# Appendix 1

63 macropod microsatellite loci tested in grey kangaroos (n=12), the number of alleles identified as well as the allele size range, mean fragment length (MFL) in basepairs (bp) are shown for the western grey kangaroo (in bold,) and the eastern grey kangaroo (below). The successful amplification in the western grey kangaroo is also shown by the ticked boxes (Eastern grey values for the G and T loci courtesy of K. Zenger, unpublished data).

| Source species | Loci | Amplified | Size Range (bp) | Mean Fragment Length (bp) | Allele number |
|---|---|---|---|---|---|
| *Macropus giganteus* | G6-1 | ☒ | - | - | - |
| | G12-6 | ☑ | **79-116** | **98** | **10** |
| | | | 90-120 | 103 | 13 |
| | G15-4 | ☑ | **208-242** | **229** | **8** |
| | | | 208-246 | 230 | 13 |
| | G16-1 | ☑ | **150-164** | **157** | **6** |
| | | | 160-182 | 171 | 12 |
| | G16-2 | ☑ | **122-136** | **132** | **7** |
| | | | 123-145 | 132 | 8 |
| | G19-1 | ☒ | - | - | - |
| | | | 179-211 | 194 | 15 |
| | G20-2 | ☑ | **152-162** | **157** | **4** |
| | | | 143-157 | 150 | 8 |
| | G23-1 | ☒ | - | - | - |
| | G26-4 | ☑ | **283-350** | **335** | **16** |
| | | | 259-371 | 318 | 19 |
| | G31-1 | ☑ | **126-141** | **134** | **6** |
| | | | **118-136** | 127 | 10 |
| | G31-3 | ☑ | **103-109** | **106** | **4** |
| | | | 90-160 | 135 | 11 |
| *Macropus eugenii* | T3-1D | ☒ | - | - | - |
| | T3-1T | ☑ | **195-293** | **233** | **11** |
| | | | 149-293 | 213 | 20 |
| | T4-2 | ☑ | **118-120** | **119** | **2** |
| | | | 120-122 | 121 | 2 |

| Source species | Loci | Amplified | Size Range (bp) | Mean Fragment Length (bp) | Allele number |
|---|---|---|---|---|---|
| | T10-1 | ☒ | - | - | - |
| | | | 156 | 156 | 1 |
| | T15-1 | ☑ | **140-169** | **160** | **8** |
| | | | 144-170 | 157 | 11 |
| | T17-2 | ☑ | **124-150** | **137** | **7** |
| | | | 113-142 | 125 | 16 |
| | T19-1 | ☑ | **150-174** | **163** | **9** |
| | | | 119-171 | 147 | 10 |
| | T28-1 | ☑ | **124-132** | **124** | **2** |
| | | | 116-132 | 124 | 3 |
| | T28-3 | ☑ | **128-149** | **138** | **5** |
| | | | 137-147 | 142 | 6 |
| | T30-1 | ☒ | - | - | - |
| | | | 143-239 | 177 | 14 |
| | T31-1 | ☑ | **109-132** | **125** | **8** |
| | | | 122-142 | 130 | 9 |
| | T32-1 | ☑ | **149-165** | **154** | **6** |
| | | | 153-183 | 169 | 14 |
| | T46-2D | ☒ | - | - | - |
| | T46-2T | ☒ | - | - | - |
| | T46-5 | ☑ | **165-174** | **170** | **6** |
| | | | 139-174 | 161 | 7 |
| | T47-1 | ☑ | **144-163** | **144** | **9** |
| | | | 133-163 | 151 | 10 |
| | T47-2 | ☑ | **130-141** | **136** | **3** |
| | | | 133-153 | 143 | 6 |
| | Me1 | ☑ | **151** | **151** | **1** |
| | | | 151 | 151 | **1** |
| | Me2 | ☒ | - | - | - |
| | | | 132-144 | 138 | 7 |
| | Me14 | ☑ | **162-208** | **184** | **10** |
| | Me16 | ☑ | **230-251** | **240** | **5** |
| | | | 216-251 | 223 | 6 |
| | Me17 | ☑ | **124-158** | **139** | **8** |

| Source species | Loci | Amplified | Size Range (bp) | Mean Fragment Length (bp) | Allele number |
|---|---|---|---|---|---|
| | IL5 | ☑ | **118-144** | **125** | **6** |
| | | | 140-174 | 163 | 7 |
| | KJW71 | ☑ | **166-184** | **174** | **4** |
| | | | 166-174 | 172 | 2 |
| | KJW105 | ☑ | **174-180** | **174** | **4** |
| | | | 174-178 | 178 | 3 |
| | KJW117 | ☑ | **148-172** | **168** | **9** |
| | | | 170-190 | 180 | 4 |
| | KJW122 | ☑ | **132-166** | **148** | **6** |
| | | | 144-168 | 154 | 9 |
| | KJW126 | ☑ | **190-196** | **190** | **3** |
| | | | 184-192 | 188 | 4 |
| | KJW174 | ☒ | - | - | - |
| | KJW175 | ☑ | **198-180** | **188** | **6** |
| | | | 192-176 | 188 | 4 |
| | KJW182 | ☑ | **154** | **154** | **1** |
| | | | 154 | 154 | 1 |
| | KJW183 | ☒ | - | - | - |
| | KJW186 | ☑ | **112-128** | **122** | **6** |
| | | | 110-128 | 122 | 7 |
| | KJW192 | ☒ | - | - | - |
| *Petrogale xanthopus* | Y76 | ☑ | **151-154** | **152** | **2** |
| | | | 144-162 | 152 | 4 |
| | Y82 | ☒ | - | - | - |
| | Y148 | ☒ | - | - | - |
| | Y151 | ☑ | **149-204** | **183** | **6** |
| | Y170 | ☒ | - | - | - |
| | | | 122-130 | 125 | 3 |
| | Y175 | ☑ | **230-257** | **244** | **6** |
| *Petrogale assimilis* | Pa55 | ☒ | - | - | - |
| | Pa279 | ☑ | **104-132** | **118** | **8** |

| Source species | Loci | Amplified | Size Range (bp) | Mean Fragment Length (bp) | Allele number |
|---|---|---|---|---|---|
| | Pa385 | ☑ | **158** | **158** | **1** |
| | | | 158 | 158 | 1 |
| | Pa593 | ☒ | - | - | - |
| | | | 112-134 | 120 | 9 |
| | Pa595 | ☑ | **160-210** | **188** | **9** |
| | | | 184-252 | 210 | 9 |
| *Onychogalea fraenata* | B28 | ☒ | - | - | - |
| | B90 | ☑ | **90-118** | **106** | **9** |
| | | | 99-116 | 107 | 7 |
| | B94 | ☑ | **187** | **187** | **1** |
| | | | 187 | 187 | 1 |
| | B95 | ☑ | **218-230** | **225** | **3** |
| | | | - | - | - |
| | B102 | ☒ | - | - | - |
| | B123 | ☑ | **149-162** | **155** | **6** |
| | | | 144-165 | 153 | 6 |
| | B127 | ☑ | **209** | **209** | **1** |
| | | | - | - | - |

# Appendix 2

Mitochondrial DNA control region sequences.

**EF555343**
*Macropus fuliginosus*, #KI1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCCTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555344**
*Macropus fuliginosus*, #KI2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCCTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555345**
*Macropus fuliginosus*, #A1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAACAGTACATATTAACCTAAAACAtTAGCGTATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTCAACTTTTACATAAATACACTAATTCCTTAAATTAC
ATAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCG
GTCGTACCTATCAAATCTCTGACTGGCTAC

**EF555346**
*Macropus fuliginosus*, #A2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGtAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATGTTAACCTAAAACATTAGCATATCTCTA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGATTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCGTTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555347**
*Macropus fuliginosus*, #A3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAAtTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCCAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAATATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555348**
*Macropus fuliginosus*, #A4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAGATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTCACTACATACATTAACCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAACACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTAC
ATAGACATAACATCAATGATTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCGTTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCG
GTCGTACCTATCAAATCTCTGACTGGCTAC

**EF555349**
*Macropus fuliginosus*, #A5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAGATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTCACTACATACATTAACCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGATTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCGTTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555350**
*Macropus fuliginosus*, #A6 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAACAGTACATATTAACCTAAAACAcTAGCGTATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTCAACTTTTACATAAATACACTAATTCCTTAAATTAC
ATAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCG
GTCGTACCTATCAAATCTCTGACTGGCTAC

**EF555351**
*Macropus fuliginosus*, #W1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTCTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555352**
*Macropus fuliginosus*, #W2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATtGCGGT
CGTACCTATCAAATCTCTGACTGGCTAC

**EF555353**
*Macropus fuliginosus*, #W3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAACTAGTACATATTAATCTAAAACATTAGCATATCTCCA
ATAATATTAACTCATACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555354**
*Macropus fuliginosus*, #W4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATTCTAGTAATACATAAAATTAATGGTAACT
AAGACCAACAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCACAAATACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAACCAGTATATATTAATCTAAAACACTAGCATATCTCCA
ATAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTCAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATtGCGGT
CGTACCTATCGAATCTCTGACTGGCTAC

**EF555355**
*Macropus fuliginosus*, #W5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATACAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAAC
CAAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATACAAATCAATTCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTA
AATACATTAACTCAACTGTTACTACATACATTAACCCAAACAGTACATATTAACCTAAAACATTAGCATATCTCC
AACAATATTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTAC
ATAGACATAACATCAATGATTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCGTTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCG
GTCGTACCTATCAAATCTCTGACTGGCTAC

**EF555356**
*Macropus fuliginosus*, #Y1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAACCTAAAACACTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGATTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555357**
*Macropus fuliginosus*, #Y2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CCAAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAA
ACCCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AGATACATTAACTCAACTGTTACTACATACATTAATCTAAACAGTACATATTAACCTAAAACATTAGCATATCTC
CAACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTA
CATAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGC
GGTCGTACCTATCAAATCTCTGACTGGCTAC

**EF555358**
*Macropus fuliginosus*, #Y3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAACCCAAACAGTACATATTAACCTAAAACACTAGCATATCTCC
AACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTAC
ATAGACATAACATCAATGATTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCG
GTCGTACCTATCAAATCTCTGACTGGCTAC

**EF555359**
*Macropus fuliginosus*, #Co1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTA
AATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATATTAATCTAAAACATTAGCATATCTCC
AATAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCCTAAATTAC
ATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555360**
*Macropus fuliginosus*, #Co2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAATATCACTAAATACATTAAACTCAAATCTCACTAAATACATAAAGACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATATTAATCTAAAACATTAGCATATCTC
CAATAATATTAGCTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCCTAAATTA
CATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGcCCATATATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555361**
*Macropus fuliginosus*, #Co3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CCAAGACCAATAACTCAAATCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATATTAATCTAAAACATTAGCATATCTC
CAATAATATCAACTCATACAATACATAAAGACATATAACTCAACTTTTACATAAATACACTAATTCCCTAAATT
ACATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCT
TAACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTG
CGGTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555362**
*Macropus fuliginosus*, #Co4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAGATACATAAAAACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTCACTACATACATTAACCTAACCAGTACATACTAATCTAAAACATTAGCATATCTC
CAATAATATTAACTCACACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTA
CATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGC
GGTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555363**
*Macropus fuliginosus*, #Co5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATTCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAGCCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGATTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555364**
*Macropus fuliginosus*, #Co6 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATTCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAGCCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGcCCATAAATTGCGGT
CGTACCTATCGAATCTCTGACTGGCTAC

**EF555365**
*Macropus fuliginosus*, #Co7 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACaATGAAAAA
CCCCaTATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATATTAATCTAAAACATTAGCATATCTCCA
ATAATATTAGCTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCCTAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555366**
*Macropus fuliginosus*, #Co8 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAATCTTTACCCCTAGCATATAAGTA
AATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATATTAATCTAAAACATTAGCATATCTCC
AATAATATTAGCTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCCTAAATTAC
ATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555367**
*Macropus fuliginosus*, #Co9 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATTCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAGCCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555368**
*Macropus fuliginosus*, #E1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAGAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555369**
*Macropus fuliginosus*, #E2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CCAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATGTTAATCTAAAACATTAGCATATCTC
CAATAATATTAACTCATACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTA
CATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGC
GGTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555370**
*Macropus fuliginosus*, #E3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATTCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555371**
*Macropus fuliginosus*, #E4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACTAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTATTACTACATACATTAATCTAAACAGTACATATTAACCTAAAACATTAGCATATCTTCA
ACAATGTTAACTCATACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAGTTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555372**
*Macropus fuliginosus*, #E5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CCAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATGTTAATCTAAAACATTAGCATATCTC
CAATAATATTAACTCATACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTA
CATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTTCTAGCATATCCTTTCCATTAGTAGTACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGC
GGTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555373**
*Macropus fuliginosus*, #E6 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CCAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATGTTAATCTAAAACATTAGCATATCTC
CAATAATATTAACTCATACAACACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTA
CATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTTCTAGCATATCCTTTCCATTAGTAGTACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGC
GGTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555374**
*Macropus fuliginosus*, #E7 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CCAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATATTAATCTAAAACATTAGCATATCTC
CAATAATATTAACTCATACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTA
CATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGC
GGTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555375**
*Macropus fuliginosus*, #E8 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTGCTACATACATTAATCTAAACAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCCTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555376**
*Macropus fuliginosus*, #E9 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAT
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTCTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555377**
*Macropus fuliginosus*, #E10 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTA
AATACATTAACTCAACTGTTACTACATACACTAACCTAACCAGTACATATTAATCTAAAACATTAGCATATCTCC
AATAATATTAACTCACACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCTTAAATTAC
ATAGACATAACATCAATGACTTGCGAATCTAAAAGCTTACCGTCCTAGCATATCCCTTCCATTAGTAGTACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555378**
*Macropus fuliginosus*, #E11 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555379**
*Macropus fuliginosus*, #G1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAACCAGTACATACTAATCTAAAACACTAGCATATCTTCA
ACAATATTAACTCACACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555380**
*Macropus fuliginosus*, #G2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAATCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAACCAGTACATACTAATCTAAAACATTAGCATATCTTCA
ATAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555381**
*Macropus fuliginosus*, #G3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAATCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAACCAGTACATACTAATCTAAAACACTAGCATATCTTCA
ATAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATtGCGGT
CGTACCTATCAAATCTCTGACTGGCTAC

**EF555382**
*Macropus fuliginosus*, #G4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTATTACTACATACATTAATCTAACCAGTACATACTAATCTAAAACACTAGCATATCTTCA
ACAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555383**
*Macropus fuliginosus*, #G5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAACAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAGTCAATCCATAAACACAACTATGTATAAAGTACATTAAGAACCTTTACCCCTAGCATATAAGTAA
GTACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAACCTAAAACACTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTCAAATTAC
ATAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555384**
*Macropus fuliginosus*, #G6 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTATTACTACATACATTAATCTAACCAGTACATACTAATCTAAAACACTAGCATATCTTCA
ACAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTCAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555385**
*Macropus fuliginosus*, #G7 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATTATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCACT
GCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAAA
TACATTAACTCAACTGTTACTACATACATTAATCTAACCAGTACATACTAATCTAAAACACTAGCATATCTTCAA
CAATATTAACTCACACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACAT
AGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAAC
CCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGGT
CGTACCTATCAAATCTCTGACTGGCTAC

**EF555386**
*Macropus fuliginosus*, #K1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCTATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555387**
*Macropus fuliginosus*, #K2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAGACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCTA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCCTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555388**
*Macropus fuliginosus*, #K3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGCAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555389**
*Macropus fuliginosus*, #K4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAGACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCCTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555390**
*Macropus fuliginosus*, #K5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTaCCTATCACACTCAACTCGCACT
GCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGtAACCA
AGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAACC
CCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAGA
TACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCCAA
CAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACAT
AGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCCTCCATTAGTAATACCTTAAC
CCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGGT
CGTACCTATCAAATCTCTGACTGGCTAC

**EF555391**
*Macropus fuliginosus*, #K6 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555392**
*Macropus fuliginosus*, #K7 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTaCCTATCACACTCAACTCGCACT
GCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGtAACCA
AGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAACC
CCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAGA
TACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCAA
CAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACAT
AGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAAC
CCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGGT
CGTACCTATCGAATCTCTGACTGGCTAC

**EF555393**
*Macropus fuliginosus*, #Bk1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATTCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCGTTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555394**
*Macropus fuliginosus*, #Bk2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555395**
*Macropus fuliginosus*, #CBP1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATCAATCTAAACAGTACATACCAACCTAAAACATTAGCATATCTCTA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTTCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555396**
*Macropus fuliginosus*, #CBP2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATCAATCTAAACAGTACATACCAACCTAAAGCATTAGCATATCTCTA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTTCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGcCCATAAATTGCGGT
CGTACCTATCGAATCTCTGACTGGCTAC

**EF555397**
*Macropus fuliginosus*, #CBP3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATCAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555398**
*Macropus fuliginosus*, #CBP4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATCAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555399**
*Macropus fuliginosus*, #CBP5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTGCATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555400**
*Macropus fuliginosus*, #HL1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555401**
*Macropus fuliginosus*, #HL2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAGTAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555402**
*Macropus fuliginosus*, #Ma1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAGATCAATCCACAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCCAAACAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555403**
*Macropus fuliginosus*, #Ma2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555404**
*Macropus fuliginosus*, #Ma3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAGAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555405**
*Macropus fuliginosus*, #Ma4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCTATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555406**
*Macropus fuliginosus*, #Ma5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAGATCAATCCACAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAACAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555407**
*Macropus fuliginosus*, #Mo1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555408**
*Macropus fuliginosus*, #Mo2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAGATCAATCCACAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCCAAACAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555409**
*Macropus fuliginosus*, #Pb1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCACAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAATCTAAAACACTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555410**
*Macropus fuliginosus*, #Pb2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAATCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTCAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555411**
*Macropus fuliginosus*, #Pb3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCACAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAATCTAAAACACTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACTACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555412**
*Macropus fuliginosus*, #Pb4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAATATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555413**
*Macropus fuliginosus*, #Pb5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTTACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAATCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTCAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555414**
*Macropus fuliginosus*, #PW1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACACTAGCATATCTTCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTACGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555415**
*Macropus fuliginosus*, #PW2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGtAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTCAAATTAC
ATAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555416**
*Macropus fuliginosus*, #P1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAATATCACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAA
ACCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGT
AAATACATTAACTCAACTGTTACTACATACATTAACCTAACCAGTACATATTAATCTAAAACACTAGCATATCTT
CAATAATATTAACTCATACAACACATAAAGACATATTACTTAACTTTTACATAAATACACCAATTCCTTAAATTA
CATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTT
AACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGC
GGTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555417**
*Macropus fuliginosus*, #P2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAACATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAATCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTATATACATCAATCTAACCAGTACATACTAATCTAAGACACTAGCATATCTTCA
ACAATATTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555418**
*Macropus fuliginosus*, #Ab1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCACAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAATCTAAAACACTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555419**
*Macropus fuliginosus*, #SB1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTATTACTATATACATTAATCTAACCAGTACATACTAATCTAAAACACTAGCATATCTTCA
ACAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCAAGTCTCTGACTGGCTAC

**EF555420**
*Macropus fuliginosus*, #SB2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACTATCTATCACACTCGACTCGCAC
TGCCCAAAGTTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTATTACTATATACATTAATCTAACCAGTACATACTAATCTAAAACACTAGCATATCTTCA
ACAATATTAACTCATACAATACATAAAGACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555421**
*Macropus fuliginosus*, #Wa1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGtAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTTACTAAATACATAAAAACAATGAAAAAC
CCCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATATTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATATCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCCTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555422**
*Macropus fuliginosus*, #WH1mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATGACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATATAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTA
AATACATTAACTCAACTGTTACTATATACATTAACCTAACTAGTACATATTAATCTAAAACATTAGCATATCTCC
AATAATATTAACTCATACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTAC
ATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTTCTAGCATATCCTTTCCATTAGTAGTACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555422**
*Macropus fuliginosus*, #WH2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAACAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAGTCAATCCATAAACACAACTATGTATAAAGTACATTAAGAACCTTTACCCCTAGCATATAAGTAA
ATACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATGTTAACCTAAAACATTAGCATATCTCCA
ACAACGTTAACTCACACAATACATAAAAACATAACACTTAACTTTTACATAAATACACTAATTCCTTAAATTAC
ATAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555423**
*Macropus fuliginosus*, WH3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCACACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAACAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAAGTCAATCCATAAACACAACTATGTATAAAGTACATTAAGAACCTTTACCCCTAGCATATAAGTAA
GTACATTAACTCAACTGTTACTACATACATTAACCTAAACAGTACATGTTAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAGATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555424**
*Macropus fuliginosus*, #WH4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATAACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATATAAATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTA
AATACATTAACTCAACTGTTACTACATACATTAACTTAACTAGTACATATCAATTTAAAACATTAGCATATCTCC
AATAATATTAACTCATACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTAC
ATAGACATAACATCAATGACTTGTGAATCTAAGAGCTTACCGTCCTAGCATATCCTTTCCATTAGTAGTACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555425**
*Macropus fuliginosus*, #WH5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAACCATCTATCACACTCGACTCGCAC
TGCCCAAAAATTGGGCGTTTTACATAATATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAA
CTAAGACCAATGACTCAAATATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATATAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTA
AATACATTAACTCAACTGTTACTATATACATTAACCTAACTAGTACATATTAATCTAAAACATTAGCATATCTCC
AATAATATTAACTCATACAATACATAAAGACATATCACTCAACTTTTACATAAATACACTAATTCCCTAAATTAC
ATAGACATAACATCAATGACTTGTGAATCTAAAAGCTTACCGTCCTAGCATATCCTCTCCGTTAGTAGTACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATATATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555426**
*Macropus fuliginosus*, #H1 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555427**
*Macropus fuliginosus*, #H2 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATCAATGGTAAC
CAAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAA
CCCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTCACCCCTAGCATATAAGTA
GATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCC
AACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACATTAATTCCTTAAATTAC
ATAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCG
GTCGTACCTATCGAATCTCTGACTGGCTAC

**EF555428**
*Macropus fuliginosus*, #H3 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAGCTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATGGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555429**
*Macropus fuliginosus*, #H4 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAGCTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

ACXXXXX
*Macropus fuliginosus*, #H5 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTCACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACATTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555431**
*Macropus fuliginosus*, #H6 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTACATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACACTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555432**
*Macropus fuliginosus*, #H7 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CTCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATATCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555433**
*Macropus fuliginosus*, #H8 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555434**
*Macropus fuliginosus*, #H9 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACT
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACACTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555435**
*Macropus fuliginosus*, #H10 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAACTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTATGAATCTAAAAGCTTATCGTTCTAGCATATCCTTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555436**
*Macropus fuliginosus*, #H11 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGATTTTGCCAAATCATTACTTATGTCAGTATTAAGCTACCTATCATACTCAGCTCGCAC
TGCCCAAAATTGGGCGTTTTACATATAATGTATAATATTACATAATCCTAGTAATACATAAAATTAATGGTAACC
AAGACCAATAACTCAAACATTACTAAATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCCATACAGATCAATCCATAAACACAACTATGTATAAAGTACATTAAAAACCTTTACCCCTAGCATATAAGTAG
ATACATTAACTCAACTGTTACTACATACATTAATCTAAATAGTACATGTCAACCTAAAACATTAGCATATCTCCA
ACAATGTTAACTCACACAATACATAAAAACATACCACTTAACTTTTACATAAATACACTAATTCCTTAAATTACA
TAGACATAACATCAATGACTTGTGAATCTAAAAGCCTATCGTTCTAGCATATCCCTTCCATTAGTAATACCTTAA
CCCTCCACTCACGAGAAACCACCATCCCGCCCACCTAGGCACTCTATCCTTCAGAGCAGGCCCATAAATTGCGG
TCGTACCTATCGAATCTCTGACTGGCTAC

**EF555437**
*Macropus giganteus*, #N24 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGGTTTTATCAAATTATTACTTATGTCAGTATTAAGTTACCTATTTCACTCAACTCATATT
GTCCAAAATTGGACGTTTTACATATAATGTATAATCTTACATGATCCTAATAATACATAAAATCAATGATAACC
AAGACTATCAATTTACATATTACTAGATACATTAAACTCAAACCTTACTAAATACATAAAAACAATGAAAAACC
CATACAAATCAATCCATAAACACAACTATGTATAGAGTACATTATAAACCTCTACCCCTAGCATATAAGCAAGT
ATATTAACTCAACTATTACTAAATACATGAACTTAACCAGTACATACAAACCTTAAAATACCAGCATATCTCCA
ATAATCTGTATTCACACAGTACGCAAAAACATAAAACTCAAATTTTACATAAATACATTAATTCCTCCAATTAC
ATAGACATAACATCAATGATTTACGAATCTAAAAGCTTATCGTTCTAGCATATCTCCTCTATTAGTAATACCTTA
ACCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATGAATTGCG
GTCGTACCTATCAAATCTCTGACTGGCTAC

**EF555438**
*Macropus giganteus*, #S27 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTTGCATAGCCTCGGGTTTTATCAAATTATTACCTATGTCAGTATTAAGTTACCTATTTCACTCAACTCATA
TTGTCCAAAACTGGACGTTTTACATATAATGTATAATCTTACATGATCCTAATAATACATAAAATCAATGATAAT
CAAGACTATCAACTTACATATTACTAGATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAAC
CCATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTATAAACCTTCACCCCTAGCATATAAGCAAG
TATATTAACTCAACTATTACTAGATGCATAAGCCTAACTAGTACATATCAACCTAAAACACTAGCGTATCTCTAA
CAGTGTGTATTCATACAGTATATAAAGACATGAAGCTCAAATTTTACATAAACACATTAATTCCTCCAATTACAT
AGACATAACATCAATGATTTATGAATCTAAAAGCTTATCGTTCTAGCATATCTCCCTTATTAGTAATACCTTAAT
CCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATGAATTGCGGT
CGTACCTATCAAATCTCTGACTGGCTAC

**EF555439**
*Macropus giganteus*, #S28 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGGTTTTATCAAATTATTACTTATGTCAGTATTAAGTTACCTATTTCACTCAACTCATATT
GTCCAAAACTGGACGTTTTACATATAATGTATAATCTTACATGATCCTAATAATACATAAAATCAATGATAATC
AAGACTATCAACTTACATATTACTAGATACATTAAACTCAAATCTTACTAAATACATAAAAACAATGAAAAACC
CATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTATAAATCTTCACCCCTAGCATATAAGCAAGT
ATATTAACTCAACTATTACTAGATACATAAACCTAACTAGTACATATCAACCTAAAACACTAGCATATCTCTAA
CAATGTGCGTTCATACAGTATATAAAAACATGAAACTCAAATTTTACATAAATACATTAATTCCTCCAATTACAT
AGACATAACATCAATGATTTATGAATCTAAAAGCTTATCGTTCTAGCATATCTCCCTTATTAGTAATACCTTAAT
CCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATGAATTGCGGT
CGTACCTATCAAATCTCTGACTGGCTAC

**EF555440**
*Macropus giganteus*, #S29 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGGTTTTATCAAATTATTACTTATGTCAGTATTAAGTTACCTATTTCACTCAACTCATATT
GTCCAAAACTGGACGTTTTACATATAATGTATAATCTTACATGATCCTAATAATACATAAAATCAATGATAACC
AAGACTATCAACTTACATATTACTAGATACATTAAACTCAAATCTTACTAAATACATAAAAACAATGAAAAACC
CATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTATAAATCTTCACCCCTAGCATATAAGCAAGT
ATATTAACTCAACTATTACTAGATACATAAACCTAACTAGTACATATCAACCTAAAACACTAGCATATCTCTAA
CAATGTGCATTCATACAGTATATAAAAACATGAAACTCAAATTTTACATAAATACATTAATTCCTCCAATTACAT
AGACATAACATCAATGATTTATGAATCTAAAAGCTTATCGTTCTAGCATATCTCCCTTATTAGTAATACCTTAAT
CCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATGAATTGCGGT
CGTACCTATCAAATCTCTGACTGGCTAC

**EF555441**
*Macropus giganteus*, #S30 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGGTTTTATCAAATTATTACTTATGTCAGTATTAAGTTACCTATTTCACTCAACTCATATT
GTCCAAAACTGGACGTTTTACATATAATGTATAATCTTACATGATCCTAATAATACATAAAATCAATGATAATC
AAGACTATCAACTTACATATTACTAGATACATTAAACTCAAATCTCACTAAATACATAAAAACAATGAAAAACC
CATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTATAAACCTTCACCCCTAGCATATAAGCAAGT
ATATTAACTCAACTATTACTAGATGCATAAGCCTAACTAGTACATATCAACCTAAAACACTAGCGTATCTCTAA
CAGGGGGGATTCCTACAGTATATAAAGACATGGAGCTCAAATTTTACATAAACACATTAATTCCTCCCATTACA
TAGACATAACATCAATGATTTATGAATCTAAAAGCTTATCGTTCTAGCATATCTCCCTTATTAGTAATACCTTAA
TCCTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATGAATTGCGG
TCGTACCTATCAAATCTCTGACTGGCTAC

**EF555442**
*Macropus giganteus*, #S31 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGGTTTTATCAAATTATTACTTATGTCAGTATTAAGTTACCTATTTCACTCAACTCATATT
GTCCAAAACTGGACGTTTTACATATAATGTATAATCTTACATGATCCTAATAATACATAAAATCAATGATAATC
AAGACTATCAACTTACATATTACTAGATACATTAAACTCAAATCTTACTAAATACATAAAAACAATGAAAAACC
CATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTATAAACCTTCACCCCTAGCATATAAGCAAGT
ATATTAACTCAACTATTACTAGATACATAAACCTAACTAGTACATATCAATCTAAAACACTAGCATATCTCTAAC
AATGTGCATTCATACAGTATATAAAAACATGAAACTCAAATTTTACATAAATACATTAATTCCTCCAATTACATA
GACATAACATCAATGATTTATGAATCTAAAAGCTTATCGTTCTAGCATATCTCCCTTATTAGTAATACCTTAATC
CTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATGAATTGCGGTC
GTACCTATCAAATCTCTGACTGGCTAC

**EF555443**
*Macropus giganteus*, #S32 mitochondrial control region haplotype, domain 1, partial sequence.

CCATTTGCATAGCCTCGGTTTTATCAAATTATTACTTATGTCAGTATTAAGTTACCTATTTCACTCAACTCATATT
GTCCAAAATTGGACGTTTTACATATAATGTATAATCTTACATGATCCTAATAATACATAAAATCAATGATAACC
AAGACTATCAACTTACATATTACTAGATACATTAAACTCAAATCTTACTAAATACATAAAAACAATGAAAAACC
CATACAAATCAATCCATAAACACAACTATGTATAAAGTACATTATAAACCTTCACCCCTAGCATATAAGCAAGT
ATACTAACTTAACCATTACTAGATACATAAATCTAACTAGTACATATCAACCTAAAACACCAGCATATCTTTAA
CAATGTGTATTCATACAGTATATAAAAACATGAGACTCAAATTTTACATAAATACATTAATTCCTCCATTACATA
GACATAACATCAATGATTTACGAATCTAAAAGCTTATCGTTCTAGCATATCTCCTCTATTAGTAATACCTTAATC
CTCCACTCACGAGAAACCACCATCCCGCCCATCTAGGCACTCTATCCTTCAGAGCAGGCCCATGAATTGCGGTC
GTACCTATCAAATCTCTGACTGGCTAC

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|---|---|---|
| KI1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| KI2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| A1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| A2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| A3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| A4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| A5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| A6 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| W1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| W2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| W3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAA TAT GTA |
| W4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| W5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAC AAT GTA |
| Y1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Y2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAT AAT GTA |
| Y3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Co1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| Co2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| Co3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| Co4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| Co5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Co6 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Co7 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| Co8 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| Co9 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| E1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| E2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| E3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| E4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| E5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| E6 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| E7 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| E8 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| E9 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| E10 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| E11 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |

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|---|---|
| G1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| G2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| G3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| G4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| G5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| G6 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| G7 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATT ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| K1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| K2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| K3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| K4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| K5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| K6 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| K7 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Bk1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Bk2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| CBP1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| CBP2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| CBP3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| CBP4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| CBP5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| HL1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| HL2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| MA1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| MA2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| MA3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| MA4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| MA5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Mo1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Mo2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Pb1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Pb2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Pb3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Pb4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Pb5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| PW1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| PW2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |

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| P1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAT AAT GTA |
| P2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| Ab1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| SB1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| SB2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CTA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAG -TT GGG CGT TTT ACA TAT AAT GTA |
| Wa1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| WH1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| WH2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| WH3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ACA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| WH4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| WH5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAA CCA TCT ATC ACA CTC GAC TCG CAC TGC CCA AAA ATT GGG CGT TTT ACA TAA TAT GTA |
| H1 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H2 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H3 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AGC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H4 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AGC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H5 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H6 | CCA TTT ACA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H7 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H8 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H9 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H10 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AAC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| H11 | CCA TTT GCA TAG CCT CGA TTT TGC CAA ATC ATT ACT TAT GTC AGT ATT AAG CTA CCT ATC ATA CTC AGC TCG CAC TGC CCA AAA -TT GGG CGT TTT ACA TAT AAT GTA |
| | 1 108 |

| | 109 | 216 |
|---|---|---|
| KI1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| KI2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| A1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| A2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| A3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| A4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA GAT ACA TAA AAA CAA |
| A5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA GAT ACA TAA AAA CAA |
| A6 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| W1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| W2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| W3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| W4 | TAA TAT TAC ATA ATT CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA CAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| W5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Y1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Y2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Y3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Co1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Co2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT CAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AGA CAA |
| Co3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Co4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA GAT ACA TAA AAA CAA |
| Co5 | TAA TAT TAC ATA ATT CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Co6 | TAA TAT TAC ATA ATT CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Co7 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Co8 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Co9 | TAA TAT TAC ATA ATT CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC TAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E6 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E7 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E8 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E9 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E10 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| E11 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |

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| G1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| G2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| G3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| G4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| G5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA CAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| G6 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| G7 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| K1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| K2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| K3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| K4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| K5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| K6 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| K7 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Bk1 | TAA TAT TAC ATA ATT CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Bk2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| CBP1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| CBP2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| CBP3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| CBP4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| CBP5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| HL1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| HL2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| MA1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| MA2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| MA3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| MA4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| MA5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Mo1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Mo2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Pb1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Pb2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Pb3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Pb4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Pb5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TTA CTA AAT ACA TAA AAA CAA |
| PW1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| PW2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |

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| P1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT CAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| P2 | TAA CAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Ab1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| SB1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| SB2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| Wa1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TTA CTA AAT ACA TAA AAA CAA |
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| WH3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA CAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| WH4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| WH5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TGA CTC AAA TAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H1 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H2 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATC AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H3 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H4 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H5 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H6 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H7 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H8 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H9 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC TAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H10 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| H11 | TAA TAT TAC ATA ATC CTA GTA ATA CAT AAA ATT AAT GGT AAC CAA GAC CAA TAA CTC AAA CAT TAC TAA ATA CAT TAA ACT CAA ATC TCA CTA AAT ACA TAA AAA CAA |
| | 109 216 |

| | 217 324 |
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| KI1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| KI2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| A1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| A2 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| A3 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| A4 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TCA CTA CAT |
| A5 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TCA CTA CAT |
| A6 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| W1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| W2 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| W3 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| W4 | TGA AAA ACC CCA TAT AAA TCA ATC CAC AAA TAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| W5 | TGA AAA ACC CCA TAC AAA TCA ATT CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Y1 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Y2 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Y3 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co1 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co2 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co3 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co4 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TCA CTA CAT |
| Co5 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co6 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co7 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co8 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ATC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Co9 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAG AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E2 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E3 | TGA AAA ACC CCA TAC AAA TCA ATT CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E4 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTA TTA CTA CAT |
| E5 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E6 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E7 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E8 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTG CTA CAT |
| E9 | TGA AAA ATC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TCT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E10 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| E11 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |

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| G1 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| G2 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ATC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| G3 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ATC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| G4 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTA TTA CTA CAT |
| G5 | TGA AAA ACC CCA TAC AAG TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AGA ACC TTT ACC CCT AGC ATA TAA GTA AGT ACA TTA ACT CAA CTG TTA CTA CAT |
| G6 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTA TTA CTA CAT |
| G7 | TGA AAA ACC C-A TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| K1 | TGA AAA ACC CTA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| K2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAG ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| K3 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GCA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| K4 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAG ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| K5 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| K6 | TGA AAA ACC CCA TAT AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| K7 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Bk1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Bk2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| CBP1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| CBP2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| CBP3 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| CBP4 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| CBP5 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| HL1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| HL2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| MA1 | TGA AAA ACC CCA TAT AGA TCA ATC CAC AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| MA2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| MA3 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| MA4 | TGA AAA ACC CTA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| MA5 | TGA AAA ACC CCA TAT AGA TCA ATC CAC AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Mo1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Mo2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Pb1 | TGA AAA ACC CCA TAC AGA TCA ATC CAC AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Pb2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Pb3 | TGA AAA ACC CCA TAC AAA TCA ATC CAC AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Pb4 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| Pb5 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| PW1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| PW2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |

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| P1 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| P2 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ATC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA TAT |
| Ab1 | TGA AAA ACC CCA TAC AGA TCA ATC CAC AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| SB1 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTA TTA CTA TAT |
| SB2 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTA TTA CTA TAT |
| Wa1 | TGA AAA ACC CCA TAC AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| WH1 | TGA AAA ACC CCA TAT AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA TAT |
| WH2 | TGA AAA ACC CCA TAC AAG TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AGA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| WH3 | TGA AAA ACC CCA TAC AAG TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AGA ACC TTT ACC CCT AGC ATA TAA GTA AGT ACA TTA ACT CAA CTG TTA CTA CAT |
| WH4 | TGA AAA ACC CCA TAT AAA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA CAT |
| WH5 | TGA AAA ACC CCA TAT AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA AAT ACA TTA ACT CAA CTG TTA CTA TAT |
| H1 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H2 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTC ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H3 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H4 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H5 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTC ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H6 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H7 | TGA AAA ACC TCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H8 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H9 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H10 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| H11 | TGA AAA ACC CCA TAC AGA TCA ATC CAT AAA CAC AAC TAT GTA TAA AGT ACA TTA AAA ACC TTT ACC CCT AGC ATA TAA GTA GAT ACA TTA ACT CAA CTG TTA CTA CAT |
| | 217 324 |

| | 325 | 432 |
|---|---|---|
| KI1 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TCA ACT TTT ACA TAA ATA CAC | |
| KI2 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| A1 | ACA TTA ATC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCG TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TCA ACT TTT ACA TAA ATA CAC | |
| A2 | ACA TTA ACC TAA ACA GTA CAT GTT AAC CT- AAA ACA TTA GCA TAT CTC TAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| A3 | ACA TTA ATC CAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| A4 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA CAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| A5 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| A6 | ACA TTA ATC TAA ACA GTA CAT ATT AAC CT- AAA ACA CTA GCG TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TCA ACT TTT ACA TAA ATA CAC | |
| W1 | ACA TTA ATC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| W2 | ACA TTA ATC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| W3 | ACA TTA ACC TAA CTA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC | |
| W4 | ACA TTA ATC TAA CCA GTA TAT ATT AAT CT- AAA ACA CTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| W5 | ACA TTA ACC CAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TAT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| Y1 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Y2 | ACA TTA ATC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| Y3 | ACA TTA ACC CAA ACA GTA CAT ATT AAC CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Co1 | ACA TTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Co2 | ACA TTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAG CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Co3 | ACA TTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT CAA CTC ATA CAA TAC ATA AAG ACA TAT AAC TCA ACT TTT ACA TAA ATA CAC | |
| Co4 | ACA TTA ACC TAA CCA GTA CAT ACT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ACA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC | |
| Co5 | ACA TTA ACC TAA ACA GTA CAT ATT AGC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Co6 | ACA TTA ACC TAA ACA GTA CAT ATT AGC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Co7 | ACA TTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAG CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Co8 | ACA TTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAG CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| Co9 | ACA TTA ACC TAA ACA GTA CAT ATT AGC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| E1 | ACA TTA ACC TAA ACA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| E2 | ACA TTA ACC TAA CCA GTA CAT GTT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC | |
| E3 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| E4 | ACA TTA ATC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTT CAA CAA TGT TAA CTC ATA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| E5 | ACA TTA ACC TAA CCA GTA CAT GTT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC | |
| E6 | ACA TTA ACC TAA CCA GTA CAT GTT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA CAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC | |
| E7 | ACA TTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC | |
| E8 | ACA TTA ATC TAA ACA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |
| E9 | ACA TTA ATC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC | |
| E10 | ACA CTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ACA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC | |
| E11 | ACA TTA ACC TAA ACA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC | |

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| G1 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA CTA GCA TAT CTT CAA CAA TAT TAA CTC ACA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| G2 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA TTA GCA TAT CTT CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| G3 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA CTA GCA TAT CTT CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| G4 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA CTA GCA TAT CTT CAA CAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| G5 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| G6 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA CTA GCA TAT CTT CAA CAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| G7 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA CTA GCA TAT CTT CAA CAA TAT TAA CTC ACA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| K1 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| K2 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC TAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| K3 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| K4 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| K5 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| K6 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| K7 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Bk1 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Bk2 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| CBP1 | ACA TCA ATC TAA ACA GTA CAT ACC AAC CT- AAA ACA TTA GCA TAT CTC TAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| CBP2 | ACA TCA ATC TAA ACA GTA CAT ACC AAC CT- AAA GCA TTA GCA TAT CTC TAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| CBP3 | ACA TCA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| CBP4 | ACA TCA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| CBP5 | ACA TTA ATC TAA ATA GTG CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| HL1 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| HL2 | ACA TTA ATC TAA GTA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| MA1 | ACA TTA ATC CAA ACA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| MA2 | ACA TTA ATC TAA ATA GTA CAT GTT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| MA3 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| MA4 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| MA5 | ACA TTA ATC TAA ACA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Mo1 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Mo2 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Pb1 | ACA TTA ATC TAA ATA GTA CAT ATC AAT CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Pb2 | ACA TTA ATC TAA ATA GTA CAT GTC AAT CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Pb3 | ACA TTA ATC TAA ATA GTA CAT ATC AAT CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC TAC TTA ACT TTT ACA TAA ATA CAC |
| Pb4 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| Pb5 | ACA TTA ATC TAA ATA GTA CAT GTC AAT CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| PW1 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA CTA GCA TAT CTT CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| PW2 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |

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| P1 | ACA TTA ACC TAA CCA GTA CAT ATT AAT CT- AAA ACA CTA GCA TAT CTT CAA TAA TAT TAA CTC ATA CAA CAC ATA AAG ACA TAT TAC TTA ACT TTT ACA TAA ATA CAC |
| P2 | ACA TCA ATC TAA CCA GTA CAT ACT AAT CT- AAG ACA CTA GCA TAT CTT CAA CAA TAT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| Ab1 | ACA TTA ATC TAA ATA GTA CAT ATC AAT CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| SB1 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA CTA GCA TAT CTT CAA CAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| SB2 | ACA TTA ATC TAA CCA GTA CAT ACT AAT CT- AAA ACA CTA GCA TAT CTT CAA CAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| Wa1 | ACA TTA ACC TAA ACA GTA CAT ATT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAT CAC TTA ACT TTT ACA TAA ATA CAC |
| WH1 | ACA TTA ACC TAA CTA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC |
| WH2 | ACA TTA ACC TAA ACA GTA CAT GTT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA CGT TAA CTC ACA CAA TAC ATA AAA ACA TAA CAC TTA ACT TTT ACA TAA ATA CAC |
| WH3 | ACA TTA ACC TAA ACA GTA CAT GTT AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| WH4 | ACA TTA ACT TAA CTA GTA CAT ATC AAT TT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC |
| WH5 | ACA TTA ACC TAA CTA GTA CAT ATT AAT CT- AAA ACA TTA GCA TAT CTC CAA TAA TAT TAA CTC ATA CAA TAC ATA AAG ACA TAT CAC TCA ACT TTT ACA TAA ATA CAC |
| H1 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H2 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAT |
| H3 | ACA TTA ATC TAA ATG GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H4 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H5 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAT |
| H6 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H7 | ACA TTA ATC TAA ATA GTA CAT ATC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H8 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H9 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA CTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H10 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| H11 | ACA TTA ATC TAA ATA GTA CAT GTC AAC CT- AAA ACA TTA GCA TAT CTC CAA CAA TGT TAA CTC ACA CAA TAC ATA AAA ACA TAC CAC TTA ACT TTT ACA TAA ATA CAC |
| | 325 432 |

| | 433 540 |
|---|---|
| KI1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC CTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| KI2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC CTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| A1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| A2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAT TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CGT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| A3 | TAA TTC CTT AAA TTA CAT AGA CAT AAT ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| A4 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAT TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CGT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| A5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAT TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CGT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| A6 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| W1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT CTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| W2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| W3 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| W4 | TAA TTC CTC AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| W5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAT TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CGT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Y1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAT TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Y2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Y3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAT TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Co1 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| Co2 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| Co3 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| Co4 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| Co5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAT TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Co6 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Co7 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| Co8 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| Co9 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| E1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| E2 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| E3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| E4 | TAG TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| E5 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTT CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| E6 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTT CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| E7 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| E8 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC CTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| E9 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| E10 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG CGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCC TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| E11 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |

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| G1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| G2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| G3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| G4 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| G5 | TAA TTC CTC AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| G6 | TAA TTC CTC AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| G7 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| K1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| K2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC CTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| K3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| K4 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC CTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| K5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC CTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| K6 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| K7 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Bk1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CGT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Bk2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| CBP1 | TAA TTT CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| CBP2 | TAA TTT CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| CBP3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| CBP4 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| CBP5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| HL1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| HL2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| MA1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| MA2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| MA3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA GAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| MA4 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| MA5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Mo1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Mo2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Pb1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Pb2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTC AAC CCT CCA CTC ACG AGA |
| Pb3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Pb4 | TAA TTC CTT AAA TTA CAT AGA CAT AAT ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Pb5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTC AAC CCT CCA CTC ACG AGA |
| PW1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA CGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| PW2 | TAA TTC CTC AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |

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| P1 | CAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| P2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Ab1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| SB1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| SB2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| Wa1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| WH1 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTT CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| WH2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| WH3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| WH4 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA GAG CTT ACC GTC CTA GCA TAT CCT TTC CAT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| WH5 | TAA TTC CCT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CTT ACC GTC CTA GCA TAT CCT CTC CGT TAG TAG TAC CTT AAC CCT CCA CTC ACG AGA |
| H1 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H2 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H3 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H4 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H5 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H6 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H7 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H8 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H9 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H10 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTA TGA ATC TAA AAG CTT ATC GTT CTA GCA TAT CCT TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |
| H11 | TAA TTC CTT AAA TTA CAT AGA CAT AAC ATC AAT GAC TTG TGA ATC TAA AAG CCT ATC GTT CTA GCA TAT CCC TTC CAT TAG TAA TAC CTT AAC CCT CCA CTC ACG AGA |

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| KI1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| KI2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| A1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| A2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| A3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| A4 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| A5 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| A6 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| W1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| W2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| W3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| W4 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| W5 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| Y1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| Y2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| Y3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| Co1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co4 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co5 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co6 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co7 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co8 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Co9 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E4 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| E5 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E6 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E7 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E8 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E9 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| E10 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| E11 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |

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| G1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| G2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| G3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| G4 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| G5 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| G6 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| G7 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| K1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| K2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| K3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| K4 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| K5 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| K6 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| K7 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Bk1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Bk2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| CBP1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| CBP2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| CBP3 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| CBP4 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| CBP5 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| HL1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| HL2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| MA1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| MA2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| MA3 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| MA4 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| MA5 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Mo1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Mo2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Pb1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Pb2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Pb3 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Pb4 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Pb5 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| PW1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| PW2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |

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| P1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| P2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| Ab1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| SB1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAG TCT CTG ACT GGC TAC |
| SB2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| Wa1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| WH1 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| WH2 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| WH3 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAG ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| WH4 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| WH5 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAT ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H1 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| H2 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H3 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H4 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H5 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H6 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H7 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H8 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC AAA TCT CTG ACT GGC TAC |
| H9 | AAC CAC CAT CCC GCC CAT CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H10 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| H11 | AAC CAC CAT CCC GCC CAC CTA GGC ACT CTA TCC TTC AGA GCA GGC CCA TAA ATT GCG GTC GTA CCT ATC GAA TCT CTG ACT GGC TAC |
| | 541 627 |