY009604 GTAAATGCTTATGTCTCTGTAGTGTCTTCAAATTATAACA
 CY020445 GAAAAATGCTTATGTCTCTGTAGTGTCTTCAAATTATAACA
 CY045772 GAAAAATGCTTATGTCTCTGTAGTGTCTTCAAATTATAACA
 CY009340 GAAAAATGCTTATGTCTCTGTGGTGTCTTCAAATTATAACA
 CY013271 GAAAAATGCTTATGTCTCTGTAGTGTCTTCAAATTATAACA
 CY010372 GAAAAATGCTTATGTCTCTGTAGTGTCTTCAAATTATAACA
 CY021037 GAAAAATGCTTATGTCTCTGTAGTGTCTTCACATTATAACA
 CY021957 GCAGATGCTTATGTTTTTGTAGGGTCATCAAAATATAACA
 JX046926 GCAGATGCATATGTTTTTGTGGGGACATCAAGATACAGCA
 CY049987 GCAGATGCATATGTTTTTGTAGGGTCATCAAGATACAGCA
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761

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 CY113365 AGAGAAGCCAGCAAACTGAATCCCGAATATCGGGTTTAG
 CY112837 AAAGAAGCCAAACAAACTGAATCCCGAATATCGGGTCTAG
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 CY087800 AAAGG-----TCAACCCCAAGAAATAGCAACAAG
 CY032261 AAAGG-----TCAACCCCTGAAATAGCAGCAAG
 AF116575 GGAGA-----TTCAACCCCGGAAATAGCAGCGAG
 CY006667 GAAGA-----TTCAACCCCAAGAAATAGCCAAAAG
 CY009604 GGAGA-----TTCAACCCCGGAAATAGCTGCAAG
 CY020445 GGAGA-----TTCAACCCCGGAAATAGCAGAAAAG
 CY045772 GGAGA-----TTCAATCCCGGAAATAGCAGAAAAG
 CY009340 GGAGA-----TTCAACCCCGGAAATAGCAGAAAAG
 CY013271 GGAGA-----TTCAACCCCGGAAATAGCAGAAAAG
 CY010372 GGAGA-----TTCAACCCCAAGAAATAGCAGAAAAG
 CY021037 GGAGA-----TTCAACCCCAAGAAATAGCAAAAAG
 CY021957 GAAAG-----TTCAAGCCAGAAATAGCAGCAAG
 JX046926 AGAAG-----TTCAAGCCCGGAAATAGCAATAAG
 CY049987 AGAAG-----TTCAAGCCCGGAAATAGCAATAAG
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801

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 CY113365 ACCCTGGGTAAAGGGGTCTGTCCAGTAGAATAAGCATCTAT
 CY112837 ACCCTGGGTAAAGGGGTGTCTCCAGCAGAATAAGCATCTAT
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 CY087800 GCCTTAAAGTGAATGGACAGGAGGTAGAATGGAAATCTCT
 CY032261 GCCTGAAGTGAATGGACTAGGAAGTAGAATGGAAATCTCT
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 CY006667 ACCCAAAGGTAGAGATCAGGAAGGAAGAAACAACACTAC
 CY009604 ACCCAAAGTAAGAGATCAACCTGGGAGGATGAACATTAC
 CY020445 ACCCGAAGTAAGAGATCAAGCTGGGAGGATGAACATTAC
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 CY013271 ACCCAAAGTAAGAGGTCAAGCAGGGAGAAATGAACATTAC
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 CY021037 ACCCAAAGTAAGAGATCAAGAAGGGAGAAATTAACACTAC
 CY021957 ACCCAAAGGTAGAGGTCAAGCAGGGAGGATGAACATTAC
 JX046926 ACCCAAAGTGAAGGATCAAGAAGGGAGAAATGAACATTAC
 CY049987 ACCCAAAGTGAAGGATCAAGAAGGGAGAAATGAACATTAC
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841

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 CY112837 TGGACAATAGTAAAACCGGGAGACATACTTTTGATTAAACA
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 CY020445 TGGACCTTGCTAGAACCCTGGAGACACAATAATGTTTGAGG
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 CY013271 TGGACTTTGCTAGAACCCTGGAGACACAATAATATTTTGAGG
 CY010372 TGGACTCTGCTGGAACCCGGGGACACAATAATATTTTGAGG
 CY021037 TGGACTCTGCTGGAACCCGGGGACACAATAATATTTTGAGG
 CY021957 TGGACACTAATAGAACCCTGGAGACACAATAACATTTGAAG
 JX046926 TGGACACTAGTAGAGCCGGGAGACAAAATAACATTCGAAG
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 GQ132138.1 TGGACACTAGTAGAGCCGGGAGACAAAATAACATTCGAAG

881

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 CY112837 GCACAGGGGAATCTAATTGCTCCTCGGGGTTACTTCAAAAT
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 CY009604 CAACTGGTAATCTAATAGCACCATGGTATGCTTTTCGCACT
 CY020445 CAAATGGAAATCTGGTAGCACCATGGTATGCTTTTCGCACT
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 CY013271 CAAATGGAAATCTAATAGCGCCATGGTATGCTTTTCGCACT
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 JX046926 CAACTGGAAATCTATTTGGTACCGAGATATGCATTTCGCAAT
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921

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 CY112837 ---ACGAAGTGGGAAAAAGCTCA---ATAATGAGGTCAGAT
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 CY087800 ATCGAAAAAGAGG---TAGTTCAAGGGATCATGAAAACAGAA
 CY032261 ATCGAAAAAGAGG---TAGTTCAAGGGATCATGAAGACAGAA
 AF116575 ---GAATAGAGGTTCTGGATCCGGTATCATCACTTCAGAC
 CY006667 ---GAGTAGAGGCTTTGGATCAGGAATCATCACCTCAAAC
 CY009604 ---GAGTAGAGGATTTGGGTCCGGCATCATCACCTCAAAC
 CY020445 ---GAGTAGAGGCTTTGGGTCCGGCATCATCACCTCAAAC
 CY045772 ---GAGTAGAGGCTTTGGGTCCGGCATCATCACCTCAAAC
 CY009340 ---GAGTAGAGGCCCTGGATCAGGAATCATCACCTCCAAAC
 CY013271 ---AAGTAGAGGCCTTGGATCAGGAATCATCACCTCAAAC
 CY010372 ---GAATAGAGGCTTTGGGTCAAGGAATCATCACCTCAAAC
 CY021037 ---GAGTAGAGGCTTTGGGTCAAGGAATCATCACCTCAAAC
 CY021957 ---GAATAGAGGTTCTGGATCTGGTATTATAAATTCGGAT
 JX046926 ---GGAAAGAAATGCTGGATCTGGTATTATCATTTTCAGAT
 CY049987 ---GGAAAGAAATGCTGGATCTGGTATTATCATTTTCAGAT
 GQ132138.1 ---GGAAAGAAATGCTGGATCTGGTATTATCATTTTCAGAT

961

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 CY112837 GCACCCATTGACAACTGCAATTCTGAATGCATCACTCCAA
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 CY032261 GGAACACTTGGGAACTGTGAGACCAAAATGCCAAACTCCTT
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 CY009604 GCGTCAATGCATGAGTGTAAACACGAAGTGTCAAACACCCC
 CY020445 GCATCAATGCATGAGTGTAAACACGAAGTGTCAAACACCCC
 CY045772 GCATCAATGCATGAGTGTAAACACGAAGTGTCAAACACCCC
 CY009340 GCATCAATGGATGAATGTGACACGAAGTGTCAAACACCCC
 CY013271 GCATCAATGGATGAATGTGACACGAAGTGTCAAACACCCC
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 CY021037 GCATCGATGGATGAATGTGACGCGAAGTGTCAAACACCCC
 CY021957 GCACCAGTTTCATGATTGTAAACACGAAGTGTCAAACACCCA
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 GQ132138.1| ACACCAGTCCACGATTGCAATACAACTTGTGAGACACCCA

1001

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 CY032261 TGGGAGCAATAAAATACAACACTACCTTTTTCACAATGTCCA
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 CY009604 AGGGAGCTATAAAACAGCAGTCTCCCTTTTCCAGAATATACA
 CY020445 AGGGAGCTATAAAACAGCAGTCTCCCTTTTCCAGAATATACA
 CY045772 AGGGAGCTATAAAACAGCAGTCTCCCTTTTCCAGAATATACA
 CY009340 AGGGAGCCATAAAACAGTAGCCTCCCTTTTTCAGAACATACA
 CY013271 AGGGAGCTATAAAACAGTAGTCTCCCTTTTCCAGAATATACA
 CY010372 AGGGAGCTATAAAACAGTAGTCTTCCCTTTTCCAGAATATACA
 CY021037 AGGGAGCTATAAAACAGTAGTCTTCCCTTTTTCAGAAATGTACA
 CY021957 AGGGTGCCATAAAACACCAGCCTCCCATTTTCAGAATATACA
 JX046926 AGGGTGCTATAAAACACCAGCCTCCCATTTTCAGAATATACA
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1041

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 CY010372 CCCAGTCACAATAGGGGAGTGTCCCAAAATACGTCAAGGAGT
 CY021037 CCCAGTCACAATAGGAGAGTGTCCCAAAATACGTCAAGGAGT
 CY021957 TCCAGTCACAATTTGGAGAAATGTCCCAAAATATGTCAAAAGC
 JX046926 TCCGATCACAAATGGAAAAATGTCCCAAAATATGTAAAAAGC
 CY049987 TCCGATCACAAATTTGGAAAAATGTCCCAAAATATGTAAAAAGC
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1081

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CY118914 AACACTCTGAAATTTGGCAACAGGGGATGCGAAATGTACCAG
CY113365 AACACTCTGAAATTTGGCAACAGGGGATGCGGAATGTACCAG
CY112837 AACACTCTAAAAATTTGGCAACAGGGGATGCGGAATGTACCAG
AJ404626 AATAGTCTCAAACTGGCAGTCGGTCTGAGGAACGTGCCGTG
CY087800 GAGAAAGTTGGTCTTAGCAACAGGACTAAGGAATGTTCCCC
CY032261 GAGAAATTTGCTCTTAGCAACAGGACTAAGGAATGTTCCCC
AF116575 ACCAAATTTGAGGATGGCTACAGGACTAAGAAACATTCCCAT
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CY009604 ACCAAATTTGAGGATGGTTACAGGACTAAGAAACATCCCAT
CY020445 GCCAAATTTGAGGATGGTTACAGGACTAAGGAACATCCCGT
CY045772 GCCAAATTTGAGGATGGTTACAGGACTAAGGAACATCCCAT
CY009340 ACCAAATTTGAGGATGGTTACAGGACTAAGGAACATCCCAT
CY013271 ACCAAATTTGAGGATGGTTACAGGACTAAGGAACATCCCAT
CY010372 ACAAAAATTTGAGGATGGTTACAGGACTAAGGAACATCCCAT
CY021037 ACAAAAATTTAAGGATGGTTACAGGACTAAGGAACATCCCAT
CY021957 ACAAAAATTTGAGAATGGCTACAGGACTAAGGAATATCCCGT
JX046926 ACAAAAATTTGAGACTGGCCACAGGATTGAGGAATGTCCCGT
CY049987 ACAAAAATTTGAGACTGGCCACAGGATTGAGGAATGTCCCGT
GQ132138.1| ACAAAAATTTGAGACTGGCCACAGGATTGAGGAATGTCCCGT

1121

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CY112837 AGAAACAAAAGTAGAGGCATATTTCGGCGCAATCGCAGGTTT
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CY087800 AGATTGAATCAAGAGGATTGTTTGGGGCAATAGCTGGTTT
CY032261 AGATTGAATCAAGAGGATTGTTTGGGGCAATAGCTGGCTT
AF116575 CTATTCAATCCAGGGGTCTATTTCGGAGCCATTGCCGGTTT
CY006667 CCATTCAATCCAGAGGTTTCTATTTCGGAGCCATTGCCGGTTT
CY009604 CCATTCAATCCAGAGGTTCTATTTCGGAGCCATTGCTGGTTT
CY020445 CCATTCAATCCAGAGGTTCTATTTCGGAGCCATTGCCGGTTT
CY045772 CCATTCAATCCAGGGGTCTATTTCGGAGCCATTGCCGGTTT
CY009340 CCATTCAATCCAGAGGTTCTGTTTCGGAGCCATTGCCGGTTT
CY013271 CCATTCAATCCAGAGGTTCTGTTTCGGAGCCATTGCCGGTTT
CY010372 CCATTCAATCCAGAGGTTCTGTTTCGGAGCCATTGCCGGTTT
CY021037 CCATTCAATCCAGAGGTTTCTGTTTCGGAGCCATTGCCGGTTT
CY021957 CTATTCAATCTAGAGGTTCTGTTTCGGAGCCATTGCTGGTTT
JX046926 CTATTCAATCTAGAGGCCTATTTCGGAGCCATTGCCGGCTT
CY049987 CTATTCAATCTAGAGGCCTATTTCGGGGCCATTGCCGGTTT
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1161

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CY112837 CATAGAAAAATGGTTGGGAGGGAATGGTAGACGGTTGGTAC
AJ404626 CATAGAAGGAGGTTGGCCAGGACTAGTCGCTGGCTGGTAT
CY087800 TATAGAAGGAGGATGGCAAGGAATGGTTGATGGTTGGTAT
CY032261 TATAGAAGGAGGATGGCAAGGAATGGTTGATGGTTGGTAT
AF116575 TATTGAGGGGGGATGGACTGGAATGATAGATGGATGGTAT
CY006667 CATTGAAGGGGGGTGGACTGGAATGGTAGATGGTTGGTAT
CY009604 TATTGAGGGGGGATGGACTGGAATGATAGATGGATGGTAT
CY020445 TATTGAAGGGGGATGGACTGGAATGATAGATGGATGGTAT
CY045772 TATTGAAGGGAGGATGGACTGGAATGATAGATGGATGGTAT
CY009340 CATTGAAGGGGGGATGGACTGGAATGGTGGATGGATGGTAT
CY013271 CATTGAAGGGGGGATGGGCTGGAATGATAGATGGATGGTAT
CY010372 CATTGAAGGGGGGATGGACTGGAATGATAGATGGATGGTAT
CY021037 CATTGAAGGGGGGATGGACTGGAATGATTGATGGATGGTAT
CY021957 TATTGAGGGGGGATGGACAGGAATGATAGATGGATGGTAT
JX046926 CATTGAAGGGGGGTGGACAGGGATGGTAGATGGATGGTAC
CY049987 CATTGAAGGGGGGTGGACAGGGATGGTAGATGGATGGTAC
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1201

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 CY113365 GGTTCAGGCATCAAAATTCCTGAGGGCACAGGACAAGCAG
 CY112837 GGTTCAGGCATCAAAATTCCTGAGGGCACAGGACAAGCAG
 AJ404626 GGTTCAGCATTCAAATGATCAAGGGGTTGGTATGGCTG
 CY087800 GGATACCATCACAGCAATGACCAGGGATCAGGGTATGCAG
 CY032261 GGATACCATCACAGCAATGACCAGGGATCAGGGTATGCAG
 AF116575 GGTTCATCATCATCAGAATGAACAGGGATCAGGCTATGCAG
 CY006667 GGTTCATCATCATCAGAATGAGCAAGGATCTGGGTATGCTG
 CY009604 GGTTCATCATCATCAGAATGAACAGGGATCAGGCTATGCAG
 CY020445 GGTTCATCATCATCAGAATGAACAGGGATCAGGCTATGCAG
 CY045772 GGTTCATCATCATCAGAATGAACAGGGATCAGGCTATGCAG
 CY009340 GGTTCACCATCATCAGAATGAGCAGGGATCTGGCTATGCTG
 CY013271 GGTTCACCATCATCAGAATGAACAGGGATCTGGCTATGCTG
 CY010372 GGTTCATCATCATCAGAATGAACAGGGATCTGGCTATGCTG
 CY021037 GGTTCATCATCATCAGAATGAACAGGGATCTGGCTATGCTG
 CY021957 GGTTCATCACCATCAGAATGAACAGGGATCAGGATATGCAG
 JX046926 GGTTCATCACCATCAAAATGAGCAGGGGTCAGGATATGCAG
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1241

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 CY032261 CAGACAAAAGAAATCCACTCAAAAGGCATTTGATGGAATCAC
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 CY021957 CGGACCAAAAGGAGCACACAAAATGCCATTGACGGGATCAC
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1281

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 CY112837 CGGGAAACTGAATAGGTTAATCGAGAAAAACGAACGAGAAA
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 CY009340 AAATAAGGTGAACCTCTGTTATCGAGAAAAATGAACACTCAA
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1321

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 CY112837 TTCCATCAAATCGAAAAAGAAATTCTCAGAAGTAGAAGGGA
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 CY032261 TTTGAAGCTGTTGGGAAAAGAAATCAATAAATTTAGAGAAAA
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 CY013271 TTCACAGCTGTGGGTAAAGAAATTCACCAAAATTTAGAAAAAA
 CY010372 TTCACAGCTGTGGGTAAAGAAATTCACCAAAATTTAGAAAAAA
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1361

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 CY112837 GAATTCAGGACCTCGAGAAATATGTTGAAGACACTAAAAAT
 AJ404626 GACTCAATATGATCAATAATAAGATTGATGACCAAAATACA
 CY087800 GACTGGAGAACTTGAAACAAAAAGGTGGAAGACGGGTTTCT
 CY032261 GACTGGAGAACTTGAAACAAAAAGATGGAAGACGGGTTTCT
 AF116575 -----
 CY006667 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGGTTTCT
 CY009604 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGATTTTCT
 CY020445 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGATTTTCT
 CY045772 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGATTTTCT
 CY009340 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGATTTTCT
 CY013271 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGATTTTCT
 CY010372 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGATTTTCT
 CY021037 GGATGGAAAACTTAAATAAAAAAGTTGATGATGGATTTTCT
 CY021957 GAATAGAGAATTTAAACAAAAAGGTGATGATGGTTTCT
 JX046926 GAATAGAGAATTTAAATAAAAAAGTTGATGATGGTTTCT
 CY049987 GAATAGAGAATTTAAATAAAAAAGTTGATGATGGTTTCT
 GQ132138.1| GAATAGAGAATTTAAATAAAAAAGTTGATGATGGTTTCT

1401

CY080523 AGATCTCTGGTCTTACAATGCGGAGCTTCTTGTCGCTCTG
 CY118914 AGATCTCTGGTCTTACAACGCGGAGCTTCTTGTCGCTCTG
 CY113365 AGATCTCTGGTCTTACAACGCGGAGCTTCTTGTCGCTCTG
 CY112837 AGATCTCTGGTCTTACAACGCGGAGCTTCTTGTCGCTCTG
 AJ404626 AGACGTATGGGCATATAATGCAGAAATGCTAGTACTACTT
 CY087800 AGATGTGTGGACATACAATGCTGAGCTTCTAGTTCTGATG
 CY032261 AGATGTGTGGACATACAATGCTGAGCTTCTAGTTCTGATG
 AF116575 -----
 CY006667 AGACATTTGGACATATAATGCAGAAATGTTGGTTCTACTG
 CY009604 GGACATTTGGACATATAATGCAGAAATGTTAGTTCTACTG
 CY020445 GGACATTTGGACATATAATGCAGAAATGTTAGTTCTACTG
 CY045772 GGACATTTGGACATATAATGCAGAAATGTTAGTTCTACTG
 CY009340 GGACATTTGGACATATAATGCAGAAATGTTGGTTCTACTG
 CY013271 GGACATTTGGACATATAATGCAGAAATGTTGGTTCTACTG
 CY010372 GGACATTTGGACATATAATGCAGAAATGTTGGTTCTACTG
 CY021037 GGACATTTGGACATATAATGCAGAAATGTTGGTTCTACTG
 CY021957 GGATATTTGGACATACAATGCAGAACTGTTGGTTCTATTG
 JX046926 GGACATTTGGACTTACAATGCCGAACGTGTTGGTTCTATTG
 CY049987 GGACATTTGGACTTACAATGCCGAACGTGTTGGTTCTATTG
 GQ132138.1| GGACATTTGGACTTACAATGCCGAACGTGTTGGTTCTATTG

1441

CY080523 GAGAATCAACATACAAATTGACCTGACTGACTCGGAAATGA
 CY118914 GAGAACCAACATACAAATTGATTTAACTGACTCAGAAATGA
 CY113365 GAGAACCAACATACAAATTGATCTGACTGACTCAGAAATGA
 CY112837 GAGAACCAACATACAAATTGATCTAACTGACTCAGAAATGA
 AJ404626 GAAAAATCAAAAAACACTCGATGAGCATGATGCGAACGTGA
 CY087800 GAAAAATGAGAGGACACTTGACTTTTCATGATTCCTAAATGTCA
 CY032261 GAAAAATGAGAGGACACTTGACTTTTCATGATTCCTAAATGTCA
 AF116575 -----
 CY006667 GAAAAATGAAAGGACTTTGGATTTCATGACTCCAACTGA
 CY009604 GAAAAATGAAAGGACTTTGGATTTCATGACTTAAATGTGA
 CY020445 GAAAAATGAAAGGACTCTGGATTTCATGACTCAAAATGTGA
 CY045772 GAAAAATGAAAGGACTCTGGATTTCATGACTCAAAATGTGA
 CY009340 GAAAAATGAAAGGACTTTGGATTTCATGACTCAAAATGTGA
 CY013271 GAAAAATGAAAGGACTTTGGATTTCATGACTCAAAATGTGA
 CY010372 GAAAAATGAAAGGACTTTGGATTTCATGACTCAAAATGTGA
 CY021037 GAAAAATGAAAGGACTTTGGATTTCATGACTCAAAATGTGA
 CY021957 GAAAAATGAAAGGACTCTGGATTTCACGACTCGAAATGTAA
 JX046926 GAAAAATGAAAGGACTTTGGACTACCACGATTCAAAATGTGA
 CY049987 GAAAAATGAAAGGACTTTGGACTACCACGATTCAAAATGTGA
 GQ132138.1| GAAAAATGAAAGGACTTTGGACTACCACGATTCAAAATGTGA

1481

CY080523 ACAAGCTGTTTGAAAAAACAAAGGAGGCAACTGAGGGAAAA
 CY118914 ACAAACTGTTTGAAAAAACAAAGGAGCAACTGAGGGAAAA
 CY113365 ACAAACTGTTTGAAAAAACAAAGGAGCAACTGAGGGAAAA
 CY112837 ACAAACTGTTTGAAAAAACAAAGGAGCAACTGAGGGAAAA
 AJ404626 ACAATCTATATAACAAGGTGAAGAGGGCACTGGGCTCCAA
 CY087800 AGAATCTGTATGATAAAGTCAGAAATGCAGCTGAGAGACAA
 CY032261 AGAACCTGTATGATAAAGTCAGAAATGCAGCTGAGAGACAA
 AF116575 -----
 CY006667 AGAATCTGTATGAGAAAGTAAAAAGCCAAATTAAGAAATAA
 CY009604 AGAATCTGTATGAGAAAGTAAAAAGCCAAATTAAGAAATAA
 CY020445 AGAATCTGTATGAGAAAGTAAAAAGCCAAATTAAGAAATAA
 CY045772 AAAATCTGTATGAGAAAGTAAAAATCCAAATTAAGAAATAA
 CY009340 AGAATCTGTATGAGAAAGTAAAAAACCAATTAAGAAATAA
 CY013271 AGAATCTGTATGAGAAAGTAAAAAACCAATTAAGAAATAA
 CY010372 AGAATCTGTATGAGAAAGTAAAAAGCCAAATTAAGAAATAA
 CY021037 AGAACCTGTATGAGAAAGTAAAAAGCCAAATTAAGAAATAA
 CY021957 AGAACCTGTATGAGAAAGTAAAGAGCCAGCTAAGGAACAA
 JX046926 AGAACTTGTATGAAAAAGGTGAGAAACCAGTTAAAAAACAA
 CY049987 AGAACTTATATGAAAAAGGTAAAGAGCCAGCTAAAAAACAA
 GQ132138.1| AGAACTTATATGAAAAAGGTAAAGAGCCAGCTAAAAAACAA

1521

CY080523 TGCTGAAGACATGGGCAATGGTTGCTTCAAAATATACCAC
 CY118914 TGCTGAGGACATGGGCAATGGTTGTTTCAAAATATACCAC
 CY113365 TGCTGAGGACATGGGCAATGGTTGCTTCAAGATATACCAC
 CY112837 TGCTGAGGACATGGGCAATGGTTGCTTCAAAATATATCAC
 AJ404626 TGCTATGGAAGATGGGAAAGGCTGTTTCGAGCTATACCAT
 CY087800 CGTCAAAAGAACTAGGAAATGGATGTTTTGAATTTTATCAC
 CY032261 CGTCAAAAGAACTAGGAAATGGATGTTTTGAATTTTATCAC
 AF116575 -----
 CY006667 TGCCAAAGAAAATAGGGAACGGGTGTTTTGAATTCCTATCAC
 CY009604 TGCCAAAGAAAATCGGAAATGGGTGTTTTGAGTTCTACCAC
 CY020445 TGCCAAAGAAAATCGGAAATGGATGTTTTGAGTTCTACCAC
 CY045772 TGCCAAAGAAAATCGGAAATGGGTGTTTTGAGTTCTACCAC
 CY009340 TGCCAAAGAAAATAGGGAACGGGTGTTTTGAGTTCTACCAC
 CY013271 TGCCAAAGAAAATAGGGAACGGGTGTTTTGAGTTCTACCAC
 CY010372 TGCCAAAGAAAATAGGGAACGGGTGTTTTGAATTCCTACCAC
 CY021037 TGCCAAAGAAAATAGGGAACGGGTGTTTTGAATTCCTACCAC
 CY021957 TGCCAAAGAAAATGGGAATGGCTGCTTTGAATTCCTATCAC
 JX046926 TGCCAAAGAAAATGGGAACGGCTGCTTTGAATTTTACCAC
 CY049987 TGCCAAAGGAAGTTGGGAACGGGTGCTTTGAATTTTACCAC
 GQ132138.1| TGCCAAAGGAATTTGGGAACGGCTGCTTTGAATTTTACCAC

1561

CY080523 AAATGTGACAAAGCTTGCATAGAGTCAATCAGAAATGGGA
 CY118914 AAATGTGACAATGCCTGCATAGGATCAATCAGAAATGGAA
 CY113365 AAATGTGACAATGCCTGCATAGGGTCAATCAGAAATGGAA
 CY112837 AAATGTGACAATGCCTGCATAGGGTCAATCAGAAATGGAA
 AJ404626 AAATGTGATGATCAGTGCATGGAAACAAATTCGGAACGGGA
 CY087800 AAATGTGATGATGAATGCATGAATAGTGTGAAAAACGGGA
 CY032261 AAATGTGACGATGAATGCATGAATAGTGTGAAAAACGGGA
 AF116575 -----
 CY006667 AAGTGTAAACGATGAATGCATGGAGAGTGTGAAAAATGGAA
 CY009604 AAGTGTGACAATGAATGCATGGAAAAGTGTAAAGAAATGGGA
 CY020445 AAGTGTGACAATGAATGCATGGAAAAGTGTAAAGAAATGGGA
 CY045772 AAGTGTGACAATGAATGCATGGAAAAGTGTGAGAAATGGGA
 CY009340 AAGTGTGACAATGAATGCATGGAAAAGTGTAAAAAATGGAA
 CY013271 AAGTGTAAACAATGAATGCATGGAAAAGTGTAAAAAATGGAA
 CY010372 AAGTGTAAACAATGAATGCATGGAAAAGTGTAAAAAATGGAA
 CY021037 AAGTGTAAACAATGAATGCATGGAAAAGTGTAAAAAATGGAA
 CY021957 AAATGTGATGATACATGCATGGAGAGCGTCAAAAAATGGGA
 JX046926 AAATGCGATAACACGTCATGGAAAAGTGTCAAAAAATGGGA
 CY049987 AAATGCGATAACACGTCATGGAAAAGTGTCAAAAAATGGGA
 GQ132138.1| AAATGCGATAACACGTCATGGAAAAGTGTCAAAAAATGGGA

1601

CY080523 CTTATGACCATGATGTATACAGAGACGAAGCATTAAACAA
 CY118914 CTTATGACCATGATGTATACAGAGATGAAGCATTAAACAA
 CY113365 CTTATGACCATGATGTATACAGAGACGAAGCATTAAACAA
 CY112837 CTTATGACCATGATGTATACAGAGACGAAGCATTAAACAA
 AJ404626 CCTATAATAGGAGAAAAGTATAGAGAGGAATCAAGACTAGA
 CY087800 CGTATGATTATCCCAAGTATGAAGAAGAGTCTAAACTAAA
 CY032261 CGTATGATTATCCCAAGTATGAAAAAGAACTCTAAACTAAA
 AF116575 -----
 CY006667 CTTATGACTATCCAAAAATATTCCGAAGAATCAAAGTTAAA
 CY009604 CTTATGATTATCCAAAAATATTGAGAAGAATCAAAGTTGAA
 CY020445 CTTATGATTATCCCAAAATATTGAGAAGAGTCAAAGTTGAA
 CY045772 CTTATGATTATCCAAAAATATTCAAAAAGAAATCAAAGTTGAA
 CY009340 CTTATGATTATCCCAAAAGTATTGAGAGGAATCAAAGTTAAA
 CY013271 CTTATGATTATCCCAAAATATTGAGAGGAATCAAAGTTAAA
 CY010372 CTTATGACTATCCAAAAATATTGAGAGGAATCAAAGTTAAA
 CY021037 CTTATGACTATCCAAAAATATTGAGAGGAATCAAAGTTAAA
 CY021957 CTTATGATTATCCCAAAAGTACTCAGAAGAATCAAAGCTAAA
 JX046926 CTTATGACTATCCCAAAATACTCAGAGGAAGCAAAATTTAAA
 CY049987 CTTATGACTATCCCAAAATACTCAGAGGAAGCAAAATTTAAA
 GQ132138.1| CTTATGACTATCCCAAAATACTCAGAGGAAGCAAAATTTAAA

1641

CY080523 CCGGTTTCAGATCAAAGGCTGTGAACTGAAGTCTGGATAC
 CY118914 CCGGTTCCAGATCAAGGGCGTTGAGCTGAAGTCAGGATAC
 CY113365 CCGGTTCCAGATCAAAGGCTGTGAGCTGAAGTCAGGATAC
 CY112837 CCGGTTCCAGATCAAAGGCTGTGAGCTGAAGTCAGGATAC
 AJ404626 AAGGCAGAAAAATAGAGGGGGTTAAGCTGGAATCTGAGGGA
 CY087800 TAGAAATGAAATCAAAGGGGTAAAAATTGAGCAGCATGGGG
 CY032261 TAGAAATGAAATCAAAGGGGTAAAAATTGAGCAGCATGGGG
 AF116575 -----
 CY006667 CAGGGAGAAAAATTGATGGAGTGAAATTGGAATCAATGGGA
 CY009604 CAGGGAAAAAGATAGATGGAGTGAAATTGGAATCAATGGGG
 CY020445 CAGGGAAAAAGATAGATGGAGTGAAATTGGAATCAATGGGG
 CY045772 CAGGGAAAAAGATAGATGGAGTGAAATTGGAATCAATGGGG
 CY009340 CAGGGCAAAAAATTGATGGAGTAAAACTGGAATCAATGGGG
 CY013271 CAGGGAAAAAAATTGATGGAGTGAAATTGGAATCAATGGGG
 CY010372 CAGGGAAAAAAATTGATGGAGTGAAATTGGAATCAATGGGA
 CY021037 CAGGGAAAAAAATTGATGGAGTGAAATTGGAATCAATGGGA
 CY021957 CAGAGAGGAGATAGATGGAGTAAAGTTGGAGTCAACAAGA
 JX046926 CAGAGAAGAAATAGATGGGGTAAAGCTGGAATCAACAAGG
 CY049987 CAGAGAAGAAATAGATGGGGTAAAGCTGGAATCAACAAGG
 GQ132138.1| CAGAGAAGAAATAGATGGGGTAAAGCTGGAATCAACAAGG

1681

CY080523 AAAGACTGGATCCTGTGGATTTCTTTGCCATATCATGCT
 CY118914 AAAGATTGGATCCTATGGATTTCTTTGCCATATCATGTT
 CY113365 AAAGACTGGATCCTATGGATTTCTTTGCCATATCATGCT
 CY112837 AAAGATTGGATCCTATGGATTTCTTTGCCATATCATGCT
 AJ404626 ACTTACAAAATCCTCACCATTATTCGACTGTGCGCCTCAT
 CY087800 GTTTATCAAATCCTTGCCATTATGCTACAGTAGCAGGTT
 CY032261 GTTTACCAAATTTCTTGCCATTTATGCTACAGTAGCAGGTT
 AF116575 -----
 CY006667 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY009604 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY020445 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY045772 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY009340 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY013271 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY010372 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY021037 GTCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTT
 CY021957 ATTTACCAGATTTTGGCGATCTATTCAACTGTCGCCAGTT
 JX046926 ATTTACCAGATTTTGGCGATCTATTCAACTGTCGCCAGTT
 CY049987 ATTTACCAGATTTTGGCGATCTATTCAACTGTCGCCAGTT
 GQ132138.1| TTTTACCAGATTTTGGCGATCTATTCAACTGTCGCCAGTT

1721

CY080523 TTTTGCTTTGTGTGTGTTTGCTGGGGTTCATCA---TGTG
 CY118914 TTTTGCTTTGTGTGTGTTTGCTGGGGTTCATCA---TGTG
 CY113365 TTTTGCTTTGTGTGTGTTTGCTGGGGTTCATCA---TGTG
 CY112837 TTTTGCTTTGTGTGTGTTTGCTGGGGTTCATCA---TGTG
 AJ404626 CTCTTGTGCTTGCAATGGGGTTTGCTGCCCTTCCCTGTTCTG
 CY087800 CTCTGTCACTGGCAATCATGATGGCTGGGATCTCTTTCTG
 CY032261 CTCTGTCACTGGCAATCATGATGGCTGGGATCTCTTTCTG
 AF116575 -----
 CY006667 CCCTGGTCTTTTTGGTCTCCCTGGGGGCAATCAGCTTCTG
 CY009604 CACTGGTGCTTTTTGGTCTCCCTGGGGGCAATCAGTTTCTG
 CY020445 CACTGGTGCTTTTTGGTCTCCCTGGGGGCAATCAGTTTCTG
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 CY013271 CACTGGTGCTTTTTGGTCTCCCTGGGGGCAATCAGTTTCTG
 CY010372 CACTGGTGCTTTTTGGTCTCCCTGGGGGCAATCAGTTTCTG
 CY021037 CACTGGTGCTTTTTGGTCTCCCTGGGGGCAATCAGTTTCTG
 CY021957 CATTGGTACTGTTGGTCTCCCTGGGGGCAATCAGTTTCTG
 JX046926 CATTGGTACTGCTAGTCTCCCTGGGGGCAATCAGTTTCTG
 CY049987 CATTGGTACTGGTAGTCTCCCTGGGGGCAATCAGTTTCTG
 GQ132138.1| CATTGGTACTGGTAGTCTCCCTGGGGGCAATCAGTTTCTG

1761

CY080523 GGCCTGCCAGAGAGGCAACATTAGGTGCAACATTTGCATT
 CY118914 GGCCTGCCAAAAAGGCAACATTAGGTGCAACATTTGCATT
 CY113365 GGCCTGCCAAAAAGGCAACATTAGGTGCAACATTTGCATT
 CY112837 GGCCTGCCAAAAAGGCAACATTAGGTGCAACATTTGCATT
 AJ404626 GGCCATGTCCAATGGATCTTGCAAGTGCAGATTTGTATA
 CY087800 GATGTGCTCCAACGGGTCTCTGCAGTGCAGGATCTGCATA
 CY032261 GATGTGCTCCAACGGGTCTCTGCAGTGCAGAATCTGCATA
 AF116575 -----
 CY006667 GATGTGTTCCAATGGGTCTTTGCAGTGTAGAATATGCATC
 CY009604 GATGTGTTCTAATGGGTCTTTGCAGTGCAGAATATGCATC
 CY020445 GATGTGTTCTAATGGATCTTTGCAGTGCAGAATATGCATC
 CY045772 GATGTGTTCTAATGGGTCTTTGCAGTGCAGAATATGCATC
 CY009340 GATGTGTTCCAATGGGTCTTTGCAATGCAGAATATGCATC
 CY013271 GATGTGTTCTAATGGGTCTTTGCAGTGCAGAATATGCATC
 CY010372 GATGTGTTCTAATGGGTCTTTGCAGTGCAGAATATGCATC
 CY021037 GATGTGTTCTAATGGGTCTTTGCAGTGCAGAATATGCATC
 CY021957 GATGTGCTCTAATGGGTCTTTACAGTGCAGAATATGTATT
 JX046926 GATGTGCTCTAATGGGTCTCTACAGTGTAGAATATGTATT
 CY049987 GATGTGCTC---TTGGTCTCTACAGTGTAGAATATGTATT
 GQ132138.1| GATGTGCTCTAATGGGTCTCTACAGTGTAGAATATGTATT

1801

CY080523	TGAGTGTATTAGTAAATTAAAAACAC	
CY118914	TGAGTGCATT--AAATTAAAAAC	
CY113365	TGAGTGCATT--AAATTAAAAA	
CY112837	TGAGTGCATT--AAATTAAAAAC	
AJ404626	TAA	
CY087800	TGATTATAAGTCATTTTATAAATTAAAAACAC	
CY032261	TGATTCTAAGTCATTTTCTAATTAA	
AF116575		
CY006667	TAAGACCAGA--ATTTCAGAAATATAAGGAAAAA	
CY009604	TGAGATTAGG--ATTTCAGAAATATAAGGAAAAA	
CY020445	TGAGATTAGA--ATTTCAGAAATATAA	
CY045772	TGAGATTAGA--ATTTCAGAAATATAAGGAA	
CY009340	TGAGACCAGA--ATTTCAGAAATATAAGGAAAAAA	
CY013271	TGAGACCAGG--ATTTCAAAAAATATAA	
CY010372	TGAGACCAGA--ATTTCAGAAATATAAGAAAAAAA	
CY021037	TGAGACCAGA--ATTTCAGAAATATAAGAAAAAAA	
CY021957	TAAAACTAGG--ATT	
JX046926	TAA	
CY049987	TAA	
GQ132138.1	TAACATTAGG--ATTTCAGAAAGCATGAGA	