

1  
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JX046923 -----ATGGAGAGAAATAA  
CY049984 -----ATGGAGAGAAATAA  
GQ132138.1| -----ATGGAGAGAAATAA  
CY006674 ----AAAGCAGGTCGAATTATATTCGAATATGGAAAGAAATAA  
DQ208309 -----ATGGAAAGAAATAA  
CY118921 -----ATTATATTCAGTATGGAAAGAAATAA  
CY113372 -----ATTATATTCAGTATGGAAAGAAATAA  
CY112844 -----ATTATATTCAGTATGGAAAGAAATAA  
CY020452 -----ATATGGAAAGAAATAA  
CY021964 -----AATATGGAAAGAAATAA  
CY009611 -----TCAATTATATTCGAATATGGAAAGAAATAA  
CY045779 -----ATGGAAAGAAATAA  
CY010379 -----TCAATTATATTCGAATATGGAAAGAAATAA  
CY021044 -----TCAATTATATTCGAATATGGAAAGAAATAA  
CY032268 -----ATATGGAAAGAAATAA  
CY080530 ----AAAGCAGGTCGAATTATATTCGAATATGGAAAGAAATAA  
CY087807 -----AATATGGAAAGAAATAA  
CY013278 -----TTCAATATGGAAAGAAATAA  
CY009347 -----TCAATTATATTCGAATATGGAAAGAAATAA

41  
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JX046923 AAGAAGCTGAGAGATCTAATGTCGCAGTCCCGCACTCGCGA  
CY049984 AAGAAGCTGAGAGATCTAATGTCGCAGTCCCGCACTCGCGA  
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CY006674 AAGAGCTGAGGAATCTGATGTCACAATCTCGCACTCGCGA  
DQ208309 AAGAAGCTAAGGATCTAATGTCGCAGTCTCGCACTCGCGA  
CY118921 AAGAAGCTACGGAATCTGATGTCGCAGTCTCGCACTCGCGA  
CY113372 AAGAAGCTACGGAACCTGATGTCGCAGTCTCGCACTCGCGA  
CY112844 AAGAAGCTACGGAACCTGATGTCGCAGTCTCGCACTCGCGA  
CY020452 AAGAAGCTAAGGAATCTAATGTCGCAGTCTCGCACTCGCGA  
CY021964 AAGAAGCTAAGAAATCTAATGTCGCAGTCTCGCACTCGCGA  
CY009611 AAGAAGCTAAGGAATCTAATGTCGCAGTCTCGCACTCGCGA  
CY045779 AAGAAGCTAAGGAATCTAATGTCGCAGTCTCGCACTCGCGA  
CY010379 AAGAGCTAAGGAATCTGATGTCGCAGTCTCGCACTCGCGA  
CY021044 AAGAGCTAAGGAATCTGATGTCGCAGTCCCGCACTCGCGA  
CY032268 AAGAAGCTACGGAATCTGATGTCGCAGTCTCGCACTCGCGA  
CY080530 AAGAAGCTACGGAATCTGATGTCGCAGTCTCGCACTCGCGA  
CY087807 AAGAAGCTACGGAATCTGATGTCGCAGTCTCGCACTCGCGA  
CY013278 AAGAAGCTAAGGAATCTGATGTCGCAGTCTCGCACTCGCGA  
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81  
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CY006674 GATACTTACCAAAAATCTAGTGTAGACCACATGGCCATAAATC  
DQ208309 GATACTCACAAAAACCACTGTGGACCATAATGGCCATAAATC  
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CY113372 GATACTAACAAAAACCACTGTGGACCATAATGGCCATAAATT  
CY112844 GATACTAACAAAAACCACTGTGGACCATAATGGCCATAAATT  
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CY021964 GATACTCACAAAAACCACTGTGGACCATAATGGCCATAAATC  
CY009611 GATACTCACAAAAACCACTGTGGACCATAATGGCCATAAATC  
CY045779 GATACTCACAAAAACCACTGTGGACCATAATGGCCATAAATC  
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CY032268 GATACTAACAAAAACCACTGTGGACCATAATGGCCATAAATT  
CY080530 GATACTAACAAAAACCACTGTGACCATAATGGCCATAAATT  
CY087807 GATACTAACAAAAACCACTGTGGACCATAATGGCCATAAATT  
CY013278 GATACTCACAAAAACCACTGTGGACCATAATGGCCATAAATT  
CY009347 GATACTAACAAAAACCACTGTGGACCATAATGGCCATAAATT

121

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 CY113372 AAGAAGTACACATCAGGGAGACAGGAAAAAGAAATCCCGTCAC  
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 CY045779 AAGAAGTACACATCAGGAAGACAGGAGAAAGAAATCCCATCAC  
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 CY021044 AAGAAATACACATCAGGAAGACAGGAGAAAAAATCCCGTCAC  
 CY032268 AAGAAGTACACATCAGGGAGACAGGAAAAAGAAATCCCGTCAC  
 CY080530 AAGAAGTATACATCAGGGAGACAGGAAAAAGAAATCCCGTCAC  
 CY087807 AAGAAGTACACATCAGGGAGACAGGAAAAAGAAATCCCGTCAC  
 CY013278 AAGAAGTACACATCAGGAAGACAGGAGAAAGAAATCCCGTCAC  
 CY009347 AAGAAGTACACATCAGGGAGACAGGAGAAAGAAATCCCGTCAC

161

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 CY032268 TTAGGATGAAATGGATGATGGCAATGAAATATCCAATTAC  
 CY080530 TTAGGATGAAATGGATGATGGCAATGAAATATCCAATTAC  
 CY087807 TTAGGATGAAATGGATGATGGCAATGAAATATCCGATTAC  
 CY013278 TTAGGATGAAATGGATGATGGCAATGAAATATCCGATTAC  
 CY009347 TTAGGATGAAATGGATGATGGCAATGAAATATCCAATTAC

201

AJ404630 AGCTGACAAAAAGAAATAATGGAGATGATCCCTGAAAGGAAT  
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 CY087807 AGCTGACAAAGAGGATAACAGAAATGATTCCCTGAGAGAAAT  
 CY013278 AGCAGACAAAGAGGATAACGGAAATGATTCCCTGAGAGAAAT  
 CY009347 AGCAGACAAAGAGGATAACAGAAATGATTCCCTGAGAGAAAT

241

AJ404630 GAGCAAGGCGAAACTCTTTGGAGCAAAACAAATGACGCTG  
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CY049984 GAACAAGGACAAACCCCTCTGGAGCAAAATAAACGATGCTG  
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CY006674 GAGCAAGGACAGACACTATGGAGTAAAGTGAATGATGCCG  
DQ208309 GAGCAAGGACAAACTCTATGGAGTAAAAAGAACGATGCCG  
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CY113372 GAACAAGGACAGACTCTATGGAGTAAAAATGAGTGATGCTG  
CY112844 GAACAAGGACAAACTCTATGGAGTAAAAATGAGTGATGCTG  
CY020452 GAGCAAGGACAAACTTTATGGAGTAAAAATGAATGATGCCG  
CY021964 GAGCAAGGACAAACTTTATGGAGTAAAAATGAATGATGCCG  
CY009611 GAGCAAGGACAAACTTTATGGAGTAAAAATGAATGATGCCG  
CY045779 GAGCAAGGACAAACTTTATGGAGTAAAAATGAATGATGCCG  
CY010379 GAGCAAGGGCAAAACATTATGGAGTAAAAATGAATGATGCCG  
CY021044 GAGCAAGGGCAAAACATTATGGAGTAAAAATGAATGATGCCG  
CY032268 GAGCAAGGACAAACTCTATGGAGTAAAAATGAGTGATGCCG  
CY080530 GAGCAAGGACAAACTCTATGGAGCAAAATGAGTGATGCCG  
CY087807 GAGCAAGGGCAAAACTCTATGGAGTAAAAATGAGTGATGCCG  
CY013278 GAGCAAGGGCAAAACTCTGTTGGAGTAAAAATGAATGATGCCG  
CY009347 GAGCAAGGGCAAACTTTGTTGGAGTAAAAATAAATGATGCTG

281

AJ404630 GATCAGACAGGGTAAATGGTATCACCTCTGGCTGTAAACGTG  
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CY049984 GATCAGACCGAGTGATGGTATCACCTCTGGCCGTAAACATG  
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DQ208309 GATCAGACCGAGTGATGGTATCACCTCTGGCTGTGACATG  
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CY113372 GGTTCAGATCGAGTGATGGTATCACCTTTGGCAGTGACATG  
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CY021964 GATCAGACCGAGTGATGGTATCACCTCTGGCTGTGACATG  
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CY045779 GATCAGACCGAGTGATGGTATCACCTCTGGCTGTAAACATG  
CY010379 GATCAGACCGAGTGATGGTATCACCCCTGGCTGTGACATG  
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CY032268 GGTTCAGATCGAGTGATGGTATCACCTTTGGCAGTGACATG  
CY080530 GATCAGATCGAGTGATGGTATCACCCCTGGCAGTGACATG  
CY087807 GATCGGATCGTGTGATGGTATCACCTCTGGCTGTGACATG  
CY013278 GATCAGACCGAGTGATGGTATCACCTCTGGCTGTGACATG  
CY009347 GATCGGATCGAGTGATGGTATCACCTCTGGCTGTGACATG

321

AJ404630 GTGGAACAGAAATGGACCAACAACAAGTACAGTCCATTAT  
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CY049984 GTGGAATAGGAATGGCCCAACAACAAGTGCATTTCAATTAC  
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CY032268 GTGGAATAGAAATGGACCAATGACAAGTACGGTTCATTAT  
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CY087807 GTGGAATAGAAATGGACCAATGACAAGTACGGTTCATTAT  
CY013278 GTGGAATAGAAATGGACCAATGACAAGTACGGTTCATTAT  
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361

AJ404630 CCTAAGGTTATATAAAACCTTATTTGAAAAAGTTCGAAAAGGT  
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 CY032268 CCAAAAAATCTACAAAACCTTATTTGAAAAAGTTCGAAAAGGT  
 CY080530 CCAAAAAATCTACAAAACCTTATTTGAAAAAGTTCGAAAAGGT  
 CY087807 CCAAAAAATCTACAAAACCTTATTTGAAAAAGTTCGAAAAGGT  
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 CY009347 CCAAAAAATCTACAAAACCTTATTTGAAAAAGTTCGAAAAGGT

401

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 CY087807 TAAAAACATGGAACCTTTGGCCCTGTCCATTTTCCGGAATCA  
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441

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481

AJ404630 GCAGATCTCAGTGCCTAAAGAGGCACAAGATGTCATCATGG  
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 CY032268 GCAGACCTCAGTGCCAAGGAGGCACAAGATGTAATCATGG  
 CY080530 GCAGACCTCAGTGCCAAGGAGGCACAAGATGTAATCATGG  
 CY087807 GCAGACCTCAGTGCCAAGGAGGCACAGGATGTAATCATGG  
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521

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 CY032268 AAGTTGTTTTCCTTCCCAAAATGAAGTTGGGGGCCAGGATACTAAC  
 CY080530 AAGTTGTTTTCCTTCCCAAAATGAAGTTGGGGGCCAGGATACTAAC  
 CY087807 AAGTTGTTTTCCTTCCCAAAATGAAGTTGGGGGCCAGGATACTAAC  
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561

AJ404630 ATCAGAATCACAGCTGACAAATAACAAAAGGAAAAAGAGGGAG  
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 CY080530 GTCGGAATCACAAATTAAACAAATAACCAAGGAGAAAAAGAA  
 CY087807 GTCGGAATCGCAATTAAACAAATAACCAAGGAGAAAAAGAA  
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601

AJ404630 GAACTCAAGAAATTGTAATAATTGOTCCCTTAAAGGTTGGCAT  
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 CY080530 GAACTCCAAGATTGCAAAAATTTCTCCTTTGATGGTTGCAT  
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 CY009347 GAACTCCAGGATTGCAAAAATTTCTCCTTTGATGGTTGCAT

641

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681

AJ404630 ACCCGTGGCTGGCGGGACAAGCAGCGTATATATAGAAGTA  
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721

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761

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801

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841

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881

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921

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961

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1001

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1041

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1081

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1121

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1161

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1201

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 CY009347

1241

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1281

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1321

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CY021964 CATCAACTTTTAAAGACATTTTCAGAAAGGATGCGAAAGTGC  
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1361

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CY049984 TTTTCCAGAAGTGGGGAATTGAATCCATCGACAATGTGAT  
GQ132138.1| TTTTCCAGAAGTGGGGAATTGAATCCATCGACAATGTGAT  
CY006674 TTTTCTTAAATTTGGGGAATTGAACATATTCGACAATGTGAT  
DQ208309 TTTTTCAAAATTTGGGGAATTGAACCCATCGACAATGTGAT  
CY118921 TTTTTCAAAATTTGGGGAATTGAACACATCGACAGTGTGAT  
CY113372 TTTTTCAGAATTTGGGGAATTGAACATATTCGACAGTGTGAT  
CY112844 TTTTTCAGAATTTGGGGAATTGAACACATCGACAGTGTGAT  
CY020452 TTTTTCAAAATTTGGGGAGTTGAACCTATCGACAATGTGAT  
CY021964 TTTTTCAAAATTTGGGGAGTTGAACCTATCGACAATGTGAT  
CY009611 TCTTTCAAAAATTTGGGGAATTGAATCCATCGACAATGTGAT  
CY045779 TCTTTCAAAAATTTGGGGAATTGAACCCATCGACAATGTGAT  
CY010379 TTTTCCAAAATTTGGGGAATTGAACCTATCGACAATGTGAT  
CY021044 TTTTCCAAAATTTGGGGAATTGAACCTATCGACAATGTGAT  
CY032268 TTTTTCAAAATTTGGGGAATTGAACATATTCGACAATGTAAT  
CY080530 TTTTTCAAAATTTGGGGAATTGAACATATTCGACAATGTAAT  
CY087807 TTTTTCAAAATTTGGGGAATTGAACATATTCGACAATGTGAT  
CY013278 TTTTTCAAAATTTGGGGAATTGAGCATATCGACAGTGTGAT  
CY009347 TTTTTCAAAATTTGGGGAATTGAACATATTCGACAATGTGAT

1401

AJ404630 GGGTATGATTGGAATATTGCGTGACATGACCCCCAGCAGC  
JX046923 GGGAAATGATCGGAATACTGCCCGACATGACCCCCAAGCAGC  
CY049984 GGGAAATGATCGGAATACTGCCCGACATGACCCCCAAGCAGC  
GQ132138.1| GGGAAATGATCGGAATAATGCCCGACATGACCCCCAAGCAGC  
CY006674 GGGAAATGATTGGGATATTACCTGATATGACTCCAAGTACC  
DQ208309 GGGAAATGATTGGGATATTGCCCGACATGACTCCAAGTACT  
CY118921 GGGAAATGGTTGGAGTATTACCAAGATATGACTCCAAGCACA  
CY113372 GGGAAATGGTTGGAGTATTACCAAGATATGACTCCAAGCACA  
CY112844 GGGAAATGGTTGGAGTATTACCAAGATATGACTCCAAGCACA  
CY020452 GGGAAATGATTGGGATATTGCCCGACATGACTCCAAGCATC  
CY021964 GGGAAATGATTGGGATATTGCCCGACATGACTCCAAGCATC  
CY009611 GGGAAATGATTGGGATATTGCCCGACATGACTCCAAGCACC  
CY045779 GGGGATGATTGGGATATTGCCCGACATGACTCCAAGCACC  
CY010379 GGGAAATGATTGGGATATTACCGACATGACTTCAAGCACC  
CY021044 GGGAAATGATTGGGATATTACCGACATGACTCCAAGCACC  
CY032268 GGGAAATGATTGGAGTATTACCAAGACATGACTCCAAGCACA  
CY080530 GGGGATGATTGGAGTATTACCAAGACATGACTCCAAGCACA  
CY087807 GGGAAATGATTGGGGTATTACCAAGACATGACTCCAAGCACA  
CY013278 GGGAAATGATTGGGATATTACCAAGACATGACTCCAAGCACA  
CY009347 GGGAAATGATTGGGATATTACCAAGACATGACTCCAAGCACA

1441

AJ404630 GAAATGTCACCTAAGAGGAGTGAGAGTTAGCAAAATGGGGG  
JX046923 GAGATGTCGCTGAGAGGGATAAGAGTCAGCAAGATGGGGG  
CY049984 GAGATGTCGCTGAGAGGGATAAGAGTCAGCAAAATGGGAG  
GQ132138.1| GAGATGTCGCTGAGAGGGATAAGAGTCAGCAAAATGGGAG  
CY006674 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGTG  
DQ208309 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGAG  
CY118921 GAGATGTCAAATGAGAGGAATAAGAGTCAGCAAAATGGGTG  
CY113372 GAAATGTCAAATGAGAGGAATAAGAGTCAGCAAAATGGGCG  
CY112844 GAGATGTCAAATGAGAGGAATAAGAGTCAGCAAAATGGGCG  
CY020452 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGTG  
CY021964 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGTG  
CY009611 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGGG  
CY045779 GAGATGTCAAATGAGAGGAGTAAGAGTCAGCAAAATGGGTG  
CY010379 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGTG  
CY021044 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGTG  
CY032268 GAGATGTCAAATGAGAGGGATAAGAGTCAGCAAAATGGGCG  
CY080530 GAGATGTCAAATGAGAGGGATAAGAGTCAGCAAAATGGGCG  
CY087807 GAGATGTCAAATGAGAGGGGTAAAGAGTCAGCAAAATGGGCG  
CY013278 GAGATGTCAAATGAGAGGAGTGAGAGTCAGCAAAATGGGCG  
CY009347 GAGATGTCAAATGAGAGGAATAAGAGTCAGCAAAATGGGCG

1481

AJ404630 TGGATGAATATTCTAGCACTGAAAGGGTGGTCTGAGCAT  
JX046923 TGGATGAATACTCCAGCACGGAGAGTGGTAGTGAGTAT  
CY049984 TAGATGAATACTCCAGCACGGAGAGTGGTAGTGAGTAT  
GQ132138.1| TAGATGAATACTCCAGCACGGAGAGTGGTAGTGAGTAT  
CY006674 TAGATGAATACTCCAATGCTGAAAGGGTAGTGGTGAGCAT  
DQ208309 TAGATGAGTACTCCAGCACAGAGAGGGTGGTGGTGAGCAT  
CY118921 TGGATGAATACTCCAGTACAGAGAGGGTGGTGGTTAGCAT  
CY113372 TGGATGAATACTCCAGCACAGAGAGGGTGGTGGTTAGCAT  
CY112844 TGGACGAATACTCCAGTACAGAGAGGGTGGTGGTTAGCAT  
CY020452 TAGATGAGTACTCCAGCATGGAGAGGGTAGTGGTGAGCAT  
CY021964 TAGATGAGTACTCCAGCACGGAGAGGGTAGTGGTGAGCAT  
CY009611 TAGATGAGTATTCCAGCGCGGAGAAAGTAGTGGTGAGCAT  
CY045779 TAGATGAATACTCCAGCGCGGAGAGGGTAATGGTGAGCAT  
CY010379 TAGATGAATACTCCAACGCGGAGAGGGTAGTGGTGAGCAT  
CY021044 TAGATGAATACTCCAATGCGGAAAGAGTAGTGGTGAGCAT  
CY032268 TGGATGAATACTCCAGCACAGAGAGGGTAGTGGTGAGCAT  
CY080530 TGGATGAATACTCCAGCACAGAGAGGGTTGTGGTGAGCAT  
CY087807 TAGATGAATACTCCAGCGCGGAGAGAGTAGTGGTGAGCAT  
CY013278 TAGATGAATACTCCAGCGCGGAGAGGGTAGTGGTGAGCAT  
CY009347 TAGATGAATACTCCAGCGCGGAGAGGGTAGTGGTGAGCAT

1521

AJ404630 TGACCGTTTCTTAAGGGTCCGAGATCAGCGAGGAAATGTA  
JX046923 TGACCGATTTTTAAAGGGTTAGAGATCAAAGAGGGAACGTA  
CY049984 TGACCGATTTTTAAAGGGTTAGAGATCAAAGAGGGAACGTA  
GQ132138.1| TGACCGATTTTTAAAGGGTTAGAGATCAAAGAGGGAACGTA  
CY006674 TGACCGTTTTTTGAGAGTCCGGGACCAAAGAGGAAATGTA  
DQ208309 TGACCGCTTTTTTAAGAGTCCGGGACCAACGAGGAAACGTA  
CY118921 TGATCGGTTTTTTGAGAGTTGAGACCAACGTGGGAATGTA  
CY113372 TGACCGGTTTTTTGAGAGTTGAGACCAACGTGGGAATGTA  
CY112844 TGATCGGTTTTTTGAGAGTTGAGACCAACGTGGGAATGTA  
CY020452 TGACCGTTTTTTTTGAGAGTCCGGGACCAACGAGGAAATGTA  
CY021964 TGACCGTTTTTTTTGAGAATCCGGGACCAACGAGGAAATGTA  
CY009611 TGACCGTTTTTTTTGAGAGTCAGGGACCAACGTGGGAATGTA  
CY045779 TGACCGTTTTTTTTGAGAGTTCCGGGACCAACGAGGAAATGTA  
CY010379 TGACCGTTTTTTTTGAGAGTCCGGGACCAACGAGGAAATGTA  
CY021044 TGACCGTTTTTTTTGAGAGTCCGGGACCAAGAGGAAATGTA  
CY032268 TGACCGGTAATTTGAGAGTTGAGACCAACGAGGAAATGTA  
CY080530 TGACCGGTTTTTTGAGAGTTGAGACCAACGAGGAAATGTA  
CY087807 TGACCGGTTTTTTGAGAGTTGAGACCAACGAGGAAATGTA  
CY013278 TGACCGTTTTTTTTGAGAGTTCCGGGACCAACGAGGAAATGTA  
CY009347 TGACCGTTTTTTTTGAGAGTTCCGGGACCAACGAGGAAATGTA

1561

AJ404630 CTCTATCCCTGAAGAAGTTAGTGAAACACAGGGAAATGG  
 JX046923 CTATTGTCTCCCGAAGAAGTCAGTGAAACGCAAGGAACTG  
 CY049984 CTATTGTCTCCCGAAGAAGTCAGTGAAACGCAAGGAACTG  
 GQ132138.1| CTATTGTCTCCCGAAGAAGTCAGTGAAACGCAAGGAACTG  
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 DQ208309 CTACTGTCTCCTGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY118921 TTATTATCTCCTGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY113372 TTACTATCTCCTGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY112844 TTATTATCTCCTGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY020452 CTACTGTCTCCCGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY021964 CTACTGTCTCCCGAGGAGGTCAGTGAGACACAGGGAACAG  
 CY009611 CTACTGTCTCCCGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY045779 CTACTGTCTCCCGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY010379 CTACTGTCTCCAGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY021044 CTACTGTCTCCAGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY032268 TTACTATCTCCTGAGGAGGTCAGTGAAACACAGGGGACAG  
 CY080530 TTACTATCTCCTGAGGAGGTCAGTGAAACACAGGGGACAG  
 CY087807 CTACTATCTCCTGAGGAGGTCAGTGAAACACAGGGAACAG  
 CY013278 CTACTGTCTCCCGAGGAGGTCAGTGAAACACAGGGAACGG  
 CY009347 CTACTATCTCCCGAGGAGGTCAGTGAAACACAGGGAACAG

1601

AJ404630 AAAAGTTGACGATAAAGTTATTCATCGTCTATGATGTGGGA  
 JX046923 AGAAGTTGACAATAAAGTTATTCATCAATGATGTGGGA  
 CY049984 AGAAGTTGACAATAAAGTTATTCATCAATGATGTGGGA  
 GQ132138.1| AGAAGTTGACAATAAAGTTATTCATCAATGATGTGGGA  
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 DQ208309 AGAAATTGACGATAAAGTTATTCATCGTCAATGATGTGGGA  
 CY118921 AGAGACTGACAATAAAGTTATTCATCGTCAATGATGTGGGA  
 CY113372 AGAGACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY112844 AGAGACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY020452 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY021964 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY009611 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY045779 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY010379 AGAAACTGACAATAAAGTTACTCTTCGTCAATGATGTGGGA  
 CY021044 AGAAACTGACAATAAAGTTACTCTTCGTCAATGATGTGGGA  
 CY032268 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY080530 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY087807 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY013278 AGAAACTGACAATAAAGTTACTCATCGTCAATGATGTGGGA  
 CY009347 AGAAACTGACAATAAAGTTACTCATCTTCATGATGTGGGA

1641

AJ404630 GATTAACGGGCCGAGATCAGTGCTAGTTAACACATATCAA  
 JX046923 GATCAATGGCCCTGAGTCAGTGCTAGTCAACACTTATCAA  
 CY049984 GATCAATGGCCCTGAGTCAGTGCTAGTCAACACTTATCAA  
 GQ132138.1| GATCAATGGCCCTGAGTCAGTGTTGATCAATACCTATCAG  
 CY006674 GATTAATGGCCCTGAGTCAGTGTTGATCAATACCTATCAG  
 DQ208309 GGTTAATGGCCCTGAATCAGTGTTGGTCAACACCTATCAG  
 CY118921 GATTAACGGTCCTGAGTCGGTTTGGTCAATACCTATCAA  
 CY113372 GATTAACGGCCCTGAGTCGGTGTTGGTCAATACCTATCAA  
 CY112844 GATTAACGGTCCTGAGTCGGTTTGGTCAATACCTATCAA  
 CY020452 GATTAATGGTCCTGAATCAGTGTTGGTCAATACCTATCAA  
 CY021964 GATTAATGGTCCTGAATCAGTGTTGGTCAATACCTATCAA  
 CY009611 GATTAATGGTCCTGAATCAGTGTTGGTCAATACCTATCAG  
 CY045779 GATTAATGGTCCTGAATCAGTGTTGGTCAATACCTATCAG  
 CY010379 GATTAATGGCCCTGAGTCAGTGTTGGTCAATACCTATCAG  
 CY021044 GATTAATGGCCCTGAGTCAGTGTTGGTCAATACCTATCAG  
 CY032268 GATTAATGGCCCTGAGTCAGTGTTGGTCAATACCTATCAG  
 CY080530 GATTAATGGCCCTGAGTCAGTGTTGGTCAATACCTATCAG  
 CY087807 GATTAATGGCCCTGAGTCAGTGTTGGTCAATACCTATCAG  
 CY013278 GATTAATGGCCCTGAATCAGTGTTGGTCAATACCTATCAG  
 CY009347 GATTAATGGCCCTGAATCAGTATTGGTCAATACCTATCAG

1681

AJ404630 TGGATCATTAGGAATTGGGAGACTGTAAAGATCCAAATGGT  
 JX046923 TGGATAATCAGGAACTGGGAAATTTGTGAAAAATTCAAATGGT  
 CY049984 TGGATAATCAGGAACTGGGAAATTTGTGAAAAATTCAAATGGT  
 GQ132138.1| TGGATAATCAGGAACTGGGAAATTTGTGAAAAATTCAAATGGT  
 CY006674 TGGATCATCAGAAACTGGGAGACTGTTAAAAATTCAGTGGT  
 DQ208309 TGGATCATCAGAAACTGGGAAACTGTTAAAAATTCAGTGGT  
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 CY113372 TGGATCATCAGAAATTTGGGAAACTGTTAAAAATTCAAATGGT  
 CY112844 TGGATCATCAGAAATTTGGGAAACTGTCAAAAAATTCAAATGGT  
 CY020452 TGGATCATCAGAACTGGGAAACTGTTAAAAATTCAGTGGT  
 CY021964 TGGATCATCAGAAACTGGGAAACTGTTAAAAATTCAGTGGT  
 CY009611 TGGATCATCAGAACTGGGAAACTGTTAAAAATTCAGTGGT  
 CY045779 TGGATCATCAGAACTGGGAAACTGTTAAAAATTCAGTGGT  
 CY010379 TGGATCATCAGAACTGGGAGACTGTTAAAAATTCAGTGGT  
 CY021044 TGGATCATCAGAACTGGGAGACTGTTAAAAATTCAGTGGT  
 CY032268 TGGATCATCAGAACTGGGAAACTGTTAAAAATTCAAATGGT  
 CY080530 TGGATCATCAGAACTGGGAAACTGTCAAAAAATTCAAATGGT  
 CY087807 TGGATCATCAGAACTGGGAAACTGTTAAAAATCCAGTGGT  
 CY013278 TGGATCATCAGAACTGGGAAACTGTTAAAAATTCAGTGGT  
 CY009347 TGGATCATCAGAACTGGGAAACTGTTAAAAATTCAGTGGT

1721

AJ404630 CCCAAGAACCCACCATGCTATACAATAAGATGGAGTTTGA  
 JX046923 CACAAGATCCCACAATGTTATACAACAAAAATGGAAATTTGA  
 CY049984 CACAAGATCCCACAATGTTATACAACAAAAATGGAAATTTGA  
 GQ132138.1| CACAAGATCCCACAATGTTATACAACAAAAATGGAAATTTGA  
 CY006674 CTCAGAACCCCAACGATGCTATACAATAAAATGGAAATTTGA  
 DQ208309 CACAGAATCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY118921 CTCAGAATCCTGCAATGTTGTACAACAAAAATGGAAATTTGA  
 CY113372 CTCAGAATCCTGCAATGTTGTACAACAAAAATGGAAATTTGA  
 CY112844 CTCAGAATCCTGCAATGTTGTACAACAAAAATGGAAATTTGA  
 CY020452 CCCAGAACCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY021964 CCCAGAACCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY009611 CCCAGAATCCTGCAATGCTGTACAATAAAATGGAAATTTGA  
 CY045779 CTCAGAATCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY010379 CTCAGAACCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY021044 CTCAGAACCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY032268 CTCAGAACCCTACAATGCTATACAACAAAAATGGAAATTTGA  
 CY080530 CTCAGAATCCTACAATGTTATACAACAAAAATGGAAATTTGA  
 CY087807 CTCAGAATCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY013278 CTCAGAATCCTACAATGCTATACAATAAAATGGAAATTTGA  
 CY009347 CTCAGAATCCTACAATGCTATACAATAAACTGGAAATTTGA

1761

AJ404630 ACCATTTCAATCTTTAGTACCAAAGGCTGCCAGAAGCCAA  
 JX046923 ACCATTTTCAGTCTCTTGTCCCTAAGGCAACCAGAAGCCGG  
 CY049984 ACCATTTTCAGTCTCTTGTCCCTAAGGCAACCAGAAGCCGG  
 GQ132138.1| ACCATTTTCAGTCTCTTGTCCCTAAGGCAACCAGAAGCCGG  
 CY006674 ACCATTTCAATCTCTAGTCCCCAAGGCCATTAGAGGCCAA  
 DQ208309 GCCATTTTCAGTCTTTAGTTCCCTAAGGCCGCTAGAGGTCAA  
 CY118921 ACCATTTCAATCTTTAGTCCCCAAGGCCATTAGAGGCCAA  
 CY113372 ACCATTTTCAGTCTTTAGTTCCCTAAGGCCATTAGAGGCCAA  
 CY112844 ACCATTTCAATCTTTAGTTCCCTAAGGCCATTAGAGGCCAA  
 CY020452 ACCATTTTCAGTCTTTAGTACCTAAGGCCATTAGAGGCCAA  
 CY021964 ACCATTTTCAGTCTTTAGTACCTAAGGCCATTAGAGGCCAA  
 CY009611 GCCATTTTCAGTCTTTAGTTCCCAAAGGCCGCTAGAGGCCAA  
 CY045779 GCCATTTTCAGTCTTTAGTTCCCTAAGGCCGCTAGAGGCCAA  
 CY010379 GCCATTTTCAGTCTCTAGTTCCCTAAGGCCATTAGAGGCCAA  
 CY021044 ACCATTTTCAGTCTCTAGTTCCCAAGGCCATTAGAGGCCAA  
 CY032268 GCCATTTTCAGTCTTTAATTCCTAAGGCCATTAGAGGCCAA  
 CY080530 GCCATTTTCAGTCTTTAGTTCCCTAAGGCCATTAGAGGCCAA  
 CY087807 GCCATTTTCAGTCTTTAGTTCCCTAAGGCCATTAGAGGCCAA  
 CY013278 GCCATTTTCAGTCTTTAGTTCCCTAAGGCCATTAGAGGCCAA  
 CY009347 GCCATTTTCAGTCAATTAGTTCCCTAAGGCCATTAGAGGCCAA

1801

AJ404630 TATAGTGGATTTCGTGAGAACGOTATTCAGCAGATGGCTG  
JX046923 TACAGTGGATTTCGTAAGGACACTATTCAGCAAATGCGGG  
CY049984 TACAGTGGATTTCGTAAGGACACTGTTCCAGCAAATGCGGG  
GQ132138.1| TACAGTGGATTTCGTAAGGACACTGTTCCAGCAAATGCGGG  
CY006674 TACAGTGGGTTTGTGAGAACTCTATTTCAAACAAATGAGGG  
DQ208309 TACAGTGGGTTTGTGAGAACTCTGTTCCAGCAAATGAGGG  
CY118921 TACAGTGGGTTTGTGAGAACTCTATTTCAAACAAATGAGAG  
CY113372 TACAGTGGATTTCGTCAGAACTCTATTTCAAACAAATGAGAG  
CY112844 TACAGTGGATTTCGTCAGAACTCTATTTCAAACAAATGAGAG  
CY020452 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGGG  
CY021964 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGGG  
CY009611 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGGG  
CY045779 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGGG  
CY010379 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGGG  
CY021044 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGGG  
CY032268 TACAGTGGATTTCGTTAGGACTCTATTTCAAACAAATGAGGG  
CY080530 TACAGTGGATTTCGTTAGGACTCTATTTCAAACAAATGAGGG  
CY087807 TACAGTGGGTTTGTGAGAACTCTATTTCAAACAAATGAGGG  
CY013278 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGAG  
CY009347 TACAGTGGGTTTGTGAGAACTCTGTTCCAACAAATGAGGG

1841

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JX046923 ATGTGCTTGGGACATTTGACACTGTCCAAATAATAAAACT  
CY049984 ATGTGCTTGGGACATTTGACACTGTCCAAATAATAAAACT  
GQ132138.1| ATGTGCTTGGGACATTTGACACTGTCCAAATAATAAAACT  
CY006674 ATGTGCTCGGGACCTTTGACACAACTCAGATAATAAAACT  
DQ208309 ATGTGCTTGGGACATTTGACACCGTTTCAGATAATAAAACT  
CY118921 ATGTACTTGGGACATTTGACACCAACCCAGATAATAAAAGCT  
CY113372 ATGTACTTGGGACATTTGATACCAACCCAGATAATAAAAGCT  
CY112844 ATGTACTTGGGACATTTGATACCATCCAGATAATAAAAGCT  
CY020452 ATGTGCTTGGGACATTTGACACCGCACAGATAATAAAACT  
CY021964 ATGTGCTTGGGACATTTGATACCGCACAGATAATAAAACT  
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CY045779 ATGTGCTTGGGACATTTGACACCGCTCAGATAATAAAACT  
CY010379 ATGTGCTTGGGACTTTTTCACACCAACCCAGATAATAAAACT  
CY021044 ATGTGCTTGGGACTTTTTCACACCAACCCAGATAATAAAACT  
CY032268 ATGTACTTGGGACATTTGATACCAACCCAGATAATAAAAGCT  
CY080530 ATGTACTTGGGACATTTGATACCAACCCAGATAATAAAAGCT  
CY087807 ATGTACTTGGGACATTTGATACCAACCCAGATAATAAAACT  
CY013278 ATGTGCTTGGGACATTTGACACCAACCCAAATAATAAAACT  
CY009347 ATGTACTTGGGACATTTGATACCAACCCAGATAATAAAACT

1881

AJ404630 ACTACCATTTGCAGCAGCCCCACCGGAACAGAGTAGGATG  
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CY049984 TCTCCCCTTTGCTGCTGCTCCACCAGAACAGAGTAGGATG  
GQ132138.1| TCTCCCCTTTGCTGCTGCTCCACCAGAACAGAGTAGGATG  
CY006674 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
DQ208309 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY118921 TCTCCCCTTTGAGCCGCTCCACCAAAGCAAAGCAGAAATG  
CY113372 TCTCCCCTTTGAGCCGCTCCACCAAAGCAAAGCAGGATG  
CY112844 TCTCCCCTTTGAGCCGCTCCACCAAAGCAAAGCAGAAATG  
CY020452 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY021964 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY009611 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY045779 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY010379 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY021044 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY032268 TCTTCCCTTTGCAGCCGCCCCACCAAAGCAAAGTAGAATG  
CY080530 TCTCCCCTTTGAGCCGCCCCACCAAAGCAAAGCAGGATG  
CY087807 TCTTCCCTTTGCAGCCGCCCCACCAAAGCAAAGTAGAATG  
CY013278 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG  
CY009347 TCTTCCCTTTGCAGCCGCTCCACCAAAGCAAAGTAGAATG



1921

AJ404630  
JX046923  
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GQ132138.1|  
CY006674  
DQ208309  
CY118921  
CY113372  
CY112844  
CY020452  
CY021964  
CY009611  
CY045779  
CY010379  
CY021044  
CY032268  
CY080530  
CY087807  
CY013278  
CY009347

1961

AJ404630  
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CY112844  
CY020452  
CY021964  
CY009611  
CY045779  
CY010379  
CY021044  
CY032268  
CY080530  
CY087807  
CY013278  
CY009347

2001

AJ404630  
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CY049984  
GQ132138.1|  
CY006674  
DQ208309  
CY118921  
CY113372  
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CY020452  
CY021964  
CY009611  
CY045779  
CY010379  
CY021044  
CY032268  
CY080530  
CY087807  
CY013278  
CY009347

2041

AJ404630 GCAGGTGCCTTACAGAGGACCCAGATGAAGGAACAGCAG  
JX046923 GCAGGTGCATTGACTGAAGATCCAGATGAAGGCACATCTG  
CY049984 GCAGGTGCATTGACTGAAGATCCAGATGAAGGCACATCTG  
GQ132138.1| GCAGGTGCATTGACTGAAGATCCAGATGAAGGCACATCTG  
CY006674 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGCTG  
DQ208309 GCAGGTGCCTTAACTGAAGACCCAGATGAAGGCACAGCTG  
CY118921 GCCGGCACTTTAATTGAAGACCCAGATGAAAGCACATCAG  
CY113372 GCTGGCACTTTAATTGAAGACCCAGATGAAAGCACATCCG  
CY112844 GCCGGCACTTTAATTGAAGACCCAGATGAAAGCACATCCG  
CY020452 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGCTG  
CY021964 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGCTG  
CY009611 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGCTG  
CY045779 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGATG  
CY010379 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGCTG  
CY021044 GCTGGCACTTTAACTGAAGACCCGGATGAAGGCACAGCTG  
CY032268 GCTGGCACTTTAATTGAAGACCCAGATGAAGGCACATCCG  
CY080530 GCTGGCACTTTAATTGAAGACCCAGATGAAGGTACATCCG  
CY087807 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACATCTG  
CY013278 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGCTG  
CY009347 GCTGGCACTTTAACTGAAGACCCAGATGAAGGCACAGCTG

2081

AJ404630 GAGTAGAGTCTGCAGTATTGAGAGGATTTCCTAATCCTCGG  
JX046923 GGGTGGAGTCTGCTGTCCGAGAGGATTTCCTCATTTTAGG  
CY049984 GGGTGGAGTCTGCTGTCCGAGAGGATTTCCTCATTTTAGG  
GQ132138.1| GGGTGGAGTCTGCTGTCCGAGAGGATTTCCTCATTTTAGG  
CY006674 GAGTGGAAATCTGCTGTTTAAAGGGGATTCCCTCATTTCTAGG  
DQ208309 GAGTGGAGTCTGCTGTTCTGAGAGGATTCCCTCATTTCTGGG  
CY118921 GAGTGGAGTCCGCGCTGCTGAGAGGGTTTCTCATTTATAGG  
CY113372 GAGTGGAGTCCGCTGCTGTTGAGAGGATTTCCTCATTTCTAGG  
CY112844 GAGTGGAGTCCGCTGCTGTTGAGAGGATTTCCTCATTTATAGG  
CY020452 GAGTGGAGTCCGCTGTTCTGAGGGGATTCCCTCATTTCTGGG  
CY021964 GAGTGGAGTCCGCTGTTCTGAGGGGATTCCCTCATTTCTGGG  
CY009611 GAGTGGAGTCCGAGTTCTGAGAGGATTCCCTCATTTCTGGG  
CY045779 GAGTGGAGTCCGAGTTCTGAGAGGATTCCCTCATTTCTGGG  
CY010379 GAGTGGAGTCCGCTGTTCTAAGGGGATTCCCTCATTTCTGGG  
CY021044 GAGTGGAAATCCGCTGTTCTAAGGGGATTCCCTCATTTCTGGG  
CY032268 GAAATGGAGTCCGCTGTTCTGAGAGGATTCCCTCATTTCTGGG  
CY080530 GAGTGGAGTCAAGTGTTCGAGAGGGTTCCCTCATTTCTGGG  
CY087807 GAGTGGAGTCCGCTGTTCTGAGAGGATTCCCTCATTTCTGGG  
CY013278 GAGTGGAGTCCGCTGTTCTGAGGGGATTCCCTCATTTCTGGG  
CY009347 GAGTGGAGTCCGCTGTTCTGAGAGGATTCCCTCATTTCTGGG

2121

AJ404630 CAAAGAAAGACAAAAGATATGGACCAGCATTAAAGCATCAAT  
JX046923 CAAAGAAAGACAAAGAGATATGGCCCAGCATTAAAGCATCAAT  
CY049984 CAAAGAAAGACAAAGAGATATGGCCCAGCATTAAAGCATCAAT  
GQ132138.1| CAAAGAAAGACAAAGAGATATGGCCCAGCATTAAAGCATCAAT  
CY006674 CAAAGAAAGATAGAAGATATGGGCCAGCATTAAAGCATCAAT  
DQ208309 CAAAGAAAGACAGGAGATATGGGCCAGCATTAAAGCATCAAT  
CY118921 TAAGGAAGACAGAAGATACGGACCAGCATTAAAGCATCAAT  
CY113372 TAAGGAAGACAGAAGATACGGACCAGCATTAAAGCATCAAT  
CY112844 TAAGGAAGACAGAAGATACGGACCAGCATTAAAGCATCAAT  
CY020452 CAAAGAAAGACAGGAGATATGGGCCAGCATTAAAGCATCAAT  
CY021964 CAAAGAAAGACAAAGAGATATGGGCCAGCACTAAAGCATCAAT  
CY009611 CAAAGAAAGACAGGAGATATGGAACCAGCATTAAAGCATAAAT  
CY045779 CAAAGAAAGACAGGAGATATGGGCCAGCATTAAACATCAAT  
CY010379 CAAAGAAAGATAGGAGATATGGGCCAGCATTAAAGCATCAAT  
CY021044 CAAAGAAAGATAGGAGATATGGGCCAGCATTAAAGCATCAAT  
CY032268 TAAGGAAGATAGAAGATATGGGCCAGCATTAAAGCATCAAT  
CY080530 TAAGGAAGATAGAAGATATGGAACCAGCATTAAAGCATCAAT  
CY087807 CAAAGAAAGATAGGAGATATGGAACCAGCATTAAAGCATCAAT  
CY013278 CAAAGAAAGATAGGAGATATGGAACCAGCATTAAAGCATCAAT  
CY009347 CAAAGAAAGATAGGAGATATGGGCCAGCATTAAAGCATCAAT

2161

AJ404630  
 JX046923  
 CY049984  
 GQ132138.1|  
 CY006674  
 DQ208309  
 CY118921  
 CY113372  
 CY112844  
 CY020452  
 CY021964  
 CY009611  
 CY045779  
 CY010379  
 CY021044  
 CY032268  
 CY080530  
 CY087807  
 CY013278  
 CY009347

2201

AJ404630  
 JX046923  
 CY049984  
 GQ132138.1|  
 CY006674  
 DQ208309  
 CY118921  
 CY113372  
 CY112844  
 CY020452  
 CY021964  
 CY009611  
 CY045779  
 CY010379  
 CY021044  
 CY032268  
 CY080530  
 CY087807  
 CY013278  
 CY009347

2241

AJ404630  
 JX046923  
 CY049984  
 GQ132138.1|  
 CY006674  
 DQ208309  
 CY118921  
 CY113372  
 CY112844  
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 CY032268  
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 CY087807  
 CY013278  
 CY009347

2281

AJ404630	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATTGTTT
JX046923	AAAAGAATTTCGGATGGCCATCAATTAG-----
CY049984	AAAAGAATTTCGGATGGCCATCAATTAG-----
GQ132138.1	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATTGTTT
CY006674	AAAAGAATTTCGGATGGCCATCAATTAAATTTCGAATAAATT
DQ208309	AAAAGAATTTCGGATGGCCATCAATTAG-----
CY118921	AAAAGAATTTCGGATGGCCATCAATTAAATGTTGAATAGTTT
CY113372	AAAAGAATTTCGGATGGCCATCAATTAAATGTTGAATAGTTT
CY112844	AAAAGAATTTCGGATGGCCATTAATTAAATGTTGAATAGTTT
CY020452	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATAG---
CY021964	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATAG---
CY009611	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATAGTTT
CY045779	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATAGTTT
CY010379	AAAAGAATTTCGGATGGCCATCAATTAA-----
CY021044	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATAAATT
CY032268	AAAAGAATTTCGGATGGCCATCAATTAAATGTTGAATAGTTT
CY080530	AAAAGAATTTCGGATGGCCATCAATTAAATGTTGAATAGTTT
CY087807	AAAAGAATTTCGGATGGCCATCAATTAAATGTTGAATAGTTT
CY013278	AAAAGAATTTCGGATGGCCATCAATTAGTGTGGAATAGTTT
CY009347	AAAAGAATTTCGGATGGCCATCAATTAAATGTTGAATAGTTT

2321

AJ404630	AAAAACGACCTTGTTCCTACT
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CY049984	-----
GQ132138.1	AA-----
CY006674	AAAAA-----
DQ208309	-----
CY118921	AAAAACGAC-----
CY113372	AAAAACG-----
CY112844	AAAAACGAC-----
CY020452	-----
CY021964	-----
CY009611	AAAAA-----
CY045779	AAAAACA-----
CY010379	-----
CY021044	A-----
CY032268	AAAAA-----
CY080530	AAAAACGA-----
CY087807	AAAAAC-----
CY013278	AA-----
CY009347	AAAAA-----