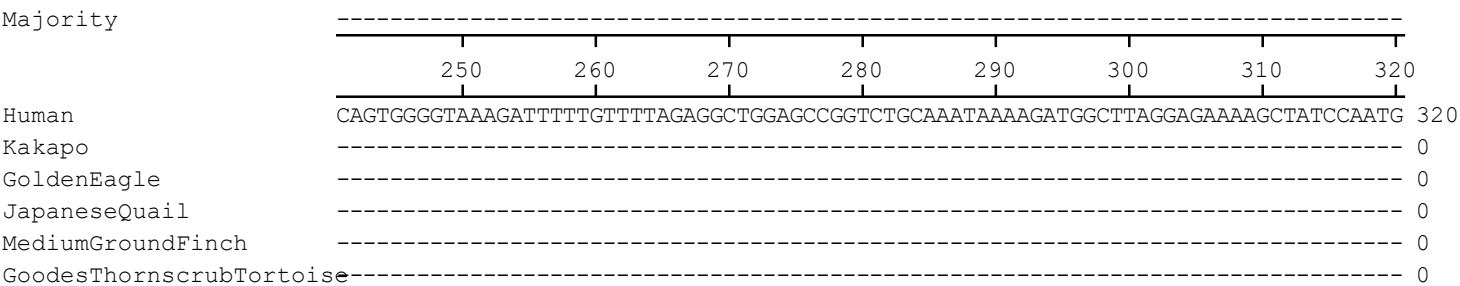
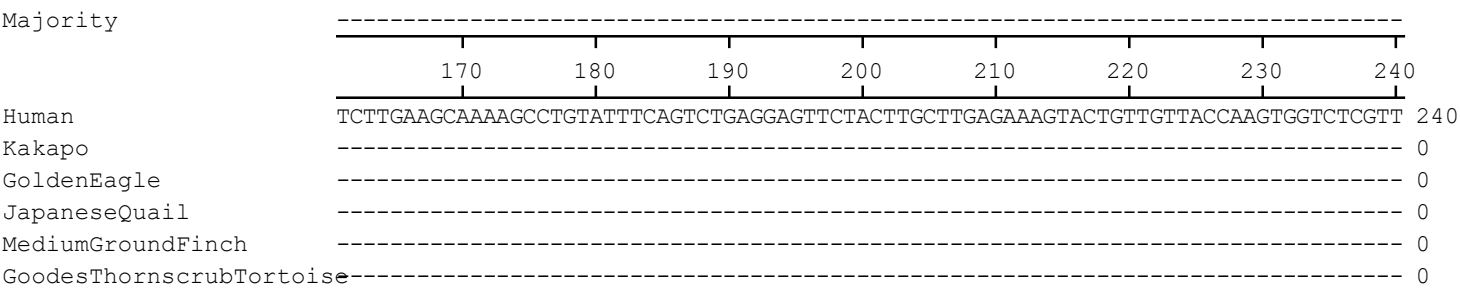
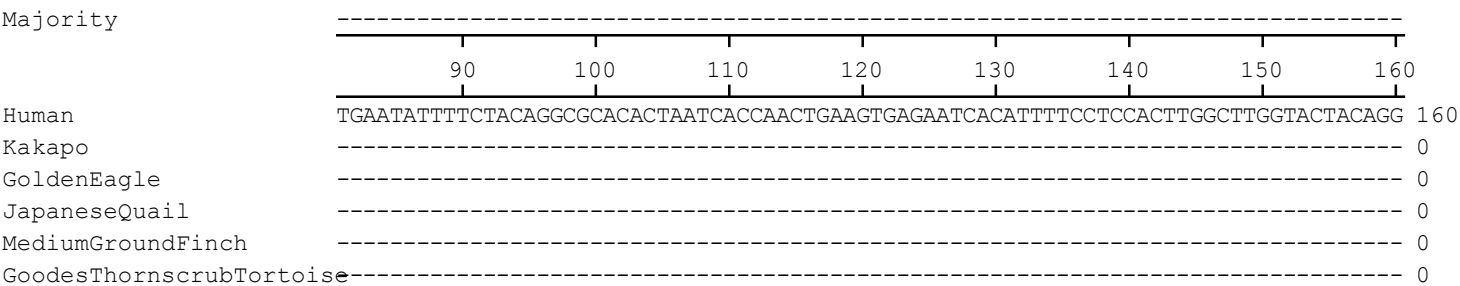
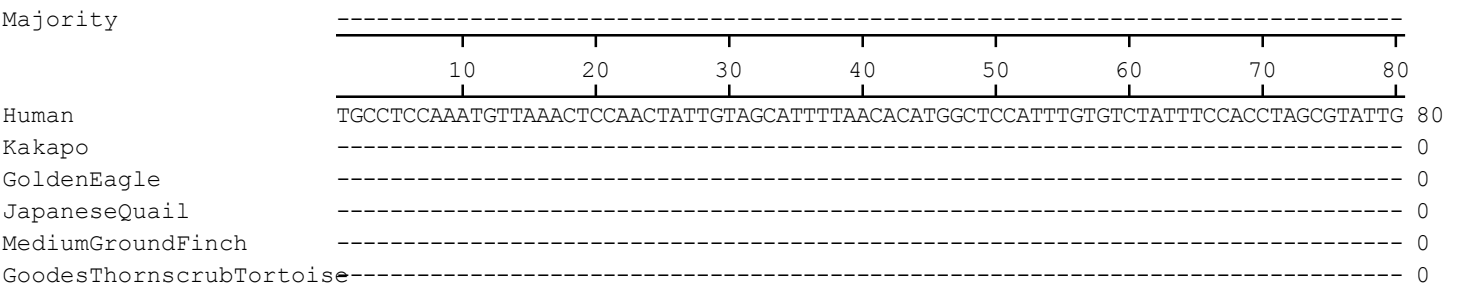


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```
Majority -----
      330      340      350      360      370      380      390      400
Human  TTTTTCCTTGGCCCGCATAGGTTGACGGTAGCCAAGCTGGTACTTGGCTTGGAGTGAAAAGTGGAGGCTGCCTGGGGGC 400
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
```

```
Majority -----
      410      420      430      440      450      460      470      480
Human  GTCCTGCAGTCAGGGCAGAGAGAGTGTGGAGAGCTGTTGGGAGGTGTCCCACCCACGCCCCACAAGGAGGGGAAACCAG 480
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
```

```
Majority -----
      490      500      510      520      530      540      550      560
Human  GTCGCCGCGGTCTGCAGCAGAACGCCAGGTTCCAGAGGACGGCAGGCGGAGGGCGGAGGGAGAAAGGCGCGGAAGGCGC 560
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
```

```
Majority -----
      570      580      590      600      610      620      630      640
Human  GGAGGAGGCGTCGGCTGCGGCGCCCACTCCCCCTAGTCCCAGCGCCCTGCCGCTCGCCTCCCCTGCCGGGCGCCGGCGC 640
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
```

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```

Majority -----
      650      660      670      680      690      700      710      720
Human  GCTCGGCTCTTTCCGCGCCCGCCGCTGCCGCGCGGTGGCCCGTGCGCCTCGGCACCTTCGGCAATTTCCGTCGGGCCCCA 720
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
      730      740      750      760      770      780      790      800
Human  GCCGCCATTTTCTCGCCGCTTGTTGTGGCTCGCTGGCTGCGTGGCTCGGTTCTTGTGAGCGAAGCTTTGTCCGGTTCGGCA 800
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
      810      820      830      840      850      860      870      880
Human  ATGGACGGGTATGTAATCGGGCCGGCGAGAAGGTGTGTGTGAGAGAGGAGTTGGACCGTCCTTCGGCCCGGTCCCAGGGCC 880
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
      890      900      910      920      930      940      950      960
Human  GGGGAGAAACCCTCCCGCGGCCCTCCAGGGCTGGGCTGCCGTTACCCAACCCCGCCCCATCGCACACACCCTCCCT 960
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

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```

Majority -----
          970      980      990      1000      1010      1020      1030      1040
Human      TTGCTTCCCCCGGGCGGGCTTTGGTTCGAGAAAATGAGAAGAAAGCGGGGCTTGGAGGCTGGGGAGGCATAGGGGCGATGGCG 1040
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
          1050      1060      1070      1080      1090      1100      1110      1120
Human      GGGGTGAGGATCCCCGAGTGGGAGCGGGCACCGGCTTGGCGGGGGGGATGGGGTGGGAACCCCATACGTCTCCCCGGT 1120
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
          1130      1140      1150      1160      1170      1180      1190      1200
Human      CTGTCCCTGCCCCCTTAGGAGCCATTTTCGATCCGTACCTTGGGACCCGACCCTTGGGTTAGCGGTGCCTGTGAGAGCGA 1200
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
          1210      1220      1230      1240      1250      1260      1270      1280
Human      GTGGGATGGGCAGAGACAGGCCTTTGGATTGGGGGAGCCTCTAGGGGAAGAGGAGAGAGGCACCCCATGTGGACCCAGC 1280
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

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```

Majority      -----
              |-----|
              |1290  1300  1310  1320  1330  1340  1350  1360|
              |-----|
Human          CATGAGCAACCTCTCCGGCCTCGCCCGGCCCTCCGTGGTCGGGAGAGATGCCGGTGGCGGGAGCTCCGGGGAAAGCCTAG 1360
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority      -----
              |-----|
              |1370  1380  1390  1400  1410  1420  1430  1440|
              |-----|
Human          TGGGAGCCGCTGGGGAAGGGGGAGGGCGTGCGGCGGGCGGAGGAAGGGGGAGGGCAGATGTCATACTCCTTTGTTTTCA 1440
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority      -----
              |-----|
              |1450  1460  1470  1480  1490  1500  1510  1520|
              |-----|
Human          TTTGAGTCTGGTAGTGGGGCGGGAGGGAGGAAAAATGCCTTTTTGTGGGGACTGAAAACATTCAAGGCTTGGCAAAAG 1520
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority      -----
              |-----|
              |1530  1540  1550  1560  1570  1580  1590  1600|
              |-----|
Human          GGCCAGAAATTAATCATCTAAAAACGAAGTGTTTGAAGCCGACATCAGTCACATGGGCAAAGGCCAACAGCAATGGC 1600
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

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```

Majority -----
                1610      1620      1630      1640      1650      1660      1670      1680
Human          AGAAACAAGAGCAGATAGTCAACAAAGGGCTATCTCTTTAGCTACTTTGGTCAGTTTCTGGAAAAACGACTATAAAAACC 1680
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
                1690      1700      1710      1720      1730      1740      1750      1760
Human          CAGAACCATGCTGCATCTTTGCGAACCTGAGTCAAGACGGAATGCTGAGTGAGGTGAGAGGCAAGACTGTGAAATGGTAG 1760
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
                1770      1780      1790      1800      1810      1820      1830      1840
Human          GGACCGATGTCTCGCTCATATGCTTCACACCTGAAAAGACTCAGTAATTTAACTCAATGTTAGAAAGGGGGCACGCTTAA 1840
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
                1850      1860      1870      1880      1890      1900      1910      1920
Human          GGTCAAAAATACAGCAGTATGCAGCTCTTTGGGAGTGTAACATAGTATCATTTAACAAGTACATTTATTAATAATCAGT 1920
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

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Majority -----
 1930 1940 1950 1960 1970 1980 1990 2000
 Human GAGTATTTGAAGAATCAACAATTTGGTTAAGCGCCTAGAGTTTGGTGTGTTTTAAAAGGTACTAAAAACAAGATTTTATA 2000
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoise----- 0

Majority -----
 2010 2020 2030 2040 2050 2060 2070 2080
 Human AAAGTTAACACAGTCTCACAGAATTCAAATCATCCTAGATGTTACCTAAAGATTATTTTCCAGATGAAACAAATCCAGAG 2080
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoise----- 0

Majority -----
 2090 2100 2110 2120 2130 2140 2150 2160
 Human AAGTTCAGTATTCCCCCAGATCAACACGGAAATTGATGTCAAAACTTGCACTAGAATTCATGTTTCCTGATTCCCTGGTT 2160
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoise----- 0

Majority -----
 2170 2180 2190 2200 2210 2220 2230 2240
 Human CCTGTGGAGACTACTAAAGAGTTTAAGCGTTAAATTATTAATCTCAGTATACTGGCATTGTAGAAATGGCATAGTGTTTT 2240
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoise----- 0

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```

Majority -----
      2250      2260      2270      2280      2290      2300      2310      2320
Human  GGGTTTTGTTCTTTTTGGCTATTGAATGTGTTGTTAAAAAATACCACAAGTTGTCTCACATTTGAAAGTTACTTTTAGAA 2320
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise----- 0
    
```

```

Majority -----
      2330      2340      2350      2360      2370      2380      2390      2400
Human  AACCAGGTTGGTAACAGTACAGGTAAGTCACGGATCATCTGTGGTATTTTTTATCCCATCTGTGTGTGAGTGGCTGGAA 2400
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise----- 0
    
```

```

Majority -----
      2410      2420      2430      2440      2450      2460      2470      2480
Human  GATTTATGAATGATGGACTATCCTAAAAAGTTTTAGAGCCAAAGAGTGAGTGATTAGAAGAATAACAGGAGGTTGAAACT 2480
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise----- 0
    
```

```

Majority -----
      2490      2500      2510      2520      2530      2540      2550      2560
Human  ACTTATTTTTTCTTTGCAGAATCGTCACTGAGGTTGCAGTTGGCGTGAAGGTAGGAAAATACTATGTTTGAAACTGGGAT 2560
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise----- 0
    
```


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```

Majority      -----
              |-----|
              |2570  2580  2590  2600  2610  2620  2630  2640|
              |-----|
Human          TGTTGGATCTATTATCATAATTACTGGAAAATTTTAGCTTTTGCTTTTGAAAACATAACGTAGCTAACAAAACCCAAGT 2640
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority      -----
              |-----|
              |2650  2660  2670  2680  2690  2700  2710  2720|
              |-----|
Human          GTAAAATGTTTCCTTTTCATTTGTAAGTTGGACCATATAAACAGTTTGTAAATCACCATAAGTTTTTCTAGAACTGTCAGT 2720
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority      -----
              |-----|
              |2730  2740  2750  2760  2770  2780  2790  2800|
              |-----|
Human          CTGTAAGAATAACCTTTTAAAGTAAGTATGAATGATCAAGAAATGAAAATGCTTTCACACATGGCTTCTTGTAAATATAA 2800
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority      -----
              |-----|
              |2810  2820  2830  2840  2850  2860  2870  2880|
              |-----|
Human          AACGATACCCCAATTTTCTGAGGGGAAATAATGATTTTAAATGGATGGTAAGTGGTTTGACCTATATCTTATAATTTTGT 2880
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

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```

Majority -----
                2890      2900      2910      2920      2930      2940      2950      2960
Human           TAATCTAAGTTTTTTGTTTTTTATTACTTTTTGTCATGAAAATGAATATATTTTGGTTAATAATAAAGCACATTAGAAAT 2960
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
                2970      2980      2990      3000      3010      3020      3030      3040
Human           GAATTACACTGATCCTTAAAAAGGAAGTTGTTGAGGCAGTTAGCTTCAAATTTGAATTAGAAGTTAAGAGCTGGTTTGTC 3040
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
                3050      3060      3070      3080      3090      3100      3110      3120
Human           TATTAAAGAAAGTCCTTATGGTAGAGATCCTTTGGAATCCTTCCTTTTTGGCTAAGAAAAC TACTCATCGTTTAAACTTT 3120
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
                3130      3140      3150      3160      3170      3180      3190      3200
Human           AGTTCTAATGCTTAACATTTTCTTGAGTACTTGCAACTTTTAATGTCATGATGTATTGTAATTTTTTTTGGTTTTTTGTT 3200
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

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```

Majority -----
      3210      3220      3230      3240      3250      3260      3270      3280
Human  TTTTGGAGACGGAGCCTCACTCTGTTGCCAGGCTGGATGCAGTGGCACGATCTTGGCCACTGCAACCTCTGCCTCTCTG 3280
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
      3290      3300      3310      3320      3330      3340      3350      3360
Human  GGTTC AAGCAGTTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAGGTGCGCACCACCACGCCAGCTAATTTGTAT 3360
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
      3370      3380      3390      3400      3410      3420      3430      3440
Human  TTTTAGTAGAAATGGCATTTCACCCTGTGGTCAGGCTGGTCTCAAACCTCCTGACCTCATGATCTGCCTGCCTCTTATGA 3440
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ----- 0
    
```

```

Majority -----
      3450      3460      3470      3480      3490      3500      3510      3520
Human  TCTGCCTGCCTTGACCTCCCAAAGTGCTGGGATTACAAGTGTGAGCCACCGTGCCCGGCTGTATTGTCATTTTTCATTT 3520
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise -----GACAAATTTGAATGTAGACACATGCATCAGTAGGTTGATGCA 42
    
```

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```

Majority -----
                3530   3540   3550   3560   3570   3580   3590   3600
Human          GCAAGCCTCTCTGTCTGAGAGGCTTTCTGCTTAGTCCAGTGATGCTGACTGTTCAAACATTTTTTCGAATTCTTAAAAT 3600
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGGCAATTTTTGTGAACGTAACTTTGTAGTGTAGACCAAGGGTGGGCAACTTGTGGGCCGCGAGACTGTTTATTTACATT 122
    
```

```

Majority -----
                3610   3620   3630   3640   3650   3660   3670   3680
Human          TGTATCCATAATGGGGGGAGGGGAAGGGATAGCATTGGGAGATATAGGGGGGAGGGGGAGGGATAGCTTTAGGAGATA 3680
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGACTGGCTGCAGCTCCCAGTGTCCGTGGTTTGCCATTCCCGGACAATGGGAGCTGAAGGAAGTGGTGACCAGCATGTCTC 202
    
```

```

Majority -----
                3690   3700   3710   3720   3730   3740   3750   3760
Human          TACCTAATGCTAAATGACAAGTTAATGGGTGCAGCACACCAACATGGCACATGTATACATATGTAACAAACCTGCACGTT 3760
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGCCAAAACCATGAGGTGGGACTCAGGAAATCATGGGATTGGTTTAAAAATCATGAGACTATTTTTTTTAAACAAAATGT 282
    
```

```

Majority -----
                3770   3780   3790   3800   3810   3820   3830   3840
Human          GTACTCATGTACCCTAAAACCTTAAAGTATAATAATGATAATAATAATTGTATCCATAATGATGTGGTGTCTTTCAAATA 3840
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATGTTGAGATCTCTTTATTTTCTGTGGTTTTTGAGCCCTTATATTACCTTTGGTTTACATTTTTTAAAGCTTTTCTCCA 362
    
```

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```

Majority -----
                3850      3860      3870      3880      3890      3900      3910      3920
Human          CTTTGGGGATGGTACTGTGTTTTCTTGCTTATTTTCTGTCTCTTTCCTATAGTGAATAGATATTTGCCCATTCCTTA 3920
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AAACACAAAGGTTAGAAACTTTTTTTTTTCAAAAAAATGAAAGCTGAGATTTTCCATAATCAGCCATCTCCAGGAGA 442
    
```

```

Majority -----
                3930      3940      3950      3960      3970      3980      3990      4000
Human          GGCTTGTTTCTTGAGTTCATTTGTACAGACTAAAGGAGGAATAATACGCTCTTTTTGGTGATAGTATTTCCAAGTTGA 4000
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TTGGATATAAGTAAATATCAAATATTGCAAGATTCACCTAAACAGAGAGAGTTTGCAATACTGTGAAACCAAACAT 522
    
```

```

Majority -----
                4010      4020      4030      4040      4050      4060      4070      4080
Human          GTTAGTCATGGGATTTAAATCAGGAATAGCTAAAGATTGCAAAATGGTAGATGTTGTAGGTTCCATCCAAACAGATTTTC 4080
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @CTATTAAATGGCCTTGTAGTGTTAATATACCTAGGTTAGATTTAGGCCAAATCCTGCAATCTACAACATTTCCGGGACT 602
    
```

```

Majority -----
                4090      4100      4110      4120      4130      4140      4150      4160
Human          TGTAATTTTGTAAAAGAATAAATGATACAAGTGTGAGTTGTTCGACTGTTAGTGAAAAGGAGAGGAGTTGTAGACAAG 4160
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TTGTAGCCATGAGGAGTCCCAATGACTTCAAAAGGATCATTGACCAATAAGGCTAATGACTCTTACATATTGCGCAACA 682
    
```

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```

Majority -----
                4170      4180      4190      4200      4210      4220      4230      4240
Human          GCTCAGAATGAGTAGACAGGAAAAAACTGAGGAGACTTGGAAATAGGATGTCCAGGTGTAATGTATTGGTTACACCAGTTT 4240
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GGACTAATCCACCTGCATATTGTACAATACAGGATTTAGGTCTTAATTTATATGTTTCATCTTAATACCAACTAAAATAT 762
    
```

```

Majority -----
                4250      4260      4270      4280      4290      4300      4310      4320
Human          TTTTTTTTTTTTTTTTGAGACAGAGTCTCACTCTTCGCCCAGGTGGAGTGCAGTGGCAGATCCTGGCTCACTACAAGCTC 4320
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TTTGTATCAGCTTTGAAGGGGAA---ACCCTAACCCCAACAGGAGTGTGAGCCATTGTGTGCAATCTTTAATTGCTTG 839
    
```

```

Majority -----
                4330      4340      4350      4360      4370      4380      4390      4400
Human          CGCCTTCCGGGTTCACTCCATTCTTCTGCCTCAGCCTCCCAGTAGCTGGGACTACAGGCGCCACCACCACGCCCGGCT 4400
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AGAGAGGGGGAGAACATACTATAGCAGGGGTAGGCAACCTATGGCACACGTGCAGAAGGTGGCACACAAGCTGATTTTC 919
    
```

```

Majority -----
                4410      4420      4430      4440      4450      4460      4470      4480
Human          AATTTTTTGTATTTTTTAGTAGAGACGGGGTTTCACCGTGTAGCCAGGATGGTCTTGATCTCCTGACCTTGTTGGTTACAC 4480
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GTGGCACTCAGCTGCCAGATCCTGGCCACCGGTCTGAGGGGCTCTGCATTTTAATTTAATTTTAAATGAAGCTTCTT 999
    
```

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```

Majority -----
                4490      4500      4510      4520      4530      4540      4550      4560
Human          CAGTTTTTTGTTAGTTGTTTGAGGAGAACACTTTAGAAGATGATAAAAAAAAAATTGCAAATCGTTTTTAAAAATCCATTG 4560
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseA AACATTTTAAAAACCTTATTTACTTTTACATACAACAATGGTTTAGTTATATATCATAGACTTATAGAAAGAGACCTTCT 1079
    
```

```

Majority -----
                4570      4580      4590      4600      4610      4620      4630      4640
Human          TTTAATATAAAAAGTCTGAATAATTAAGTTAATTTAATTTTCTGGAATAATGGTTAAGAATTTTGTCTTTGGTGTCCAGGC 4640
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseA AAAATGTTGAAATGTATTACCGGCACGCAAAACCTTAAATTAAGTGAATAAATGAAGACTCGGCACACCATTTCTGAA 1159
    
```

```

Majority -----
                4650      4660      4670      4680      4690      4700      4710      4720
Human          CTGTGTACAAGTAATTAAGTGTCTTTTAAACTTAAAAC--ATTTGTGAATTTGCTTTAAAGACACTGATGCATGTGCAT 4718
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseA AGTTGCTGACCCCTGACTATAGGATGCTTGATGGTTTTGGTTTTTTTTTGTTCATCAGCAGTCTTAAGAGTGGTTGAT 1239
    
```

```

Majority -----
                4730      4740      4750      4760      4770      4780      4790      4800
Human          ATTTAAAAAATTTCAGGCCGGCGCGGTGGGTCACACCTGTAATCCAGCACTTTGGGAGGCCGAGCGGGCGGATCAGC 4798
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseA ATCTAGTACTAACTGCACTAGCTGTGATTATTATATCGTGTGCAATAACATGTCTACCTTTTCATTGCTCATGTTTCAGG 1319
    
```

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Majority -----
                4810   4820   4830   4840   4850   4860   4870   4880
Human            AGTTCAGGAGAGACCATCCTGGCTAACACGGTGAAACCCTGTCTTTACTAAAAATACAAAAAATTAGCCGGGTGTGGTGA 4878
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GCATAAGCTAATACTTCTCAATTTAAAAACAGGAAGAATTTCTTTCTCTCCTTTGGAATACTGTTGCACAATTAGGTGCA 1399
    
```

```

Majority -----
                4890   4900   4910   4920   4930   4940   4950   4960
Human            CGGGTGCCTGTAGTCCAGCTACTCGGGAGGCTGAGGCAGGAGAAATGGCATGAACCTGCGAGGCAGAGGTTGCAGTAAGC 4958
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GTATGAGAGGTAATAATTTTCCTTTGAAGGACCCTGCACCTGGCCAATTGGAGAGGCAGGATACTACAGAAGATGGACTATT 1479
    
```

```

Majority -----
                4970   4980   4990   5000   5010   5020   5030   5040
Human            GGAGATTGCACCACTGCACCTCCAGCCTGGGCGACAGAGACAGACTCTATCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 5038
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CATGGCAATTCCTCTCCATAATTTCCATTACAAGAGGAGAAAGGCTTTAACTACTCCCTCTCTGTCCCAGAAATGTGG 1559
    
```

```

Majority -----
                5050   5060   5070   5080   5090   5100   5110   5120
Human            AAAAAAAAAATTCAAACCTGCTTTCACAGCTTTTTTTTGCTATTTCTTAGGTGTAGGTAATTGTGTTAAAATTTTGTGCCTTTT 5118
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AGATGTGGACCAAGTT--TGGACAGTTTCTTCTGCAACAAGCGAAGCCTTGCACCAGGGCTGGAGCCTGGGGAATCCA 1637
    
```


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Majority -----
                    5130      5140      5150      5160      5170      5180      5190      5200
Human              TTCTTGAAATTATTAATTTATATATATTAGCACACATATAAACATCTTTATTTACGTGATTGAATTCAAACTATTGTTTTGG 5198
Kakapo             ----- 0
GoldenEagle       ----- 0
JapaneseQuail     ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATCCAAGTCTCCCTGCATCATATCTGGCAAGTTTCTCTTCTCAAGCTCAGCTGGCAGTAGGGCTGAGGAGTCTTTCTCC 1717
    
```

```

Majority -----
                    5210      5220      5230      5240      5250      5260      5270      5280
Human              CCCACATCTTGCCTTTTTTTTTTTTTTTTTTGGAGTCGGAGTCTCCCTCTGTTCATCAGGCTGGAGTGCAGTGGCATGATCTCG 5278
Kakapo             ----- 0
GoldenEagle       ----- 0
JapaneseQuail     ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AGCTAAAGGAGCCAGACTTTGAGGGAAACAGTCAAAGAATTTCCCTCCAGAAAGTGGGCCCTCCAGTCAGCAGGGCTGGG 1797
    
```

```

Majority -----
                    5290      5300      5310      5320      5330      5340      5350      5360
Human              GCTTACTGCAACCTCTGCCTCCTGGGTTCAAGCAATTCTCCTGCCTCAGCTCCCTAGTAGCTGGGACTACAGGCACACG 5358
Kakapo             ----- 0
GoldenEagle       ----- 0
JapaneseQuail     ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AGATGAATGTGACGTCGGAGATGGGCCCTAGGAGTGGGCCCTCGTGGGCAGCAAGGCTCGGAAACCGCCCTGCTTGTCTTGC 1877
    
```

```

Majority -----
                    5370      5380      5390      5400      5410      5420      5430      5440
Human              CCGCATGCCA--GACTAATTTTTTTTTTTTTTTTCGAGACGGAGTCTCGCCCGGTCTCCAGGCTGGAGTGCAGTGTTCGC 5436
Kakapo             ----- 0
GoldenEagle       ----- 0
JapaneseQuail     ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise eTGCTTTGCCCGCGGGGGAATAGTTTGCCTCAGACAGGCAGGTGACGAGGAGCATCGCAGAAGCGCCAGTAGCTGC 1957
    
```

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Majority -----
                    5450   5460   5470   5480   5490   5500   5510   5520
Human      GATCTCTGCTCACTGCAACCTCTGCCTCCTGGGTTACAGCCATTCTCTGTCTCAGCCTCCCAAGTAGCTGGGACTACAG 5516
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GCTACTGAGCATGCGCACAGCGCACGGGCATGCCAGTGACAGCTGAGGGAGCCCAATCTGATGGGGAGCAGAGCCTGG 2037
    
```

```

Majority -----
                    5530   5540   5550   5560   5570   5580   5590   5600
Human      GCGCCTGCCACCACGCCTGGCTTCTTTTTTGTATATTTCAGTAGAGACAGAGTTTCACCATGTTAGCCAGGATAGTCTCTA 5596
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @ACTCGGCAACCTTCGGCGGTTTCCGGGGGGGCTGGCCGCCATTTTCTCGTTGCCCTCTCTCCGTTTCGCTGCCTGCGCGG 2117
    
```

```

Majority -----
                    5610   5620   5630   5640   5650   5660   5670   5680
Human      TCTCCTGACCTCGTGATCTGCCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAAGCGTGAGCCACCGCGCCTAGCCAAAA 5676
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TCCCTGCCCTGCTCGCCAGCGCTTTGTCTTGTTCGGCGATGGACGGGTGAGTACAGGGCGGTGGGGAGCGGGGGCG 2197
    
```

```

Majority -----
                    5690   5700   5710   5720   5730   5740   5750   5760
Human      TGCCAGACTAATTTTTGTATTTTGTAGTAGAGACAGGGTTTCACCATTTTGGCCAGGATGGTCTTGATCTCTTGACTCCAT 5756
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TGC CGCGCCCGCGGGTTATTGTTGCTTTCCTGTCGGGGCTGGGCAGAGCGGGCTCGCTCTCCCCCGTGGGTGTCT 2277
    
```

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Majority      -----
              |-----|
              |5770   5780   5790   5800   5810   5820   5830   5840|
              |-----|
Human          CATCCGCCCGCTTGACTTCCCAAAGTGTGGGATTACAGGCTTGAGCCACCGCTCCGCCCATATCTTGCCTTTAAAA 5836
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGGGAGGAGCAGGGTGCCAGCACACCCCACTGAATAGCGGGGATTAGCTCCTGCAGACTCCTTGTGGGGCAGCTGGAGAC 2357
    
```

```

Majority      -----
              |-----|
              |5850   5860   5870   5880   5890   5900   5910   5920|
              |-----|
Human          AAAATAGCTTTATTGAGATATAAATTTGACATAAAATAAACTACCCATATTAATATAACAATGTTTTATCTCATATATACC 5916
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGACTGGGGCCAGTGAGGATGAGGGCGGTGGGGGAGCTTCTGCATAACCGGACTCAGATGCGGGGCTGGGGCGGGTCC 2437
    
```

```

Majority      -----
              |-----|
              |5930   5940   5950   5960   5970   5980   5990   6000|
              |-----|
Human          CTTGTGAAACCACT----GCAATCAAGATAATGAACATCTATCACTCCCTACAGTATCATCTTGCGCCTTTATAGTCCCT 5992
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseETTACTGACTCACCTAGGGCTGCGTGAGTCCTTAGCGCCCTGTTTCATTCTGTGGCCTTCTCAGTGGTGGGTGTCTGTGTG 2517
    
```

```

Majority      -----
              |-----|
              |6010   6020   6030   6040   6050   6060   6070   6080|
              |-----|
Human          CCTTCTGCTTTTCTTTCCCAAGGAACCACTGATCTGCTTTCTGTCACTATAGATTAGTTCACACTTTTATAGAATTTTA 6072
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTGTGTGGGGGTGCCCAATCCCGCCTTTTATCCCTCCCCCTCATTCGTGGTGTAGGGGAAACGCTGTGAGCAA 2597
    
```

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Majority -----
                6090      6100      6110      6120      6130      6140      6150      6160
Human          GATAAATGTAATCATATGGTATGTACATTTTGGTCTGGGTTAGTCCACTCAGAATAATTATTTTGAAATTCACCCATGT 6152
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCACCCCTGCTTGTTTTGGTGTGCCAGAGGAGGAGGAGCTGGCAGATGGCAAGCTCTTTTGTTCATAGCTGTT 2677
    
```

```

Majority -----
                6170      6180      6190      6200      6210      6220      6230      6240
Human          TGTCCTTCAATAGTCCATTCTGTTTTATTGCTTAGTAATAGTACACTTTATGGCTATACAGCAATTTGTTAATCCATTCA 6232
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCAATAGCCCCCTGGCTTTTTTTTTTTTTTATTTAAGGTAGAAAGATGCCTTTGTGTATACTGGAGACAGGCAGTTAAAGCC 2757
    
```

```

Majority -----
                6250      6260      6270      6280      6290      6300      6310      6320
Human          AGTCTTGAGGGACATTGTATTGTTTTCCGTTTTGAGCTAATAAAAAATATAGTTGTGAACATTACTGTACAAGTCTTTGT 6312
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCAAGTAGGGAAGGGTTGCAGGCATCAACCATATGGGACAGCAAGGGCCTTGATTCTGGCAGGAGCTTGGGTGGGTAG 2837
    
```

```

Majority -----
                6330      6340      6350      6360      6370      6380      6390      6400
Human          ATGGACATATGCTTTTCATTTCTCTTGGTGGGGCAGGCTATGATTGGAAAGTCTGGATCATGTGATAGGCATATGTTTAAC 6392
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATATACACAAGGCCCTCTTTTCATTGGGGCTGGGAGCTGCTGCTGGTGTATATAGCTACTGTCAGCATAAACACTTGTGT 2917
    
```

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Majority -----
                6410      6420      6430      6440      6450      6460      6470      6480
Human          TTTTAAAGGAAGTGCAAACTTTTAAAAGTAGTTGTACCATCTTACATTGCCATCAGCATGGTATGAAATTTCCAGTCCT 6472
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6TGTGCAGCATCTTACTGCCCCATTACTTGCCCTCATCCTTTTGAGACAGATTAACAACCTCTTGTGTTTGTGTGATA 2997
    
```

```

Majority -----
                6490      6500      6510      6520      6530      6540      6550      6560
Human          TCCACATCCTCTTTAATGCCTGTTATCTTCTGTTTTTGATTATAGATATTGTAGTGTATATGAAGTGATATTTCACTGTG 6552
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6AATGTATAATCTATTGGTAATGTGATTTTAAAGTCTTTT-TTATGGTTGCTTGTGCAGCCTAATGTTGGTGTACAAACCT 3076
    
```

```

Majority -----
                6570      6580      6590      6600      6610      6620      6630      6640
Human          GATTTAATTTGCATTCCTCTAATATCTATGATGTTGGACATCTTTTCGTGTGCTTTTTGTGCAGCTGTTATCTTTGGTGAA 6632
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6ACTAAAAAGTCAATCCTTTGTGCTGCTCACAAATTGATACCCATGGAAGTGGCATGCTTTACTTATCACATTTTGTTTG 3156
    
```

```

Majority -----
                6650      6660      6670      6680      6690      6700      6710      6720
Human          GTGCTGTTTATATCTTTAGCCCAATTTTTTATTTGGTTATTTATTTTAAATTGAGTTTTGAGAGGTCTTCATTGTGGTT 6712
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6AATATTTTATGATATTTGTGTTAATTAGGGTAGCCTGGCTATATTTCTGTTTTGGGTGTTATATTCTGCCTACCCAGTG 3236
    
```

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Majority -----
      6730      6740      6750      6760      6770      6780      6790      6800
Human   ACAAGTCCTTTATCAGCCATAAGGCCTGCAAATATTTTCTGCCACTCATCTTCTTATTCTCGCATTGTCTTTTGAAGAGC 6792
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TAGATCCTGCAAATAGATCTACATAAGAGCATGTCTGTGCTGTTGTTCCACATGGGTGTAGAGTGCCATTTGTAGGATC 3316
```

```
Majority -----
      6810      6820      6830      6840      6850      6860      6870      6880
Human   AACAGTTATTAAATCTGATGGACTCCAGTTTACCAATTTTTTCTTTTATGGATTGTAGTTTTGGGGTCTTGTCTGAGCCA 6872
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AGCATTCAATTTGGTCATCTTTTTCAATTCAGAAATAGTATTAATCACTTTCTGCCCTGAACGTCTCTGTAAGGATCAC 3396
```

```
Majority -----
      6890      6900      6910      6920      6930      6940      6950      6960
Human   TTTTTCCTGACTGTAAGCCATGAAGATTTTTTCTTTGTTGTTAATAATAATAATAATTTTTTTTATAGAGACAGGA 6952
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GTTAAAGAATGAACAGAAAGATTATCTTATGTACTACATCTGTCCTTAAATTTCTCCTATTCTCACCTATCCATTATCC 3476
```

```
Majority -----
      6970      6980      6990      7000      7010      7020      7030      7040
Human   CCTGACTCTGTACCCAGCTGGAGTGCAGTGGTGCAATCGTAGCTCATGATAACCTTGAACCTCTGGACACAAGGGCTC 7032
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @ACAAGTCCAGAGACTTCTCTCAGACTTACTGGCATTGGCCAAAATGGATATCTATCAGACTCTGGAAGGAGGAGGC 3556
```

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Majority -----
                7050      7060      7070      7080      7090      7100      7110      7120
Human          CTGCTTCAGCCTCCCAAGTAGCTAGGACTATAGGCACACAGCACCATGCCAGCTAACTTTTAAATTTTATAGACCCG 7112
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GGATGGGGTGGGTTCTCTGACTGTGGGACCTAATTCCTCTCACTTCTTAAGTCCCATGTCCAGGCAGAGCTTCTTTGGA 3636
    
```

```

Majority -----
                7130      7140      7150      7160      7170      7180      7190      7200
Human          GGGTCTCTCTGTTTTGCCAGGCTGGTGTGTAAGTCTCTGGCCTCAAGCGATCTTTCTGCCTCAGCCTTCCAAAGTGTGG 7192
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AGTGTTCACTGACATCATGGACACCTTTGTAGCTGTGTGACTCTCAGGGATTCTTTGTTTCAGTGTGCTGCCTGGATG 3716
    
```

```

Majority -----
                7210      7220      7230      7240      7250      7260      7270      7280
Human          GATTAAAGGCATGAGCCACTACACTTGGCCACCTTTGTTTTCTAATAGAAGTTTTATACTTTGGTTTAACATTTGGGTCT 7272
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @CTTCTATTGAACCTTTGAGCCCGTTCCCATTCCTGTTTTGTTTTCTTTTGGACTCCTCTCCTCTTTGAGGGGGTGGTCT 3796
    
```

```

Majority -----
                7290      7300      7310      7320      7330      7340      7350      7360
Human          CTTTCATTTTGACTTAAATATTTGAATATGGTACAAAGTGTGGGTCAGAAGTATTTGGTTTTGCATGGGGATATCCAGTG 7352
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TGCTATTTTAATTTCTAAATACTAAAGTTAATAAAATCTAT-TAAGAGTTCAGTTTTATGGGGAAATCATATTTATTT 3875
    
```

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Majority -----
                7370      7380      7390      7400      7410      7420      7430      7440
Human          TTTACAGCATCATTGTGTTGAAAAGACTATCCTTTCTCCATTCACTTGGCTTTGCAGCTTCATGAAAAATCACTTATGTCT 7432
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GAGTCAATTTGTGGATTGAAAAGACTCAGACATGTTTCTTACTATTAAGTCAGGTTTCTGTTTTCTTTACAGCATCGTCA 3955
    
```

```

Majority -----
                7450      7460      7470      7480      7490      7500      7510      7520
Human          GTATGTGTGATTTTATGTCTGTACTCTTTTTTGTATTGACCCATTTTCTTTATCTAGATGCTGGAAACATACTGTCTTA 7512
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TGATGTTGCAGTTGGCGTGAAGGTATGATGTGAAGCTAGCTGATGATAAACTGGCAACCTGTAAAATGATATATGTTA 4035
    
```

```

Majority -----
                7530      7540      7550      7560      7570      7580      7590      7600
Human          ATCATTGTAGCTTTTATATTGAGTCTTGAAACCACTTACTTAGTCTTGGCCCTCCAACCTCTGTTCTTTTTCAAAGTTGTTT 7592
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TTTGTGGAGTTGAAGTGAGCTGTAAGATTTTATTAAGTGATTGTCAGCTGAC-----ATTTTGTTCATCGAGATATGC 4108
    
```

```

Majority -----
                7610      7620      7630      7640      7650      7660      7670      7680
Human          TTAACCTCTTCTGAGTCCTTTGTATTTTCATATGAGTCAGTTCTTAGAAAACTGCTTGGATTTTACTGGATTTGACTTGA 7672
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TTAATAAACAGAAAGCTTTAAGTTGAAAAGCTGACCAGAAATGGGAGAATCTGTTATCAAACCACTGACTTGGATTGCA 4188
    
```


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Majority -----
                7690   7700   7710   7720   7730   7740   7750   7760
Human           ATCTGTAGAGCAAATTTGGGGAAAATTGGCATCATGACTACAATTGATGTCTCTATTAGGTCTTTAATTTCTTTAAGCAT 7752
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CATGATATAAACTTATTCTAAAGATTAGTCTCTCAGAAATAACGTTTGGGCAACATGCTGTTCTCACTGCTGCATGATGG 4268
    
```

```

Majority -----
                7770   7780   7790   7800   7810   7820   7830   7840
Human           TTTTTTTTTTTTTTTCAGTGCACACGTTTTGTGCATTGTTTGATTAGATTTACCCATAAGTATTTTATGTATTTTGAAGT 7832
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CTTAAAAGCTGATTTTTTCCCCCTCT--CCCTACCTGCAAAAACTCCAATAGGTATTCAGTTCTTGTTGACCT 4345
    
```

```

Majority -----
                7850   7860   7870   7880   7890   7900   7910   7920
Human           ACTGTAAATGATATTTTAAAACTTAATTTCCAATTGTTTGCTAGTGTATAGAAATGATTATGGCATATGCTCATATGT 7912
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CATAATTGGAGCAGAAATATGAGAATGAAGTTTTGACCTGCAGATCTGAGAGCAGAGGTTTGCTGTTTTTTTGTTTTTTGT 4425
    
```

```

Majority -----
                7930   7940   7950   7960   7970   7980   7990   8000
Human           TCTGAACCTTTGCTAAACTCATTTTAGTAGATCTAATAGTTTTTTTTATATATTTTCATCAGATTTGCTTGAGAGGGAGTCT 7992
Kakapo          ----- 0
GoldenEagle     ----- 0
JapaneseQuail   ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CCCTCCCCCTCAACTCACATTTCTTCAATGAAAGTTCTCCAGTTATAAGAATTGTACCATATAGTTAATTTAGTTAGCC 4505
    
```

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Majority -----
      8010      8020      8030      8040      8050      8060      8070      8080
Human    CAGTCACCCAGGCTGGAGTGCAGTGCAGTGACGTGATCTTGGCTCACTGCAACCTGCACCTCCTGGGTCAAGCAATTCTCCTGCC 8072
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTCTGATTCTTTCACTCTTGAATGAATGTTGCATTTGAGAATCAGATCAATACTTCATAGGAGCTGAATGCGACAAAAA 4585
    
```

```

Majority -----
      8090      8100      8110      8120      8130      8140      8150      8160
Human    TCAGCCTCATAAGTAGCTGGGACTGCAGGTGCACACCACCAGCCAGCTAATTTTTGCATTTTCAGTTGAGGCAGGGTT 8152
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCATAGTTAGCATGAAGGGAACAATGGCACAGGGCTGGCCTTGAACATACAGACAAATATGTTGCCACAGGTGCACAAGT 4665
    
```

```

Majority -----
      8170      8180      8190      8200      8210      8220      8230      8240
Human    TCACCATGTTGGCCAGGCTGGTCTGGAACCTCTGACCTCAAGTGATACACTTACCTAGGCCTCCCAAAGTGTTAAGATTA 8232
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCATGAACAAATGAGAGTTTTCTAATATTTGTATATTACTTGTGAAAGAGCATATTTGGGATTATGGAAGTGAACACAGCA 4745
    
```

```

Majority -----
      8250      8260      8270      8280      8290      8300      8310      8320
Human    CAGGCGTGAGCCACCACCCAGCCTATGCCATTAAATTTTCTACATAGATAATTTATACCCAATTGTTTTTAAATAGTT 8312
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAATCTTTTTATTATGAAATAGACTCTTGAAAGTAGCACCCATAAAATAAAGTTCCAGCTGTACTAGAAACAACACTAGAT 4825
    
```

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Majority -----
      8330      8340      8350      8360      8370      8380      8390      8400
Human      TTCTTTCTTTTCTATCTGGATGCCATTTTTGTCTCCTTTTTTGTCTGTGGTATCCAGTACAATGTTTAATAGAAGTGT 8392
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GCACAATTTTCAGCACTTTAACCCCTGTCAGTATCAGTCTCTTAGGGAATGCCCTGAATTGTGTGGACAAGGGTGAACCA 4905
    
```

```

Majority -----
      8410      8420      8430      8440      8450      8460      8470      8480
Human      TGAGAGAATATCTTTTCTTGCTCCTGATATTAGGGTGAGAACTCTAAAATTTCTTCCTTAACTGACACAGTTCACTAGT 8472
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGGGATAGTGTGCTTGGACTTTTCAGAAAGTCTTTATCAAGGTCTCTCACTAAAGGCTCTTAAACAAGCTAAGTAGTCAT 4985
    
```

```

Majority -----
      8490      8500      8510      8520      8530      8540      8550      8560
Human      GAAGCCATGTGGGGCCAGATGTTTGTGTTTGTTCGGGAGGTTTTTAAACTACATATTCAACTTATTTAATAGATATAGGGCTA 8552
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GGATAAGAGGGAAGGTCCTCTCATGGATAAGTAACTGGCTGAAAGATGGGAAACAAGGGAGGAATAAATGGTCAGTTTT 5065
    
```

```

Majority -----
      8570      8580      8590      8600      8610      8620      8630      8640
Human      TTCAGTTTGTTTAGTTCTTCTTGAGTGAACCTTTGGTAATTTGTATCTTCTGTAGAACTAGTCCATTTCCCTTTAAGTTGCT 8632
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AGAATGGAGAGAGGTGAATATTGGTGTCCCTGAGAGATCTGTACTGGGACCAGTACTGGTCAAGGTATTTGTAAATGAT 5145
    
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Majority -----
      8650      8660      8670      8680      8690      8700      8710      8720
Human      GAATGTATTTGTGTAGAGTTGTTTCATGATACTACTATTTTTTTTTTTTTTTTTTTTTTTTGGAGACGGAGCCTTGCTCTGTGCG 8712
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TGGAAAAAGGGGTAAACAGGGAGGTGGAAAAGTTGCAGATGATATAAAATTACTTTAAAATAGTTAAATCCAAAACAG 5225
    
```

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Majority -----
      8730      8740      8750      8760      8770      8780      8790      8800
Human      CCCGGGCTGGAGTGCAGTGGCACCATCTCGGCTCAATGCAACCTCCACGTCCTCCGGGTTACGCGGTTCTCCTGCCTCAGC 8792
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @ATTGCGAAGAGTTACAAAGGGATCTCACAAAACGGGAGATTGGGCAACAAAATGGCCAATGAAATTCAGTGTGATAAA 5305
    
```

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Majority -----
      8810      8820      8830      8840      8850      8860      8870      8880
Human      ATCCAAGTAGCTGGGATCACAGGCACACACCACCACACCTGGCTAATTTTTTGTATTTTGTAGTAGAGACGGGGTTTCAC 8872
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GCAAAGTAATACATATTGGAAAATATAATCCCAACTATACATACAAAATGATGGGGTCTATAATTAGCTGTCACCATTC 5385
    
```

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Majority -----
      8890      8900      8910      8920      8930      8940      8950      8960
Human      TATGTTGGCCAGGTTGGTCTCGAACTTGTGATCTGCCCGCCTGCCTCACAAAGTGTCTGGGATTACAGGCGTGAGCCACT 8952
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @A----GAAAGAGCTCTTGGAGTCATTTGTGATTTTTTTTTTCCCCTGAAAACATCAGCTGAATGTCCAATGGCAGTCAAAA 5461
    
```

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Majority -----
          8970      8980      8990      9000      9010      9020      9030      9040
Human      GCGCCCAGCCATGATACTACATTTTACTACTTTTGGTATCTGTTGAATCCTTAGTGATGTCAGCTTTCTCATTCCCAGTA 9032
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGTTAAAACTTTAGAAAACAGTATGAAAGGGATAGATAAATAAGACAGTAAATATAATGCCA-TTGTATAAATCCATGGA 5540
    
```

```

Majority -----
          9050      9060      9070      9080      9090      9100      9110      9120
Human      GGGATAATTTGTGTCATCTTTTTTCTGTCTGCTGGATTGAAGTTTATTGATTTTATTAATCTCCAAAATACCAGCTT 9112
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTGCCCATAGCTATTGTGTACAGTTCTGGTTGCCCATCTTGAAAA-----AGGTATCTTAGAAATGGAAAAGACGGAGA 5615
    
```

```

Majority -----
          9130      9140      9150      9160      9170      9180      9190      9200
Human      TTGGTTTGAGTTTTCTCTGCTGTTTTTCTGTTTTCTATTTTATTGATTTCTGCTATTTTTATTTGTTTTGCTTTGTGGT 9192
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGGGCAATAAAAAATGATTGGGGTATGGAACAACCTCCTTATGAGAAGAGATTAAGATTGCACGGTTAGTCTGAAAAAAGA 5695
    
```

```

Majority -----
          9210      9220      9230      9240      9250      9260      9270      9280
Human      TAGTTTGATCTTCATTTTCTACTTAGTTAACATTGAAGTTAATGTCATTAACCTTAGTACTTTTACTTATATAGGGATTTA 9272
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGCAACGAAGGTCTATAAAATCATGAATGGGGTAGAGGAAGTGAATAAGGAAGTGTGTTTATCCCTTCACATAACACAA 5775
    
```

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Majority -----
          9290   9300   9310   9320   9330   9340   9350   9360
Human      TTGCTGTATGTTTCCCTTTTAAAGTACCGCTTTCACGGCATTCTCAAATTTTGACACGTATATTTTATTCACTTCAAAA 9352
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GAACCAGGGGTCACCCAATTAATAATAGGCAGCAGGTTTAAACAAACAACACACAGTCAGCCTTTGGAATTTGTTGC 5855
    
```

```

Majority -----
          9370   9380   9390   9400   9410   9420   9430   9440
Human      TACTTTTTTAAATATTTCTTTGACCCATGGGTTATTGGAAAGTATGTTATTTATGTTATTTAATTTCCAAATATTTGGAG 9432
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GAGGGGATGTTGTGAAGGCCAGAGTATAACTGGCTTAAAAAAGAATTAGTTAAGTTCATGGAGGATGGGGCCAAAATGA 5935
    
```

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Majority -----
          9450   9460   9470   9480   9490   9500   9510   9520
Human      TTTTCCATATATCTTTCTGTTATGTATTCATAATTTTAGTTTTATTTCTGGCCAGAGAACATATTTTCTAAGACTTGGATC 9512
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GTCGCTTGGGATGACTTGGAGCATGGATTAACGTCCAGTTGCAACTGTCTCCATCCATAATTTGATTTGTATCCCAT 6015
    
```

```

Majority -----
          9530   9540   9550   9560   9570   9580   9590   9600
Human      TTTGTAAACATGGAGACTTGTTTTGTGGTCCAAATATATATGTTGTTAAGTATTTCACTGAATACTCTGATGATTCTCTGC 9592
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AACTTTTGTGTCCTTTTTTTTCAAATCCACAAACCCACATGTCCCTCCTTGCTCTCCACTATCTCAGACAGAAGCATGA 6095
    
```

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Majority      -----
              |-----|
              |9610  9620  9630  9640  9650  9660  9670  9680|
              |-----|
Human          AGATTTGGAGAAATCTCTGTGCAGTTCTTTTCTCTGGTACTTTGACCTGTATGTAAACTCTAGTTACTTTGGTCTTCTCA 9672
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGCCTGCACAGTTCTGCACTATTGTCTCAGGAGCATTGCAAGCACAGGGTTCACGATCCTGTAGTAGTTGCAGAGCTGCAAG 6175

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Majority      -----
              |-----|
              |9690  9700  9710  9720  9730  9740  9750  9760|
              |-----|
Human          GGCTCTTGGCTCTTTTACAATTAAGTAGTCTTTGAGGCTCAGCCTGCTTTTCTCATAGCTATGCTATGGCCTGGACT 9752
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGACCTGAATGGGTGGGTAGTGGGGGCATAAATGATTCCTTGAGGACAGATTGTCAAGGGACATAGCAAGAATCAATTG 6255

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Majority      -----
              |-----|
              |9770  9780  9790  9800  9810  9820  9830  9840|
              |-----|
Human          CAAGGGAGTATAAGCTGAGGCAAACATGGACTCATTGTGTTTTCTAACTTTCAGGGATTATTGTCCATCATTGCCTGATGT 9832
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAATGTTGTTGGTGTGCATGGAACAGATGGAGATGGTGGAGCACCA-CTTCTGGACCTGAGAAACAAGCAATGACTGACTG 6334

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Majority      -----
              |-----|
              |9850  9860  9870  9880  9890  9900  9910  9920|
              |-----|
Human          CCAGTGTCTTGAAAAGCAATTTATCTGTATAGTTGCTTGATTGTTTGGTGTGTTTCGGCGAGGCAAATCTGGGTCATGT 9912
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTGAAATCGCATCGTAATGTAAGTTTGGGAAGATGACCAGTGGCTGAGGAACTTTCAGATGTATAAGGCCATGTGCCTGG 6414

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Majority -----
          9930      9940      9950      9960      9970      9980      9990      10000
Human      TATTCTGTCTTGACTGGAAGTAGAAGTCCACTGTTTTTTTTTAATTACATAATATGGTCTCAGCAGTTGTAGATCTACCT 9992
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATCTGTGTAGGGAGCTTTCTCCAGCCCTCCGCCCAAGATACCAAATGAGAGCTGCGCTGACAGTGGAGAAGTGAGTGG 6494
    
```

```

Majority -----
          10010     10020     10030     10040     10050     10060     10070     10080
Human      CATTCTTTGTTAATGACAATGGAGGATACTCGTGTGGCTGCACCACAGTGTAGTTACTGGACATACCACAATTTAGTTTC 10072
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GCTCACAAGTGGAACACCTGATTGTTACCTGTCTGAAACCAATTTGGGGTCAGGAAATCCATGGCTGTTTTTCATGTGAG 6574
    
```

```

Majority -----
          10090     10100     10110     10120     10130     10140     10150     10160
Human      CTACATCGATGGACATTTAGGTTTGATTCCAGTTTGTGTTATAACATGTGGACATATTTAGAATAGAAGTAAAAATGCT 10152
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GTACAGAGCCTTTAAATGCCTCATGCTATGCAGGATTGTGACTGCAATGTGCAGGACATACTGGATGGCTTTGGAGCTG 6654
    
```

```

Majority -----
          10170     10180     10190     10200     10210     10220     10230     10240
Human      GTGTCAAATGAAATTTATACTTAAAGAGTTACTGAAAACCACAATGCCAGAACACTCATTTGTTTTTCACAAGTGTGTAT 10232
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GGGGTTTCCTGAACGTGGTGGAGCAACAGATGGCATGCATATCCCTATTTTGGCACCAGAACATGTTGCCACTGTATAC 6734
    
```


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Majority      -----
              |-----|
              |10250|10260|10270|10280|10290|10300|10310|10320|
              |-----|
Human          GGGAGTGCCTATTTTTCCATACCCCTGGCAATCTAGGTTTTATCAAATTTAAGAATACTAGCTTATTTTACACTAAAA 10312
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GTTGGTAGAAAGGGCTCTTTTCTATGATTATGCAAGCATAGATGGATCACTGGGGATGCTTCATCGACATCAATGTCGG 6814

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```

Majority      -----
              |-----|
              |10330|10340|10350|10360|10370|10380|10390|10400|
              |-----|
Human          ATTATTTTGTAAATTTATATTTTGAAATGGGTGAGGTTTTTCAGATTTGGTTATTTATATTTTCATTTTCTGTGAAGTGCCT 10392
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GTCCAGGAAGGTACATGTCACTCACATCTTTAAGAACA--CAGGACTGTTTCAGAAAGCTACAAGCATGGACTCTTTGCCT 6892

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Majority      -----
              |-----|
              |10410|10420|10430|10440|10450|10460|10470|10480|
              |-----|
Human          GTTTGTGTACTGGACCTAGTTAATTCAAATATATATATTTGAATTAAGTGATTTTATTGTTTAAAGTCCATTTGATGTGT 10472
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ACTGGTGGATTGCCGCTGTCAATATTGAAATGCCAATCCTTTGCTCCCCTTTCTCATGAAGCCATAGATTGGTCACCTTG 6972

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```

Majority      -----
              |-----|
              |10490|10500|10510|10520|10530|10540|10550|10560|
              |-----|
Human          AAACATTTTTCAGCTCAGCTTCTTCACCTTTTAAATTAGGATTTTAAATAGTTCACAAACTAGGTCTAATGTTAATGTAT 10552
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ACAGACCAAGGAATGATTCACTACTGGATCAGCAGGTATTGAGTGACAGTTGAATGTGCATTTGGTCATTTGAAGGGTC 7052

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Majority -----
      |-----|
      |10570  10580  10590  10600  10610  10620  10630  10640|
      |-----|
Human  TTACATTTAGAAATATCCAAGTTTTTATGGCTTTAGGATACAAATGAAATCTCATTTCATTATTTTATAAATTTGCTGT 10632
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTGGCGTTGCCTACTCACAAGATTGGACCTCAGGGAGAAAAATATCCCACAGCTGACTGCTGTGTCTGCCTAATATCT 7132
    
```

```

Majority -----
      |-----|
      |10650  10660  10670  10680  10690  10700  10710  10720|
      |-----|
Human  ATTACAGCTTTTCTTGATTTTAGACTTTTTTTTGTAGCTCAGTGAGACTATTAAGAAAGAATATTTGTGAGTTTGTAAATA 10712
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATAAAGCAAAGGGGAAAAGTTTCTGCTGGGATGGAGGGCAGAGGTGGAGTGGCTGCCTGCTGAATTTGAATGGGGCTAT 7212
    
```

```

Majority -----
      |-----|
      |10730  10740  10750  10760  10770  10780  10790  10800|
      |-----|
Human  GGAGATTTGTTGCATTCTTTTAAATGGCTTTTTATATCTCTCGTAATTTGTAATATCAGGGGTGTCATTTCTGTACTCT 10792
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGAGAGATGAACATGGAGCTGTACAGCTCAGGGAGGCTTTGAAAGGCAATTTTAAACAGTGAGTGGAGTAATGTGTGGT 7292
    
```

```

Majority -----
      |-----|
      |10810  10820  10830  10840  10850  10860  10870  10880|
      |-----|
Human  TAACCATTTTGCCAAATGTGAAATCCTTGCAAAGTAATCGGCCATTACTTGGGAAGACAGAATTGTATGAAATGACTGTA 10872
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCATGTAGTATGCTCTATCTGGCCCTGCTCTTTTGTGGCCTGGTAGGAATTGTGTGGTGATTACTGTAC-ATGTAGGAATA 7371
    
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Majority -----
      |-----|
      |10890  10900  10910  10920  10930  10940  10950  10960|
      |-----|
Human  GAATAATTCAGGATGGTCCCAATACGGTAAAAATGTTAACTTTTTAGATGTAGATTTTAAAGTATGGTCAAATTTGTAGCA 10952
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGAACATTGTCAACTCACCTTCGCCATTGGGAGGTGAACTATCTCAAATTCACAGGTTAATTATTAATACTTAGAGGATT 7451
    
```

```

Majority -----
      |-----|
      |10970  10980  10990  11000  11010  11020  11030  11040|
      |-----|
Human  GTGTTCTTTAGTAAGTTAACTATTAATATATCAAGACCTATAACTGGACAATAATAAATAACCTGTTTCTTAAAATGTT 11032
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTCTTGCCATGCTCTATTATGAGGAGAACATCACCAGACATTTAAATTTGTTTATTTTAACTAAAACAACAAGCAGCATAA 7531
    
```

```

Majority -----
      |-----|
      |11050  11060  11070  11080  11090  11100  11110  11120|
      |-----|
Human  AGCTTTTTCTAAATATTCTGAAAGTACTGGTTGTAAATGCTGAACTCACAATTTAAATTATGATATGACTATTGAATTC 11112
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGATTTTAAACAAAATAATCATATGCATTTTTGAATTTAGTTAAACATTCACGTTTTTTTAAATCAGGTTTGTTTTGTAA 7611
    
```

```

Majority -----
      |-----|
      |11130  11140  11150  11160  11170  11180  11190  11200|
      |-----|
Human  ATCCTCATTTGGCTTGCATAGAAAATTACAATCAAATAATGCTAAATGTAACTTTTTTGGTAATAGTTGTGTGTAACGGT 11192
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAATTTTAACTAAAGTAGTTAAATGAATTTAAAAAATTAATAGACTATGTCAGCCAGGTC AATATGAGAACTTAA 7691
    
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Majority -----
      |-----|
      |11210  11220  11230  11240  11250  11260  11270  11280|
      |-----|
Human  TG TTCATTATAGATGTGTTATTCAAACCTTTGGGTTTTTAGGTTTTGACTTTTCTTAAAATACTTTTCTTAAATGCTACT 11272
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATATTGGCTTCTGCAGCTAACTCAGTCGTCTTCACCTTAATTTTCTGTGTTTCATAATCTGGAAAAGAAAAACAAGCT 7771
    
```

```

Majority -----
      |-----|
      |11290  11300  11310  11320  11330  11340  11350  11360|
      |-----|
Human  TAATGCTTTTCTCTAGGGTATTTTTATTAGAAATTTCAATTAACAGATATTTTGATGTCTGCGAAATGACAGTACTATGTTA 11352
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATCCTGCTTTTTCAAATCCAAAAACAATTTCTCAATTTGGAATGAATTAGTCCAAAGAGAAAAATTTCTTTCTACTG 7851
    
```

```

Majority -----
      |-----|
      |11370  11380  11390  11400  11410  11420  11430  11440|
      |-----|
Human  GAAATTGATGTATTGGCTCCTTGAGGGCAGTGACCCTATTTGTTATGTTTGTTCCTCAATCATTAAATAGTACACATATTA 11432
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ACAGAAGAAGCTACTGCTGTTTAAAGTGAGATTATCACTTCAACAGTCTCTGAATCAAATGCTTAAGTGACTTCTGCTG 7931
    
```

```

Majority -----
      |-----|
      |11450  11460  11470  11480  11490  11500  11510  11520|
      |-----|
Human  AATAGTACATATACACTTAATATTTAATAACTCTTAGAAGTGTCATAGGCTTTAATATGCTCATACTCTAATGAGCCATT 11512
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CTGAAAGTGACTTTCTTTAAACATCATCAGCAAATAAATATTTCTGAATGGTTCCACCTTAGCTCTGAAGTTTATTAG 8011
    
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Majority -----
      |-----|
      |11530  11540  11550  11560  11570  11580  11590  11600|
      |-----|
Human  TATCAATAAAAAGATAAATAACAAGACTATGTCCTTTAGGACTTTAGTTAGAGAAATAAGGACTCAAGGTTTAAATTAAG 11592
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGGTATTATGGAGGGATGATTGCTGGATGTCCATGTGATAGCTAACTCCTCTTCTTCAGCAGTTAAGGGTTGACCCTGG 8091
    
```

```

Majority -----
      |-----|
      |11610  11620  11630  11640  11650  11660  11670  11680|
      |-----|
Human  TGCTATATGGCTACAGTAGGAAAAGATTGGTTTGGGTTGGTAGGCTCAGAATAGTGGTCTGTGACCTAGCTAGATTGGGAG 11672
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACGGAGTATTGAGAAATTTGCAAGAAAATGAGCTGGAGATAGTCTTGTCCCATTTTGTTTTTTTTAAATGTTTGTGAT 8171
    
```

```

Majority -----
      |-----|
      |11690  11700  11710  11720  11730  11740  11750  11760|
      |-----|
Human  ATAGGAGAAAAGAGTGGAGAGCAACAGGCGTTGAGAGAAGGACGTAACCAAAGTTGTGTCTATAGGTT--GGCATAAATTT 11750
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TAACTCTGTCATTCCATATTTCTCTCTTAAAGATCTCACTCAGTTCCTTCCAAATTTCAACAGCATCAGCAATAAAACA 8251
    
```

```

Majority -----
      |-----|
      |11770  11780  11790  11800  11810  11820  11830  11840|
      |-----|
Human  ACAGCCATTGATCAGTGAGTTGAATAGTTTGGCCTTTATGGCTAACAGCTTGTATATGGATATGAGAGAAAAGATAGAAT 11830
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTATTTCCATGCATTTTGTTCAGGCTACAGAAATAGGCTTCAGAGTACTCAGCATGTGTTCAACATTGGGCTTAAAGAG 8331
    
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Majority -----
      11850      11860      11870      11880      11890      11900      11910      11920
Human  GGCAGATAGGTTATATAGAAGACCTCAATTACAGGTAGTGAAATTTGTACTTCATCTGGTAGGCATTATTCTATATACCT 11910
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAATGTTGAGAACTGTGACTGTGATCAAAATCGTGAAAAAAGTAGATGGCACTAACTGTCATCAGATTAGGCCAGTTCTT 8411
    
```

```

Majority -----
      11930      11940      11950      11960      11970      11980      11990      12000
Human  GTAATTTTCCACATAAAAAGTAGCTCATTACTCTGCTTTCTTTCTTTCTTTTTTTTTTTTTTTGCTATAGCAAATTTATTG 11990
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCATATAGTGCTCAAAAAGTCCACTACTGAGTTCCATCACACATCTGTGGGAGAGTTAGTGTGGTTCCCTCCACTTTTT 8491
    
```

```

Majority -----
      12010      12020      12030      12040      12050      12060      12070      12080
Human  TAACAACACAAAGTATTATCTTATAGTTTTGTAGGTGAGAAATCTGACACAGGTGGGCTAAAATCAAGGTGTTAGCAGGG 12070
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseACAGAGCGGCTGCTGCAAAGTGGTTGTTACGGAAGTATTTTGCAGTTTCAACAACATTAACCTTTATTTCTGCAACACTG 8571
    
```

```

Majority -----
      12090      12100      12110      12120      12130      12140      12150      12160
Human  CTGTGTTTCCTTTTTGCAGGATCTGGGGGAATTTGTTTTCCTTGACATAACTCGGCTGTTAGCTTCATCTTCAAAGAAGGA 12150
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAAGTCTTTGGCTAGGAGGTGCATCAAAATGAGCACTGCAACGGTATGTTATTAGCTTGGGACTCTCTTTTAAATAAATTTCT 8651
    
```

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Majority -----
      12170      12180      12190      12200      12210      12220      12230      12240
Human  ATGGCAAAGAAGACTCTGTCTCACATCACATCACTCCGACACATTCTTGTGCCTCCGTTTCCCACTTACAGGGACCTTGT 12230
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTCATCTTGGCTGCATTTTCAGCATTGTCTGTGACCAAGCTGCATACTAGACATTTGAATTTTTTTTCCAAGTTCGTTAT 8731
    
```

```

Majority -----
      12250      12260      12270      12280      12290      12300      12310      12320
Human  GATTACAATGGGCCAACTACATAATAGAGGATAAATGT-TTAAATTACAAATTAATGAAGTGGCAACTGAAACAAGTTT 12309
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GCTTTTACTGCTACTTGTAAAGTATTCTGCTCTATGTGCATTTCCCTGATGTATCAATGTTTTCTACAAGGAAACATTCCC 8811
    
```

```

Majority -----
      12330      12340      12350      12360      12370      12380      12390      12400
Human  TAACCTATTCTCAAGAAAGGGCTTTGCTGGAATGGTGGCTCACACCTGTAATCCCAGAACTTAGGGAGGCTGAGGCAGGC 12389
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TCTTCCATTATCACACAAGCACATACAACAGGATCATTTGTGGACGTTGCTCCACCCATCAAGACTCGGGTTAACAGTTT 8891
    
```

```

Majority -----
      12410      12420      12430      12440      12450      12460      12470      12480
Human  AGATCACTTGAGCCCAGGAGTTTGAGACCAGCCTGGTCCCTCATAGCAAGACCCCATCTCTACAAAACTTTTAA---AAA 12466
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACTCTCTCTGGCCGTGGTTCACTGCTCCAGGCCAATGGGAGCTGCTGGAAGCGGTGGCCAGTACGTCCCTCAGTCCGTG 8971
    
```

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Majority -----
      12490 12500 12510 12520 12530 12540 12550 12560
Human    TTAGATAGATCTGGTGGCATGGGCCTGTAGTCCCAGCTACTTGGGAGGCTGAGACAAGAGGATCACCTGAGCCCAGGCGG 12546
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCGCAGCTAGTGGGAGCCGCGATAAGCTGAACCTACGGACGCGGCAGGTAAACAAACCGGCCCTAGCTACCAGGGGCTTT 9051
    
```

```

Majority -----
      12570 12580 12590 12600 12610 12620 12630 12640
Human    CAGTGAGCTATGATTGTATCACTACTCCAGCCTGGGCGAGAGGAGATCCAGTCTCAAAAAAAAAAGGAAAAGGGCTTTC 12626
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCCCTACACGAGCGGCGTCCCAATTTTGGGAAACACTGCCATAGAATAACAACTATATATTTTTCTCAAACATGAGAATTC 9131
    
```

```

Majority -----
      12650 12660 12670 12680 12690 12700 12710 12720
Human    CTGAGGGTCAAATGAAGTACAGTTGACCCTTGAACAACATGATTTTGAATTACACAGGTCCACTTATGCATAGATCCACT 12706
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGAATAGTCCAGAAGGAAGACAAGCAGTCCTTAAGAAAGAACTATGAAATAAAAAAATTTACCAACCTGCAGATCCTGT 9211
    
```

```

Majority -----
      12730 12740 12750 12760 12770 12780 12790 12800
Human    TATACAGAAATTTTCTCTCCCTCTTCCACCCAAGACAGAAAGACCAACTCGTCTCTTCCCTCTTAGCCTACTCAGCGTG 12786
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTGTCAGACATGTTCCCTTTCATCATCTTTAACGCAACTTTCCTGAGAAGGATCATTTCTCATGATGTTGTTTCATTT 9291
    
```


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Majority -----
      12810  12820  12830  12840  12850  12860  12870  12880
Human      AAGACAGTCAGGATGAAGACCTTTATTATGACTGATCTCCAAAAAGATTGGCTTCAGTATTTTCATGGAGTGCTATGAATT 12866
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GAGTAATCAGGCCTTGCATTTCTTTGTGGCCCTGTTTGCATTTTGCACGCATGCGCGTCTTACTCACAGGAAGAGGAACT 9371
    
```

```

Majority -----
      12890  12900  12910  12920  12930  12940  12950  12960
Human      AGAATCCTGAGTCTCTATATTGTTAATTATTTTAGTCTCTTGGTC--TACGTGTGTTCCTAAACTGTAGTAGCTTTCTTA 12944
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GCATTAAAAATATTTCCAAACTGGGTTTCTTTTACGGCCTGCTGCCATTATAGGTTTTCTTTCTAGTGAGAGAATGGTAT 9451
    
```

```

Majority -----
      12970  12980  12990  13000  13010  13020  13030  13040
Human      ATTTAGTTCTAGGCATACTACATTAGGGGATAAGGTGGTTAAGTGATATTTTCACTTTAAAAGTAATAAGGTGTCACAGA 13024
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AGTAGATCACAGATCAATGAAGGCTACACTCAGAAAGACCTCAAAACTTCTGGAATATGCTGCTCAGACAGTTTCGCCTT 9531
    
```

```

Majority -----
      13050  13060  13070  13080  13090  13100  13110  13120
Human      AAGTTATCACGAGATTTTTTTGAGCAGTACTTCTTTTTTAAAACATATAATGAATTTTAGACACAATAGTATCATGAA 13104
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AGTTTCTACTGCCTGTCCCTCACTTCTCATATTTATCTCCAGGCTTCTTCCCCTTGTCAGATGAATGTTGGGGGCAGAA 9611
    
```

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Majority -----
      13130  13140  13150  13160  13170  13180  13190  13200
Human    CCATTGTGTATCTATCATTTCAGTCCCAAAACCATTAGTAACCCATAGCTAAAATGATGATATCCACACTCTGCTTTTCC 13184
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AGAACTTTTTGAACTTTGCACATTTAGAGAGAGGTCAGAGATTGACTCTGTGTACACAAGTTTGCAGAGGGACAGTAG 9691
    
```

```

Majority -----
      13210  13220  13230  13240  13250  13260  13270  13280
Human    ACTTCTGTTATTTTGAGATAAAATTCAGATATTCATATTTGTTTTATCTGTAAAGGCTTCAGTGTATATCTTTAAAGAATA 13264
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GTTGAGGCTGTTATTTCTCACCTCTATATATGATTTATTTATTAATAAATATTTGTTGTTAACAAGTGTGTTATCTC 9771
    
```

```

Majority -----
      13290  13300  13310  13320  13330  13340  13350  13360
Human    GGGACTCTCCTCTCCTTTTTAAATATAATCAAAGACTGTTAGGACACACACACAAAGTTACCTCATAATTATAAAATGT 13344
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GGAAACACAAATCCAGTTTGAGAACTGCAAAGCTAAGCATCTTTGATGGTGTTCCTAGACCAGTGCTTCTCAAAGTGG 9851
    
```

```

Majority -----
      13370  13380  13390  13400  13410  13420  13430  13440
Human    CAAATTTGTATTAAAATTTCTAATTGCTCTATAAAAGTCATAGTATTTTTATAGGGTTTTTTTTTTAGTGGGGGAAGGA 13424
Kakapo   ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GGTCTG---CAGACTGGTGCCGGTCCACGAGCCATCAGCTGCCAGTCCGCAACGAGTTTCCTCATAAGAGCGTCAAAT 9927
    
```

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Majority      -----
              |-----|
              |13450  13460  13470  13480  13490  13500  13510  13520|
              |-----|
Human          GTCACGATAAAATAAGATCAGCAAATTTAACAGGTCGTTATTACCTCTTAAATATCTTTTAATGTACAAGCTCTCCGTTTC 13504
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGGATAATAACATGGCACCTGTCCCTGACACATTGGGGAAAAAAAAAATTGCTGGTCCCCACATCAGATAGTGCTCAGTC 10007

```

```

Majority      -----
              |-----|
              |13530  13540  13550  13560  13570  13580  13590  13600|
              |-----|
Human          CTGTTTTTTGTTTTTTTTTAAAGTTGCATTTTCATTTGTTGAAGAAAACCTGGTTATTGGTCTTACACAGTTGCCTATAGAC 13584
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseTAGAACAGTGCTTCTCAAGCTAAGTCCCATTGGGTAGATAGAAGATGAACCTAAATAATCTATACAGAAGCCCCTGGAA 10087

```

```

Majority      -----
              |-----|
              |13610  13620  13630  13640  13650  13660  13670  13680|
              |-----|
Human          TACATTTACTGATTGCGTTATGATTTTGTAATTTAGTATGTTTTCCATATTTCCAGTAAATTGGTAGTTAGATCTAGAGA 13664
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATCCATAAAATTGGGTCCCTAATCCATGCACTGTTGGAACCTCTTAACGAAACTTTTCTTAAACATTACATGAATATATT 10167

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```

Majority      -----
              |-----|
              |13690  13700  13710  13720  13730  13740  13750  13760|
              |-----|
Human          CTTGCTCAGGGTCTCTATTTTTTTGGTAATATTTTTAAGTGGTGGGTTTTTTATTTCTGTTAGACATGGTTTCTGACTTTT 13744
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTCTCATACTATAGAATTAGAATTTATAATCCCTATTCCATGAGGAGATACATTATAGTTCAAAGGTATCTTTATTAATA 10247

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Majority -----
                |-----|
                |13770  13780  13790  13800  13810  13820  13830  13840|
                |-----|
Human           |CGTGTATGTCATGTTTTTCCCAGGAACATTTCTTATACTTTACCTTGTTTGTGCTAGGCATAGTCTGTGCTCAATAATTG| 13824
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|eTGTCCTTTAGATAAGATGCTTTTTGAGGGGGAAAAGCATATCAAAAATCCAATTTTAAATTTAAAAAAATCCATTTTTTT| 10327
    
```

```

Majority -----
                |-----|
                |13850  13860  13870  13880  13890  13900  13910  13920|
                |-----|
Human           |TTCCTTTTTTTTTTCTTTTTTTTTTTTTTTTTTCTCCTGCTTTTTGAGAGACAAGAGTCTTGCCCTGTTGCCCAGGCTGGA| 13904
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|eTAAAAATAATTGATTTTTATCCACCCTGGTATTTACGGTTCCCAGAAGCCTGAAAGGCAAAACCTCTGTGGGCTCTCCCC| 10407
    
```

```

Majority -----
                |-----|
                |13930  13940  13950  13960  13970  13980  13990  14000|
                |-----|
Human           |GTGCAGTGGCCCAATCTCAGCTCAGTGCAACCTCTGCCTCCCGGATTCAAGCGATTCTCCTGCCTCAGCTTCCCAAGTAG| 13984
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|eTAGGTGAACTCCTAGGCAAACCTCCTCTGTTTGCTTCTCCTCTGTTCAGTCTCACTAGGTTGGCAGCTGGCTGCCTTTT| 10487
    
```

```

Majority -----
                |-----|
                |14010  14020  14030  14040  14050  14060  14070  14080|
                |-----|
Human           |CTGGAACTACAGGCGCCTGCCACTACACCTGGCTAATTTTTGTGTTTTTAGTAGGGATGGGGTTTCACCACGTTGGCCAG| 14064
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|aTAAGGCTGCTGGCTCAAACAAGTTACCCAGGTTTGAAGCCTCACCTGGTTCACACTTCAGTCAACCACTCAGGACTCA| 10567
    
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Majority -----
                |-----|
                |         |         |         |         |         |         |         |
                |14090  |14100  |14110  |14120  |14130  |14140  |14150  |14160  |
                |-----|-----|-----|-----|-----|-----|-----|-----|
Human           |GCTGACTTGGAACTCCTGACCTCAAGTGATCTGCCACCTTGGCTTCCCAAAGTGCTGGGATTATAGGCATGAGCCACTG| 14144
Kakapo         |-----|-----|-----|-----|-----|-----|-----|-----|
GoldenEagle    |-----|-----|-----|-----|-----|-----|-----|-----|
JapaneseQuail  |-----|-----|-----|-----|-----|-----|-----|-----|
MediumGroundFinch|-----|-----|-----|-----|-----|-----|-----|-----|
GoodesThornscrubTortoise|CAGGAACAAAGTTCTCCAAGTCACACTTTTCAAACAGGCATGCAGTCAAGCAGTCCCTGCAGTTAGCAGCAGTCAAACA| 10647
    
```

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Majority -----
                |-----|
                |         |         |         |         |         |         |         |
                |14170  |14180  |14190  |14200  |14210  |14220  |14230  |14240  |
                |-----|-----|-----|-----|-----|-----|-----|-----|
Human           |TGCCTGGCCAATAAGTGTCTCTTAATGAGTATTCTTAAAGGATATCTAAAAAGAAATGTAACCTAAAATTCACATAATAG| 14224
Kakapo         |-----|-----|-----|-----|-----|-----|-----|-----|
GoldenEagle    |-----|-----|-----|-----|-----|-----|-----|-----|
JapaneseQuail  |-----|-----|-----|-----|-----|-----|-----|-----|
MediumGroundFinch|-----|-----|-----|-----|-----|-----|-----|-----|
GoodesThornscrubTortoise|TAGCCAAACAATGGTCACAGCAGACAGACGCTCAAATCTTACCCACCAGCTCACAACACAGCCCCTCTAATGCAGCA| 10727
    
```

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Majority -----
                |-----|
                |         |         |         |         |         |         |         |
                |14250  |14260  |14270  |14280  |14290  |14300  |14310  |14320  |
                |-----|-----|-----|-----|-----|-----|-----|-----|
Human           |TAATACTATACAGTATTAACATTTAATGTAAGTTGGAAC TATTGATGGTGGACAAGAATGTTTTCTTGTC AAGAACATAC| 14304
Kakapo         |-----|-----|-----|-----|-----|-----|-----|-----|
GoldenEagle    |-----|-----|-----|-----|-----|-----|-----|-----|
JapaneseQuail  |-----|-----|-----|-----|-----|-----|-----|-----|
MediumGroundFinch|-----|-----|-----|-----|-----|-----|-----|-----|
GoodesThornscrubTortoise|CTACCTCAAAGCACTGACCATAGTTTCTCTTGGATGGTCCCAGACAATTTCCCTGTTTGCTGCTCATCCTGAGTCCT| 10807
    
```

```

Majority -----
                |-----|
                |         |         |         |         |         |         |         |
                |14330  |14340  |14350  |14360  |14370  |14380  |14390  |14400  |
                |-----|-----|-----|-----|-----|-----|-----|-----|
Human           |GATTTAGAATGAAAAGATGAGGGTTTGACTTTTATAGCATTGAACAGGTTAACCTCTGAGCTTCAGTTTTATACATTTTT| 14384
Kakapo         |-----|-----|-----|-----|-----|-----|-----|-----|
GoldenEagle    |-----|-----|-----|-----|-----|-----|-----|-----|
JapaneseQuail  |-----|-----|-----|-----|-----|-----|-----|-----|
MediumGroundFinch|-----|-----|-----|-----|-----|-----|-----|-----|
GoodesThornscrubTortoise|TTCTGTCTCTGCTTCTCTGGCTCAGATGCTCCATGGGTGTGGAGGAGGAGACCCTGAAGGCTGCAGTGGCAGCAGCTG| 10887
    
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Majority -----
      14410   14420   14430   14440   14450   14460   14470   14480
Human AAATGGTTTCAGTTGTACCTACTTCCAAAATTATTTTGAATGTTAGATGAGATGAGGAAAAGACTTATGCTGAAAGGATG 14464
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGAGATAAAACATATGGATGTACTATTGTCTGTGTAGTCACGATGGAAAGTGACATTTAATATGCAGAACTCACTCTCTTT 10967
    
```

```

Majority -----
      14490   14500   14510   14520   14530   14540   14550   14560
Human AGAATGGTTTGTGTTGTAGTTCTTTAATCTGTAAATCTACATTTGGAAGGAACACTTTTATGGAAATCAAATACAGTAAA 14544
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGCTCCCTAAAGTTTTAGGCACTATATTCTCAGTTCTGCTTGGGGTATTTTGTGCACCATGCCAGTCACAGGACCAGTCGT 11047
    
```

```

Majority -----
      14570   14580   14590   14600   14610   14620   14630   14640
Human TTAATTTCTAAGAGGTCTGGAGTTCAGGTTAAAAATAGCCTCAGACAGCACTAAATATCTTTATTAGTGAACAAAAAAA 14624
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTTGAGTAGTGCCCCACCCACGCTAGAGTTTGGGGAAATGAGGAAAGAATTATTCGGTTGCATGAATCTAAAAGTATA 11127
    
```

```

Majority -----
      14650   14660   14670   14680   14690   14700   14710   14720
Human TAAAAATAACTTGAATTTAGCACAGAGAAGCAAAGAGATGAAAATAGGAGAAGCGTTAAAAATGTGTTGGAAAGGAAGA 14704
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTTGTAATGACACTGAATTCTGGTTCTGTTTTCCACAGGCAGGAGTGGCTTTTAGATCAGGAGTGAGCAAACATTTTGGCCT 11207
    
```

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Majority -----
                |-----|
                |14730  14740  14750  14760  14770  14780  14790  14800|
                |-----|
Human           |GAAGTTCTAACAAACATCTAATTAGCGTTCCAGAAATTAAGATTGCAGAAAGGCCAAAATTTGAAATGCTAAAGGCTGAT| 14784
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |GAGGGCCACATCTGGGTATGGAAATTGTATGGTGGGCCATGAATGCTCACAAAACGGGGGTGGGGATGAGGACTCCAGCT| 11287
    
```

```

Majority -----
                |-----|
                |14810  14820  14830  14840  14850  14860  14870  14880|
                |-----|
Human           |AATTTTTCAGAATTGGTGAGCTATATGAGTTCTTAGATTTAGGAGGCACAAGAAAACCTGGACACATAACAGTAAAAGAG| 14864
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |GAGGGATGCAGACTCTGGGGATGAGGGGGTTGGGGTGCAGGAGGGGATCAGGGGTGCAGGCTCCGGGCGGCACTTACCTC| 11367
    
```

```

Majority -----
                |-----|
                |14890  14900  14910  14920  14930  14940  14950  14960|
                |-----|
Human           |CAGAGCACCAAAGACATAGAGATCTTTAAAGCAGCCAGAGAAAATCAGATTCCCTAAAGAATAAGAACTAGAAAAGT---C| 14941
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |AAGCTGCTCCCGTAAGTAGCGACATGTCTCTCCCTCCGGCTCTATGTGAAGGCATAGCCAGGCAGCTCTGCACACTGCC| 11447
    
```

```

Majority -----
                |-----|
                |14970  14980  14990  15000  15010  15020  15030  15040|
                |-----|
Human           |CTAATATGCTTCATCAGCATGGGCATCCAGAAGATAGTGGAAATAATATTTTCAATGTGTTGAGTGAAAATAGCTGCCCAC| 15021
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |CATCCACAGGTGCCCTCCCTGCAGTTCCTCCACTGGCCGTGGTTCCAGCCAATGGGAGCTGTGGGGCGGCATTTGGGGCGG| 11527
    
```

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```
Majority -----  
15050 15060 15070 15080 15090 15100 15110 15120  
Human CTGTTATTTTATAGCCAGCCAAATTATCATATAAGGAGAAGAACAAAATAAAGACACTTTTGGAAACACGTCATTCTGCC 15101  
Kakapo ----- 0  
GoldenEagle ----- 0  
JapaneseQuail ----- 0  
MediumGroundFinch ----- 0  
GoodesThornscrubTortoiseGGGCAGTGCAGAGCCCCCTGGCTGCCGTACATGTAGGAGCTGGAGGGAGGACATGCTGTTGCTTCCAGGAACGCGCAG 11607
```

```
Majority -----  
15130 15140 15150 15160 15170 15180 15190 15200  
Human TCCAAAAAAGCAATTTAGGAAATGTATCAACAGACCCACTGAAGGAATTTCTGGAGTTTGTACTTCAGGAAGAAAGCCAA 15181  
Kakapo ----- 0  
GoldenEagle ----- 0  
JapaneseQuail ----- 0  
MediumGroundFinch ----- 0  
GoodesThornscrubTortoiseAGCCACAACATGAGCGGAGCAGGGCAAGCCCCAGACCCCGCTTGCCGATGGGAGCTTGAGGGCCAGATTAAATAGTGGA 11687
```

```
Majority -----  
15210 15220 15230 15240 15250 15260 15270 15280  
Human TGACACCAGAAAGGAAGTCTGATATAGAAGTGAGGCTAATCAAGAAATTGGTAGGTCTGTGAGTAAATCTAATTACTGAC 15261  
Kakapo ----- 0  
GoldenEagle ----- 0  
JapaneseQuail ----- 0  
MediumGroundFinch ----- 0  
GoodesThornscrubTortoiseGAGGCTGTAGTTTGCACACCCCTGTTTTAGCTGATATCTTACTCCTGCAGGTAGATCAATCAAATATTTAATTTTAGCT 11767
```

```
Majority -----  
15290 15300 15310 15320 15330 15340 15350 15360  
Human CATATAAGAATGTAATAGCAGTGATTGATAAGGGGTTTTAAAAATAGAATTAATAATCATAACAATATGTGAGA 15341  
Kakapo ----- 0  
GoldenEagle ----- 0  
JapaneseQuail ----- 0  
MediumGroundFinch ----- 0  
GoodesThornscrubTortoiseCCTGAAGAAATTCCTTAAGTCTATATAAATTGTATATTTATGTATAACCTATGCATCTAATTCCTCAAGTATAAGTATTT 11847
```


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Majority -----
      15370  15380  15390  15400  15410  15420  15430  15440
Human   GAGTGGTAGAGACTGGAGTTTGAGTTCTGATGATCTAGTATTGATTGGAGCTGTGTTGTCTAGTTACAGTAGCTACTAG 15421
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AAAAATGGATAAATCAGAAATTTGTATTTACCTGGCTTCTTTATAACCAAATTCAGATGGCTTAACTACTTTATATT 11927
    
```

```

Majority -----
      15450  15460  15470  15480  15490  15500  15510  15520
Human   TCATTTGTTACTGAGCACTTGACATGTATGTAGTTTAAGTTGATCTTCTACTTAATTGAAAAATACACATTTCTGAGCCT 15501
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @CATACCTGAGAAAATACTGCAATCTTCTCATTACAACTTTCCATTTCTCTCAACTGTA AAAATCTTGGCTAATCAAATA 12007
    
```

```

Majority -----
      15530  15540  15550  15560  15570  15580  15590  15600
Human   TAGTCTGAAAGAAGAATGTAAAATATCCCAAGTTTTCATATTGGTTACATGTACAGCGGATAATATTTTGGTATTTTGGG 15581
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @A-TAAAAATTCAGCCTGCCCAAACCATGGATTTAAGGTATTGTCTTCTGTACACAAATGATGATTTTACCTACCTGA 12086
    
```

```

Majority -----
      15610  15620  15630  15640  15650  15660  15670  15680
Human   TTAAATGAAATACATTATGTGTGTTGCCTTTTCCTCTTTTTTTCCTTTCTTTTAAAGATAGGGTCTTGCTCTGTCCAC 15661
Kakapo  ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @CAGCAGTGAGTGCT----GGGTGAGAGAGTTAGGGCCCTAACTGAACTAATTAAGGATAGTCTGACAACCTCTGTGC 12161
    
```

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```

Majority -----
                |-----|
                |15690  15700  15710  15720  15730  15740  15750  15760|
Human           |CAGGCTGGAGTGCCGTGGCATGATCATGGCAGCCTCAACCTCCTGGGCTCCAGTGACCCTCCCACCTCAGCCTCCCAAGT| 15741
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GTTAAGGACAATGGAAGTCTTGGGGAAAACATCAAGCTGGAGCGGAGGGAAATGAGCCCATCATTGGGACTCTACTTGT| 12241
    
```

```

Majority -----
                |-----|
                |15770  15780  15790  15800  15810  15820  15830  15840|
Human           |AGCTGGGACTACAGTTGTGTGCCACCACACCTGGCTAATTTTTGAGTTTTTTTTTTGTAGAGACAGCGTCTCGCTGTATCG| 15821
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AGATGATGATGATGTATTTCGCTCACACTGAGGATTCCATTCTGGGGGAGGGAACCCAGTTATTAGGAAGAGACAGGTAA| 12321
    
```

```

Majority -----
                |-----|
                |15850  15860  15870  15880  15890  15900  15910  15920|
Human           |CTTAGGCTGGTCTCAAACCTCCTGGGCTCAAAGTGATCCTCCTGCTTTAGCCTTGCAAAGTGCTGGGATTACAGGACTGAGT| 15901
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AGTAGTAGGAGATCTGATTATTAGAAATATAGATAGTTGGGTTTGTGATGATTGGGAATACAAATGGTGGATTGTCTGC| 12401
    
```

```

Majority -----
                |-----|
                |15930  15940  15950  15960  15970  15980  15990  16000|
Human           |CTGGCCACCTTTTTCTTTCTTTCTTTTTTTTTTAGACGGAGTCTCCCTTTGTTGCCAGGCTGGAGTACAGTGGCTCTAT| 15981
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AGAGAGAAGGTTGTGGACGTCATGAGTCAATTTAGGTGAATTTTTGTGATGTGCTGGGAAGAACCAGTGATCATGGTAC| 12481
    
```

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Majority -----
                16010   16020   16030   16040   16050   16060   16070   16080
Human          CTCTGCTTCCTGCAAGCTCTGCCTCCTGGGTTTCAGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGCG 16061
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATGCAAGTACCAGTGACATAGGAAAAAGTAGGAAAGAGGTCTCGAAGCCAAATTTGGGCTACTTGGTAAGAGATTAAAG 12561
    
```

```

Majority -----
                16090   16100   16110   16120   16130   16140   16150   16160
Human          CCTGCCACCACACCCGGCTAATTTTTTGTATTTTTTAGTAGAGATGGGTTTTACCATGGTCTCGATCTCCTGACCTCCTGA 16141
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATACAAGACCTCCTTGGTGGCATTTTCTGATATGCTTCCAGCTCCATGTGCAGGACTAGTTAGACAGGCAGAACTGCAGGA 12641
    
```

```

Majority -----
                16170   16180   16190   16200   16210   16220   16230   16240
Human          TCTGCCACCCTGGCTCCCAAAGTGTGGGATTACAGGCGTGAGCCACTGCGACCGGCCACTTTTTCTTTTTACTTTT 16221
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATCTCAGTGTGTGGATGAAATGTTGGTGTGTTGAAGGAGGGATTTAGGTTTATTAGGAACTGGGGAACTTTTTGCGAGAGGA 12721
    
```

```

Majority -----
                16250   16260   16270   16280   16290   16300   16310   16320
Human          AAAAATGTGGCTAATAGAAATTTATGAGATTATATTTATGGTTCATACTACGTTTCTTTTGGACAGTGCCAGAGTGAATC 16301
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ATGAGCCTATCCTGGCAGAATGGGCTTCTCATAACCCAAAAGGGAACCAGATTGCTGGCATGTAAAATTA AAAAAGGTCGTA 12801
    
```

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Majority -----
                |-----|
                |16330  16340  16350  16360  16370  16380  16390  16400|
                |-----|
Human           |AGATAAGCTTGCATTTTAAAAATCCTAAGGGTAAATGCAATAGAGATAGAACGCAAATAATTGGGGAGGGGGGTGACTGA| 16381
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GAGGAGGTTAGAAACTAAGAG--CTGAGGGAAAGCTGACGGGTGTATAGAAGCACACAGTTTAGAAAGAGACATTCCATA| 12879
    
```

```

Majority -----
                |-----|
                |16410  16420  16430  16440  16450  16460  16470  16480|
                |-----|
Human           |AATTAAAGATGTATAATCCAAAAGAAGGCAAAAAAAGGAAAGACACAAAGTGAGCTTATATGTTAATAGCGTGGAAAG| 16461
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GAGGAGTATTTTATTAATGGGGTATTCTATATCCTAGTAAAGAGTAGGGGGTAGCAGCTGATGATAAAGTACAGGTAGG| 12959
    
```

```

Majority -----
                |-----|
                |16490  16500  16510  16520  16530  16540  16550  16560|
                |-----|
Human           |GTTCTATGAAGGGTGTGTTTAGAGCCTTTAAGGGCAAAATTTTCTTGTCTGGTTGCAGGAAAGAGTGGCATTGTTTTTGT| 16541
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AAGTGAAGAGAAACAGTCAAATGAAAAAGATTCCCTTTAGTTACATCACATGAAAGCAGACATCTAAATATTAGCAAAT| 13039
    
```

```

Majority -----
                |-----|
                |16570  16580  16590  16600  16610  16620  16630  16640|
                |-----|
Human           |CACTTTTAAAGCTACAAAAACAAGTAATGATGAGGAAATTTGGGACATGTTGAGGAAGTAAGTAATTTTTTGGAAATGTAG| 16621
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|ATTATAAGTGCTTGTTTACAAATGCTAGAAATCTAAATACTTAAATGCGTGAAGTGGAGTGCCTGGTGTAAATGAAGAT| 13119
    
```

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Majority -----
                |-----|
                |16650  16660  16670  16680  16690  16700  16710  16720|
                |-----|
Human            |GTTGAGTTAGAGTAGTAGAAGACAAAATTTAAAAAGTAGTTTTTGACAGTAATATGGAGAGCTTTGAGTGCAAAGGATTT| 16701
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|ACTGGTATAACA-AGAATCACAGAAATTTTCGTGAGATGATGATAAAACAATGGCACAGAGTAATACCAGGGTACAAAATAT| 13198
    
```

```

Majority -----
                |-----|
                |16730  16740  16750  16760  16770  16780  16790  16800|
                |-----|
Human            |GCAGTGAGGACCTTTGAAAATTGAACCTGCTTTCTCCTATCAGTATTTATGTTTAAATAAACTTGATTCTTTGTGAGTAT| 16781
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|ATAGGAATAACAGAGTAGGTTGCACTGGGTGGGGGGGGGGGAGAGAGGAGAGAAAGTGGTACTGTATGTGAAAGA| 13278
    
```

```

Majority -----
                |-----|
                |16810  16820  16830  16840  16850  16860  16870  16880|
                |-----|
Human            |TGTTATATATGTTTTTCATAACTACTGTTGTAGTAACGTTTCTTTTTTTTTTACTAGCTTGCTTTCATGCCACGCTGTTGAT| 16861
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|CAGCATAGAATCGAATAAAGTAAAGTTTCATTCATTCAAGACAGTACCATAGAATATGTATGAGTAGAATTTCCATTCT| 13358
    
```

```

Majority -----
                |-----|
                |16890  16900  16910  16920  16930  16940  16950  16960|
                |-----|
Human            |TAAATATTTATGGGCCATTTTAAGGCTTCTAATCTTCATTTGTGATGAACTTTTGAGGAAGAGTTAGGTTTTGTAAGTGT| 16941
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|TAAATAACAGTATAGCAATAGTAATTGCTTGATCAGGATGGTGATGGTGATTGTGAAATGCTCAGGGAGATTAGCAGTTA| 13438
    
```

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Majority -----
                |-----|
                |16970  16980  16990  17000  17010  17020  17030  17040|
-----|-----|
Human      TGAACTCCAATAAAC-----ACAGTTCCTTCTCAGAAAGATACTTTGCTATTTGATACAGATAGTTGT 17016
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCAAAAACAGAAAACCCAGTAATAATGGAGGATTTTCAGCTATGCTCATACTGACTGGGTAAATGTCACCTCAGGATGGAAT 13518
    
```

```

Majority -----
                |-----|
                |17050  17060  17070  17080  17090  17100  17110  17120|
-----|-----|
Human      CTAGGCAAGCTATTAGCAGGGTTTCAGGTAAGACATATGTGTTTGCTATTTGTTTTAAGCACTCTTCCCTCATTATTCA 17096
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCAGAGAAATTTTTGGTCCCCATTTCATGACTGTTTCTTGAGGCAACTACTTCTGGGAACCCACAGGGGGAGAGGCAGTTT 13598
    
```

```

Majority -----
                |-----|
                |17130  17140  17150  17160  17170  17180  17190  17200|
-----|-----|
Human      AATTGTAGCAAACATCTACTACACCCATTTCCAGTTCTTTGTCTTAAATAGTTCAACTATTATAAAAAGGAGTGGTATATA 17176
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTGATTTAGTCCTAAATGGAACACAGGATCTGGTCCAACGAGTCAATATAGCCAAACTGCTCAGTAATAGCTACCATAAT 13678
    
```

```

Majority -----
                |-----|
                |17210  17220  17230  17240  17250  17260  17270  17280|
-----|-----|
Human      TATATATAAACTCTTGCTTGGCTTTGGTTTGATTGAATTAATAAGGTGAGTTTTTTTTGTTTGTGTTTGTGATGGAG 17256
Kakapo     ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATAATTAATTTTCACATCCTTGTAGGGGGGAAAATACCAAAGAAACCCACCACAGTAGCAGTTTAAGTTAAAAAAGGGGA 13758
    
```

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Majority -----
      17290  17300  17310  17320  17330  17340  17350  17360
Human      TCTCGCTCTGTTGCCAGGCTGGAGTGCAGTGGTGGGATCTCGGCTCACTGCAGGCCATTCTCCTGCCTC-AGCCTCCCG 17335
Kakapo      ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise ACTACACAAAAATGTGAGAGCTAGTTAAATTGAAATTTAAAGGAACAGTTATGAATGAAATGCTTGCATGGAAACTATTT 13838
    
```

```

Majority -----
      17370  17380  17390  17400  17410  17420  17430  17440
Human      AGTAGCTGGGACTGCAGGTGCCTGCCACCACACCTGGCTAATTTTTTGTATTTTTAGTAGAGATGGGGTTTCACCGTGTT 17415
Kakapo      ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AAAACACCATAGCAGAAGCCAGACTAAATGTATATCCCAAATTTAAAAAAAATAAAAAAAAAATACAGTAAGAGGACCA 13918
    
```

```

Majority -----
      17450  17460  17470  17480  17490  17500  17510  17520
Human      AGCCAGGATGGTCTAGATCTCCTGACCTTGTGATCCGCCCGCTCGGAAATACTTTGCATTGTTGGATTGATTGGGTTTG 17495
Kakapo      ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AGGCTAAACAATGAAGAGCCGGTTAGATGCAAAAAGACACACTTAAAAAAATTCATAATAAAATCCTACTGAGGATAACA 13998
    
```

```

Majority -----
      17530  17540  17550  17560  17570  17580  17590  17600
Human      AGCCCTGTTGTACTTAAGTGATTATGAACAAGTCTTTTATAATCTGAATTTCCCTTTCCTAGTTTGTAATATTGAGGAT 17575
Kakapo      ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise TAAACTAGCAAGTCAAGTGTAATGTAGAATGAGGCAGGACAAAAAGAATTTAAAGAGCAATTAGCAGAAAACACATCA 14078
    
```

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Majority -----
      |-----|
      |17610  17620  17630  17640  17650  17660  17670  17680|
      |-----|
Human  AATAATTTCTAACTTGCATGATTGTTGTGAAGATTAAATAAGACAATGATATTGGTAGGAGCTCTTTATAATCTTTCTCT 17655
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCCTTCGTATCAGTGCACATAACAAAATTCATGTGGGGTGGAGCCAAGGGGTTCGGAGTGTGGGAAGGGGCTCAGGCTGGG 14158
    
```

```

Majority -----
      |-----|
      |17690  17700  17710  17720  17730  17740  17750  17760|
      |-----|
Human  CTTATGTACAATTCAAATATATGTCCGTTTAAATACCAAATACCACCTTTAAAAAATCTGGGCTGAAATGGACACTTCTA 17735
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseACAGGGTGCAGGGCTTGGGTGCAGGGCTCTGAGGGCTCCAGCTGTGGGTTTCAGGCTCTGGCGTGGGTCTGGAGATGGGCT 14238
    
```

```

Majority -----
      |-----|
      |17770  17780  17790  17800  17810  17820  17830  17840|
      |-----|
Human  ATGTAGGAGTAGTGCTTTAGAAAATAATGCTTTGTTTCGTATTCTTTTCCTAGTATTTTATGTCTAGTAACTCATAAGGA 17815
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCAGGGCTGGGGCAGAGGGTTGTGGTGCAGGGGTGTGAGGGCTCCGGCTGGAGGATGTGCTCTGGGATGAGGTCAGGGATG 14318
    
```

```

Majority -----
      |-----|
      |17850  17860  17870  17880  17890  17900  17910  17920|
      |-----|
Human  AAAAATGATCAGATAAGTATATTTTTAGATGCTGATTACAGCATTATTTAAATAGTAGAAATAACAACCTGTTTCAGTGAT 17895
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGGGGCTCAGGGCTAGAGAAAGGATTGGGGTACAGGAGTTGAGGGCTCAGAGGTGGGACTGGAGATGAGGGGTTTGGAGGT 14398
    
```


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Majority -----
                |-----|
                |17930  17940  17950  17960  17970  17980  17990  18000|
                |-----|
Human           |AAGACAATGAATAAATTCTGTTCATAAACATTACAAATGTTTTTTTAAATATTTTTTCATATGTGTGAAAAGTAGGATTAAA| 17975
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|CAGGAGCGTGCTTAGGGGCTACAGCTGGGAGAGAGGACCCCACTCTCTCTCCCGCAGCAGCAGCAGCACCAGC| 14478
    
```

```

Majority -----
                |-----|
                |18010  18020  18030  18040  18050  18060  18070  18080|
                |-----|
Human           |AATAACTTTGACAAATGCATAACAATTTATATGTGTCCCCAAAAGCTGGAGGGCAGTGTACCAAATAGAGTAGTTTTTCTC| 18055
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AGCACTGGGTGGCGGGGAGATGCCTCTCCCTGCTACAGCAGCTCTGGGGTTGGGGCTGCAGGATAGGCTCCCCTTCCC| 14558
    
```

```

Majority -----
                |-----|
                |18090  18100  18110  18120  18130  18140  18150  18160|
                |-----|
Human           |CAGGTTGA--TGGGATTAGTTTTTTGTAATTCTTTATATATTTTCTCTATATTCACATTTTAAGTATTTTATGATAAAG| 18133
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GATTGGGCTTCCCAGCCATGGCTGGGTCTGGGCCACTCTGGTCATGCTTGAGGCTAGCCCGGGCTGTGCCACAGCAAGA| 14638
    
```

```

Majority -----
                |-----|
                |18170  18180  18190  18200  18210  18220  18230  18240|
                |-----|
Human           |TTATTAATATTGATAAAGTTATTAATGTTGCTTAATTGATTAAACCCTGATATTTTCTTGTTTCTTTAAAAAACGTTGCA| 18213
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|CTGGGGCCAGAGGAGGGGCGCCCTGCACCCTTGCTGCACCAGATTGTGGGCCAGGCTAGGTGGGGCCGGGAAGGGAT| 14718
    
```

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Majority -----
                |-----|
                |18250  18260  18270  18280  18290  18300  18310  18320|
                |-----|
Human           |TAAC TTGATATAAATCTTTTAAATTGTACAAAAAACACATAAAATTTACTATCTTAACCATTTTAAAGTGTACACTTAA| 18293
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|CCCCCTCCACCGGCCCGCCGGTCCCCAACAGGTTCCCTTAAGCACCTGCGCAGTACTAAACAGGCTGCTGCGTGGCCA| 14798
    
```

```

Majority -----
                |-----|
                |18330  18340  18350  18360  18370  18380  18390  18400|
                |-----|
Human           |ATTGTTTAAATTATTCTTATACGTACTTAATAATATTACATTGCAAAACCCATCTCCAGAACTTTTGGAGAACTGAAACT| 18373
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GTCAGCTTCCAGGAACTTAGATGAGAAGTGAGGAAGAGGGAGAGGACTTATAGGAGAAATGAGGACACGTATGCATGTA| 14878
    
```

```

Majority -----
                |-----|
                |18410  18420  18430  18440  18450  18460  18470  18480|
                |-----|
Human           |CTATACTGATTTTAAACTCCCTCTTTTGTCTTCTGCTGGTAACCAGCATTCTATTTTCTGTGTCTATGAATTTGACTA| 18453
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|ATGTCTAATTAGTTAGAGAAAGACAAGTGAAC TAAAACAAATTACAGCAATGAGTTACCACCTGTTGGAATACAGAGTT| 14958
    
```

```

Majority -----
                |-----|
                |18490  18500  18510  18520  18530  18540  18550  18560|
                |-----|
Human           |CTTTAAATACCTCACATAAGTGGAAATTATACAGTATAGGTTAAGCATCCCTAATCTGAAAATCCAAAGTCTGAATGCTAC| 18533
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|CTTGGGCTGGTCTACGCACAGTTCTTGTCTGATTTAACTAAATTTGATTTTAAATCAGTAAAAAACTGTTTAGACAAGTC| 15038
    
```

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Majority -----
      |-----|
      |18570  18580  18590  18600  18610  18620  18630  18640|
      |-----|
Human  AAAATCTGAAACTGGTGTGTGTTTTTTTTTTTTTTTTTTTTTTTGGAGACGGAGTCTTACTCTGTCGCCAGGCTGGA 18613
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTTTGTCTGTATGGTGATGTGGCAGGGATGAAACTGGGGAGTTTTGTAGCACGCCAGTGAACCTGCATGGAATTTCTTTT 15118
    
```

```

Majority -----
      |-----|
      |18650  18660  18670  18680  18690  18700  18710  18720|
      |-----|
Human  GTGCAGTGGCGGATCTCTGCTCACTGCAAGCTCCACCACCCGGGTTACGCCATCTTCCTGAGTAGCTGGGACTACAGG 18693
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GACTATAGGTAGGATGAGAATGTGTATGGATGTAACATCATATCTTGGGGCCCTGGCCTTGGGGAGTCTAGTGATACTA 15198
    
```

```

Majority -----
      |-----|
      |18730  18740  18750  18760  18770  18780  18790  18800|
      |-----|
Human  CGCCCGCCACCACGCCCGCTAATTTTTTGTATATATATATATATTTTTTTAGTAGAGACGGGGTTTCACTGTAGCCAGGA 18773
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GTTGCTATACAAAGTGAGTTGGTTTTCTGTTAGTTAT-----TTTTGGAGCAGATTGGGGATATTGCTGTTTGAGG 15269
    
```

```

Majority -----
      |-----|
      |18810  18820  18830  18840  18850  18860  18870  18880|
      |-----|
Human  TGGACTCTTATCTCCCACCTCGTGATCCGCCTGCCTCGGCTCCCAAAGTGCTGGGATTACAGGCCTGAGCCACCGCGC 18853
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CAGTGTGTAAGGTAAGATGTCTATACATAAATGCACGTCTCTTCACTAAATAAGCATAAACCAAATAATATGCATGCT 15349
    
```

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Majority -----
      |-----|
      |18890 18900 18910 18920 18930 18940 18950 18960|
      |-----|
Human  CTGGCCAATCTGAAACTTTTTGAGCACTTACTTGATGCTCAAAGGAAGTGCTTAGTGGAGCATTTTGGATTTTAGATTTT 18933
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTATTTTCACTAAAAATTCATCATGTGACAACAGAATATT--AATTAATTCATATCTATCTATCATGCAAATTGAAATCT 15427
    
```

```

Majority -----
      |-----|
      |18970 18980 18990 19000 19010 19020 19030 19040|
      |-----|
Human  CAGATTAGGAATGCTCAGGTTGTGTTTGTCTCTTTTGTGACTGGCTTATATTCACTTAATATAAATGTCTCAGGGTCCATC 19013
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTAAATGAGTGCTTATTGTTCTGTGCCCTCTCCTTCCCCCAATGTACTACCTCAAACCTCTTAGTATTTTCATCCCTGGA 15507
    
```

```

Majority -----
      |-----|
      |19050 19060 19070 19080 19090 19100 19110 19120|
      |-----|
Human  CATTTTGTAGCATGTGACAAGATTTCTCCCTTTTTAAGGCTACATAGCATTCCATTGTGGTACACAAAAGTTCATTTGA 19093
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGACAATGTGTTTTTTTTAAATCCTGAAGACACTTTATATTTTGGATTTGCAAGAAATTTACACTGAAGAAGAAATGACTCAA 15587
    
```

```

Majority -----
      |-----|
      |19130 19140 19150 19160 19170 19180 19190 19200|
      |-----|
Human  AGCCCCCTGTGTCATAAATCAGACTTCCATAACAAAATACCATAGACTGAGTGACTTAAAAACAGAGATTCGTTTTTCTC 19173
Kakapo ----- 0
GoldenEagle ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGCTACTGGAATGGTAGTCACTGATTATTTTGAACACTTTTTTTTTGAATGCTGCTACTCCTCCATCATACTGCTAGTTTTTC 15667
    
```

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Majority -----
                |-----|
                |19210|19220|19230|19240|19250|19260|19270|19280|
                |-----|
Human           |ACAGTTCTGGAAACTGGGAAGTCCAAGATCAAGGTACCAGCAAGGCAACTTTCCTTCTGAGGCCACTTCTCTTGAAGTGA| 19253
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AGTTGCCTGCAGATGCTGTTAGAAAGCTAAGGGTACATCTACACTTCAATAAAAAACCTGTGGCACCAAGTCTCAGAGCCT| 15747
    
```

```

Majority -----
                |-----|
                |19290|19300|19310|19320|19330|19340|19350|19360|
                |-----|
Human           |GGCCACCATTTTACTTTGTGTGCCTCACATGACCTTTTCTTTGTGAGCACACTTTGGGGGAGTGGGTGGCAGAAGCTCTC| 19333
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GGTCAA---TTGATTTCAGGCCAGCTGTGGCTCTGCTGTTTGAATGTAAACATACCTTGAGTGTTCACAGTGATGTTA| 15824
    
```

```

Majority -----
                |-----|
                |19370|19380|19390|19400|19410|19420|19430|19440|
                |-----|
Human           |TGGTATTTCTTCTCATAAAGGCATTAATCCCATCATGAAGGCCTTACTCTCATGATCTCATGAAATCCTCCAGTTAACTC| 19413
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GGCTCATGGTTTGACATGTGTCCCTAGGCTGAGACTAACTGTGGTAAATATACAATGTAACATAAAACCACCATTTAACAT| 15904
    
```

```

Majority -----
                |-----|
                |19450|19460|19470|19480|19490|19500|19510|19520|
                |-----|
Human           |CTAAAGGCCCTGTTTCAAATTCATCACATTTGGGGTTAGGACTTCAGCATGTGATTTTGGGGAAACATAAGCATTGA| 19493
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|TTTTCTGTTTCTTTTCATCACAGAAAAAGTGTCTTCTTCTACCCCGATATAACGCTGTCCTTGGGAGCCAAA| 15984
    
```

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Majority -----
                |-----|
                |19530  19540  19550  19560  19570  19580  19590  19600|
                |-----|
Human           |GTTGATAAATACCCTGCATATAGTTGACCCATACTTCTCCACTCCAGGTAATTACTATACTAAATTTGATGTTTACCATT| 19573
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AATCTTAAACAAATTATA--AGTGAAACTGTGTGAAATCGAACTTGTTTTGATCCACCGGAGCGCTGCTTTACCGTGTTA| 16061
    
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Majority -----
                |-----|
                |19610  19620  19630  19640  19650  19660  19670  19680|
                |-----|
Human           |CCATAAATTTCTCATTTACTACATGTTTATGTATTTTTTATCTTAAGCAATATATGGTTTTGTTTTGCATGTTTAAACTAT| 19653
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AATCTGAATTCATGTTATATCGGGGAGAGGTATACGTATCATCGGTGAATCAGAATCTCTCCCAAGAGTTAACAGCATT| 16141
    
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Majority -----
                |-----|
                |19690  19700  19710  19720  19730  19740  19750  19760|
                |-----|
Human           |AGATGTACTATCATGCTGTATGTATTCTGTAATTTGCTTTTCTTGTTCAGTGTTATTTTTGTTAAGTTTATATATATATA| 19733
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AATCTTTTAAATTAT--TATATTCTCTCCACCAGTTGTAATTA AAAACTGTTTAGATATTGTATCACAGTAGAGTAGATGA| 16219
    
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Majority -----
                |-----|
                |19770  19780  19790  19800  19810  19820  19830  19840|
                |-----|
Human           |TATTTTCATTGCCATATAGTATATGATATATGAATATATCATCTTGACAAATGAGTTAATATTTGACGAGATTGATTTGT| 19813
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AATTGCTGGCTCTTACTACTATGTTTGAAGTAGAGGGATAGTTTTGTTTCATTGTTGACTATTTTTAGTAATATCATTCA| 16299
    
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Majority -----
 19850 19860 19870 19880 19890 19900 19910 19920
 Human CAAATATTTTAAATTTTTTCCATTACAAACTGCTACTGTAAGCATTAATATGCATATTCTAACGTGTTAATATTAGAGT 19893
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseATTTCGTGTTTTGTTTTATTTCCATTGTCAGAGGAGACTACAAATTTGAGTGATGCTTTTAATAAGCCTTCTTTAACCCAAG 16379

Majority -----
 19930 19940 19950 19960 19970 19980 19990 20000
 Human TTCTCATAGATTGTGTCTTTTTCAAATCGATTGAATATTAACATATTGCTTTTCATAGGTAATTATATTAATTATACTGTTA 19973
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseGAGATCTGTTACGTTAGGTACAAGAATCAACTTCCGAAAAGTTTTTCTCTACTTAGGAGTTAATAAAATATTGGGCAGAC 16459

Majority -----
 20010 20020 20030 20040 20050 20060 20070 20080
 Human GCGCTGCATGTAGATTCTTGTGTTCTATACATTCCTTTGAAAATCGGCATTGTTGGACTTTTTAATTTTGCTGATCAAATGT 20053
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseAACTTTTGGATATATATATTTTTTAGACTTTTAGAAATTTTTTTGACAGGTCCTCACGAGGCAGTTAAACTTGGTAGCCGC 16539

Majority -----
 20090 20100 20110 20120 20130 20140 20150 20160
 Human ACATGGGAAGGATATCTTGTGGTTTTTAATTTGCATTCCCTATTAATGCAAAAAAAAAAAAAACATTGATTCCTGGGAGTTT 20133
 Kakapo ----- 0
 GoldenEagle ----- 0
 JapaneseQuail ----- 0
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseCAAGTTTTCAATCCAGTAATAGATTTTTAAAAATGTTTGCGAATTGGCTGCTTATTTCTACTCTTTGCTTCTTAAATGTGG 16619

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Majority -----
                |-----|
                |20170|20180|20190|20200|20210|20220|20230|20240|
                |-----|
Human           |TTATATACTGTGCAGACTAATTGTTTGTATTATTTTTTTGGTTTGTGTTTGTGTTTCATTTTGTGTTTGTGTTT| 20213
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AAGAGATTTCTACTAGAGTTAAAATATATTATCTGGAGATGTGGGAAAAATAGTTGACAGTAGATTTTTTGCCATCCT| 16699
    
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Majority -----
                |-----|
                |20250|20260|20270|20280|20290|20300|20310|20320|
                |-----|
Human           |GAGAGACAGAGTCTCACTGTGTCATCCAGGCTGGAGTGCAGTGGCTCGGTCACAGTCACTGCAGTCTTGACATCCCAGGC| 20293
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|CAATGGTTTCATGGTTAGACCTTAGGGGATTTTGATGACTTTAATGGCCTGATAAACTGGGAGAGTGTGTAACATAACC| 16779
    
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Majority -----
                |-----|
                |20330|20340|20350|20360|20370|20380|20390|20400|
                |-----|
Human           |TCTAGCAATTCTCTCACCTTTGTTTCTGAGTAGCTGGGACTACAGGAATACACCACCTATGCCAGCTAATTTTTCAATT| 20373
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|GTGGCATTGAGATTAGACACATTTTCAAAGTAATGCGTGTGGGACAAACCATTTTGAACATAATTATAATATGGATAC| 16859
    
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Majority -----
                |-----|
                |20410|20420|20430|20440|20450|20460|20470|20480|
                |-----|
Human           |TTTTTGTAGAGATGGAGTCTCACTGTATTACCCAGGTTTGTGCGAACTCCCAGGCTCAAGCAGTTCTCCCGCATTGGCC| 20453
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AAAATTAGTTGCAACATTTAAAGCAAAGATCTAAACACTGTGGCTAGTCATTGCACTTCTTCTCCTTTTCTATAGGTT| 16939
    
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Majority -----
                |-----|
                |20490|20500|20510|20520|20530|20540|20550|20560|
                |-----|
Human           |TCCTAAAGTGCTGAGATTACAGGCGTGAGTCGCTGTGCCTGGCCTGTTTTGTTAGTTACATGTCCTACAGATAACTCTCT| 20533
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|-----ATCGTATAATTTTTGAAAATTAGAAGATTTGATTGTATTTGTTGTGCAATGGTATTATACACAGTTAAACATTC| 17014
    
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Majority -----
                |-----|
                |20570|20580|20590|20600|20610|20620|20630|20640|
                |-----|
Human           |CCTCTCTCTGACCTGTTTTTTTTTACACTGATGAATAGTTGTAATTTTAATGGGACATTTATGTTTTCTTTTAAAAAAA| 20613
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|-----CCTACATCCACTTCTTTTAAATTTTTTATATTTTCAGATTTACAGTACATGAAGCAATTTATGCTTCTGAAGTTTGTAATT| 17094
    
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Majority -----
                |-----|
                |20650|20660|20670|20680|20690|20700|20710|20720|
                |-----|
Human           |CATTTAACCTAAGGCCTTACGTATAGGCTTGTTGATTTTTATTTTGAAGTTTAAAAATTTTGATTTTCACATTTATGGCG| 20693
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|-----CCTTTTGGGAGTTGCATATTGAAGGCTTAACTTGGCAGTCAAATCTTTTTTGA AAAATTTGGTCCTGTGTGAGGAAACTC| 17174
    
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Majority -----
                |-----|
                |20730|20740|20750|20760|20770|20780|20790|20800|
                |-----|
Human           |TTAATCTACCTGGAATTTATCTTTTGTGTAGCATATGTTACAGGTTAATTTATTTTTTCT---ATATGGATAGCAAGCTT| 20770
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|-----ACAGTGTCACTTTTACACATCTGCTTTTCTGGATAGAACCACACTTCAAATATTTTTCTTCACACTTGTGGTGAAAGGCT| 17254
    
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Majority -----
                |-----|
                |20810  20820  20830  20840  20850  20860  20870  20880|
                |-----|
Human           |AGTATGTACTTGATTGAATAGCTCAGCTTTTCTCCAATGATCTGCTTTCTCAGCTCTTCAGGTTTCCGTATATTCACAGA| 20850
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|6CATTGAGGGGGACAGGATGAGATAGGAAGGACAAAACAGAATTTGTGCGCATGAGCGAGGATTATTTAAAAGAGGCTGG| 17334
    
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Majority -----
                |-----|
                |20890  20900  20910  20920  20930  20940  20950  20960|
                |-----|
Human           |ACCATTTCTGTGCTATGTCTTGTAGCAGTACAACAGTGTCTTAATTACTTATGGCATCAGCATTAAAGTTTGGAAATCTTG| 20930
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|6CTCTAATATCCTCCATGTTTTAAGTTGTAAATTAGGAGTTCATCAAGTAGTTTGTGTTTGTAGTACAGAGTCTTCCCTTCG| 17414
    
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Majority -----
                |-----|
                |20970  20980  20990  21000  21010  21020  21030  21040|
                |-----|
Human           |TACAGTGAGTGTCAAAACTTTGTTTTTCAAATTTGTCTTGGTGTGTTTCTTCACTGCATTTATTTTAAGATCATTGGCTA| 21010
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|6AGGGTAAATACATAGGGTTAGTGGTCTGGCTGTTACTTAAGACAGATCAGGATTCCATGATTTTAAGAGTTGTTGCTTT| 17494
    
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Majority -----
                |-----|
                |21050  21060  21070  21080  21090  21100  21110  21120|
                |-----|
Human           |AGTTCTGTGAAGGCTCTTTGGGTCTTATTTATACTTGCCTTAAATTTAGTAGTTAATTGGGAGAACATTATAGCTGCATT| 21090
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|6CCAAGACTGAAATAGCATCCATCTTTCCAAAACAAAAAGAAAAAATTATGAGACTCTTGGGACTTGAAAGCCTTCTAGA| 17574
    
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Majority -----
                |-----|
                |21130  21140  21150  21160  21170  21180  21190  21200|
Human           |ATCAAAATAAAATGGCAATTTTTTTTGAGCTGAAAGGCAGAGAACTATAACATTTCTTTGAAGAATTTTCCACTTTCTTC| 21170
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|TCAAAAATGCATGTGCCTAGATCCGGCACTGGTAGAGATGTGGCCTGTGTGTCATCTATGTTTCAGGCCTGAGACTAAGC| 17654
    
```

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Majority -----
                |-----|
                |21210  21220  21230  21240  21250  21260  21270  21280|
Human           |TTCATGGTATTTTCCCTAAGAGACATGCTTAATGCAGAAAATATATATAAAGGATTTTAAACAGCTTATATGTAAGGGAT| 21250
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|AGGTAATTGCCCTCAAATGAAGCAATGAAAACAGAATCTGGATATATCCAGGTCAGTACATGGAGCAGCATGGGAATTCC| 17734
    
```

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Majority -----
                |-----|
                |21290  21300  21310  21320  21330  21340  21350  21360|
Human           |GAGGGAACAGGGATACTTGGACTAATATTTCAATATTTCTAAAATATTGGTTTATTGAGTACGTTCCCTAGAAAACGTGT| 21330
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|TTTGGATGTAGGGGAAGGGCTGTGTCTGACAAGCAAACCTGAAGTCTTAAATATGCAGTAATATATATACACGGGTTT| 17814
    
```

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Majority -----
                |-----|
                |21370  21380  21390  21400  21410  21420  21430  21440|
Human           |TTATTGAAAGCTTCAAATTTCTCAGAATTTGTATAGCATTTTTGAATTTCTCTCTTTTATTACTAATATCAAGCACCTATGT| 21410
Kakapo          |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise|TTTGGAGAACTACCATAATTTTTTTTTTAAACAACCATGTATAATCTGTTAATTGGTAGTAAAAATAACTGAGGTAT| 17894
    
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Majority -----
                21450      21460      21470      21480      21490      21500      21510      21520
Human          TTTCTCCTATTTCTTGATTGTTCTTGTGCACAGAATTTATTTTACTGGTCTTTTCAAAGAACCAACCTTTTACTTGTTTT 21490
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6TTTTGTTTTTTTTTTTTTTTTTTTAAATGATAGCTGCCATCACTAGTTATTTTTGTCCATTGCAAACAGAGGTAAAATA 17974
    
```

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Majority -----
                21530      21540      21550      21560      21570      21580      21590      21600
Human          CTTTTTTGTTGGGGCAGTGGAGGGATTCACTTTAATTTGATCCTGAACTCCTTTATTTTCTTTTAAAAATGCATTCAAGG 21570
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6CCTTCTCTGGAAATGTATTGGTGGGCTGACTGCACAGAAGTGCAGGTATTTTTTGAATTCAACCATCTTGTCTTCCATG 18054
    
```

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Majority -----
                21610      21620      21630      21640      21650      21660      21670      21680
Human          TTAAAGGTAATCAGCTGATAGCTTTGGCTTTTTTTTTTTTTTTTTTACTTTTATAGATTCTCTTTTATTGTAAACTTCATT 21650
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6ATTTTACTTCCATAATTTTGATGTCAAACATAAATATCCTCTCCTTAGCAAATATTGGGGTAGTAATTTAGATTTTCAAA 18134
    
```

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Majority -----
                21690      21700      21710      21720      21730      21740      21750      21760
Human          TAAAGGTTTTAAGTACACAAAAGTAGAGGGAATGGTATATAATACACTTTTTTCTGTTGGATAAATATTAATGCAAATCT 21730
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6AGAAAGAGAGAAC-ATTTCAATGAGTCCATCTGCCACATTTTCAGTCATCTTGTACTTGAGAACAGTCATATAGAGT- 18212
    
```

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Majority -----
                |-----|
                |21770  21780  21790  21800  21810  21820  21830  21840|
                |-----|
Human           |CAGATCATTTTCATATAAATCTGCAGATATATCAGAATGTGTGTCTCTCTATTTAAATGTGACATTGGTACCATTATAAAGTT| 21810
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise -GAATAATGGAAAGGTTCCATAGCTTCTCTGAATTGGCTTTCAGTTTTGCCTGTTTTAAGTTATTCTTTTGATCTAATT| 18290
    
```

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Majority -----
                |-----|
                |21850  21860  21870  21880  21890  21900  21910  21920|
                |-----|
Human           |TAAATAAATTTCTTAATGTGCTCTAATCTCCAGTATTCAGAATACTTTCTTTTCATTATTTTATTTTCTTGCCTTTTCT| 21890
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise -AAAAATGGTTTCCTCTGACAGTGACAAGACTTATTGCTGTTTCATTTTATTTAAATTTAAAGTCAAATCATCTTGCCAATT| 18370
    
```

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Majority -----
                |-----|
                |21930  21940  21950  21960  21970  21980  21990  22000|
                |-----|
Human           |TTTTTGTGTGTGTAGATAAAGTGAGTCATCTGTACAATTTCCACTTTCTGGCTGGGCGTGGTGGCTCACGCCTGTAATC| 21970
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise -GAACCCCAAATGTGTAGAGCAGAATCTAGAATCAACAAGAGTGTGAGGCAAACATAAAATTTATTTAGAAGTAGTCTGTT| 18450
    
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Majority -----
                |-----|
                |22010  22020  22030  22040  22050  22060  22070  22080|
                |-----|
Human           |CCAGCACTTCGGGAGGCTGAGGCGGGCAGATCACGAGGTCAGGAGATCAAGACCATTTTGGCTAACACAGTGAAAACCTG| 22050
Kakapo         |-----| 0
GoldenEagle    |-----| 0
JapaneseQuail  |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise -AAAATAACTTTGAAACTAGGCTCAAAACTGAATAAGCTTAGTGACTGTAATAGCTTGGTGTGTTGTCTAGTATGTTGT| 18530
    
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Majority -----
                22090      22100      22110      22120      22130      22140      22150      22160
Human          TCTCTACTAAAAATACGAAAAAATTAGCCAGGCGTGGTGGGGGGCACCTGTAGTCCCAGCTACTCGGGAGGCTGAGGCAG 22130
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GAATTTTAGATATGGGATACTTCAAATGTGTTATATATTTCTAATATTCCTCTTCATATTCCTATGTGTGTGATTATATG 18610
    
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Majority -----
                22170      22180      22190      22200      22210      22220      22230      22240
Human          GAGAATGGTGTGAACCCGGGAGGCGGAGCTTGCCAGTGGCGCCACTGGACTCCAGCCTGGGTGACAGAGCAAGACTCCGTC 22210
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GTTATTATATGAATCCTGGTATAAGCATACTACTTAGTATTGTGATATCCTCAGATTAGTTTAGTATGATTTTGAATG 18690
    
```

```

Majority -----
                22250      22260      22270      22280      22290      22300      22310      22320
Human          TTAAAAAAAAAAAAAAAAATCCACTTTCTGGATTCTGCTGATTGTACCGCTGTGTTGTCATTTTCATATGTTCTTCATGTA 22290
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AAGAACTATCCAAATATACAGGATGCTTTTCAAACAGAGGTAGATGATATCTGCCTCAAGGACAGCACAGTCTGAAACA 18770
    
```

```

Majority -----
                22330      22340      22350      22360      22370      22380      22390      22400
Human          AACAAAGTTTACCTGAAATACAGGGGTTTGATCAGACTCTGGTGTAAATTTTACCAAGAATATTTTGCAGATGTACTCTAT 22370
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CTGATTATTATAAAGATTTTATAAGTAAAGCAGTTTGTGGTCAGTACTCAGAATGAAACAGACTCCATGCAAAGTAA 18850
    
```

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Majority -----
                22410      22420      22430      22440      22450      22460      22470      22480
Human          GTAATTCCTGTTGTATGTGTCAGCTTGCTCCATCTATTACAGAGCGCATCATCCTTTCACCTAATAGTTTTTAGTAGCTAAT 22450
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AATTGGTGATTTCAGTAACTGGCACTCACCTTTTTTAGTAATGACCCAATGGCTGGGTTAGTGCTGAGGGCATTTGGTGC 18930
    
```

```

Majority -----
                22490      22500      22510      22520      22530      22540      22550      22560
Human          GATTGCATACTTTTATTAGGTATTGCA-AAAGTGGCGCTATTCTTTTTTCTGTGTATATTAGAATTCTTAAGAATTATA 22529
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AATGGAGATACCTTTGAATTAAGACACAAAACGGAGGCTCTAACCTCTTTTGGATATAAAAAATCTAGTAGCCTATTAA 19010
    
```

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Majority -----
                22570      22580      22590      22600      22610      22620      22630      22640
Human          TCCATCAACTGTTTGGTCATACGTAAGTACCTTTTTATAAGAAAAGCAGGAGAGAATTTGACTTCTTAAGTTTTCTGATG 22609
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GATGCCATGCAAAGGAAGGGAGGTTTATGCCCTTTTTAATTCATTTGACTTATGAGGAAGGCCTGAAAGATTTAAAAA 19090
    
```

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Majority -----
                22650      22660      22670      22680      22690      22700      22710      22720
Human          AGTTGTTACCTTAAAACCTCCAGTATAATCAATATGAGTTCCTTTTTGTTGCTGTTAGTATCGTCGCAACAGCAAAGAGT 22689
Kakapo        ----- 0
GoldenEagle   ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @ACAAACAAACAAAAATCCTACTTGTTTTACATTAGGCCTCTGAGTGTTTTTCTATCCTGGAAGGAAATGAAACCTGA 19170
    
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Majority      -----
              |-----|
              |22730|22740|22750|22760|22770|22780|22790|22800|
              |-----|
Human         TTAATAACATTTATTTTCTAGTGTATTGCAGTAATCATTCTTCTTTTTTTTAAATTTCTAAGCTGTTTTATTAAATGAAA 22769
Kakapo       ----- 0
GoldenEagle  ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CACTGAGAGGGGAAGTATATTTTTTTTAAAGTACACCTCTACCTCAATATAACAC-----GAATTTCGG 19233
    
```

```

Majority      -----
              |-----|
              |22810|22820|22830|22840|22850|22860|22870|22880|
              |-----|
Human         AGAGAACAATGCTAAGCAGCTTGTATGGTGTGTGTGTTGTTGTTGGGTTTTTATTTTGTATGAATGTTAAAAACACGGTGGC 22849
Kakapo       ----- 0
GoldenEagle  ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ATACAACACGGTAAAGCACTGCTCCGGGGGGTGGGGCTGTGCACCTCTGTGGATCAAAGCAAGTAAGATGTAACGCAGT 19313
    
```

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Majority      -----
              |-----|
              |22890|22900|22910|22920|22930|22940|22950|22960|
              |-----|
Human         TAAAGCCTGTAATCCCAGCATTTTGGGAGGCCAAGGTGGTTGGATCACAAAGTCCAGGAGCTTGAGACCAGCCTGGCTCTA 22929
Kakapo       ----- 0
GoldenEagle  ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TCACCTATAATGCATTAAGATTTTTTGGCTCCTGAGGACTGTGTATATTTAGGTTAGAGTGTATTTAGACTGCTTCAG 19393
    
```

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Majority      -----
              |-----|
              |22970|22980|22990|23000|23010|23020|23030|23040|
              |-----|
Human         CTAAAAATAAAATGTGGTGAAACCCCGTCTCTACTAAAAATACAAAAATTAGCCCTTTGTTGTTGCACGCGCCTATAGTC 23009
Kakapo       ----- 0
GoldenEagle  ----- 0
JapaneseQuail ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACTAATTTTTAACACCTATTTAACTCAAATGCTTGGGGGAAAGGATCCCTCTTTAAGGATTCAACACCAAATCTCCTCT 19473
    
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Majority -----
                23050   23060   23070   23080   23090   23100   23110   23120
Human          CCAGCTACTCGGGAGGCTGAGGCAGAAAAATTGCTTGAACCTGGGGAGGCTGAGGCAGAAAAATTACTTGAACCCGGGAG 23089
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6GTATCTGCATTCCACATTGAAATCATCCAAAAAGAAGACTAAGAAAGAACAGACTTGATGTTCTTCATATTTTATGAA 19553
    
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Majority -----
                23130   23140   23150   23160   23170   23180   23190   23200
Human          ACAGAGGTTGCAGCGAGCCGAGATTGCGCCACTGCACTCCAGCCTGGGCAACAGACTGAGATTCCATCTAAAAACAAAAC 23169
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6CTTAAACCAAAAAGAAATCCATCCTCCAACAAAACAAATTTGTTTTTCAGCGTTCCTTTATATATTATAAAGAAGTGC 19633
    
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Majority -----
                23210   23220   23230   23240   23250   23260   23270   23280
Human          CATGTATATATGTAAGTTTGAGGAAAAGAGTTGTATGAAAATTCAGGATAATTAATAAAAAGTAAACGAGAACTTCTTTAC 23249
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6AAACACAACAGTCTGCTTTGAACTTTTCTAATAGGAGTGCTAGCCCTAGCACTTTGGTCAAATTCCTAATTTTCAGTATT 19713
    
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Majority -----
                23290   23300   23310   23320   23330   23340   23350   23360
Human          ATATATATATATTTTTTAATTTTCTCAGTTAATGTTTGAATTTTTTTAACGTAGAAAATGTCAATGGGGTTATCTGGGGA 23329
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise 6GCCTGAATTCCTTCTAGTTTTCAGTGGATATTAACCTCCTATTTTAAATATTTTGTAAAGTTGTGCACTGTTGGACA 19793
    
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Majority -----
                23370   23380   23390   23400   23410   23420   23430   23440
Human          GAAAGATTATAGTCCATGAGTCCCCCTGTTGTATATATACCTGTATTAAAAATATGCAATAAATGCTATTTTAAAAAATGT 23409
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GCTCTTGTGGTCCCTGGAGATTGCATTTTCAGATGTGGATGAAGTGATTTTGTGTATGGAATTATTTGACTTGAGGGATGC 19873
    
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Majority -----
                23450   23460   23470   23480   23490   23500   23510   23520
Human          CTTATTACATAGAACAGAAGACCAGAATACTAGCTCTCCACGCTCTTATGTCTTGATCAGTGAAGATTAGCTAGCAAAACA 23489
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GATGTAATATACTGTATTGTTTAGATTTTAAATTTTTTAAATTTACTGTCACTTTCTGAAGAGGGAGAATCTGCCAAATCT 19953
    
```

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Majority -----
                23530   23540   23550   23560   23570   23580   23590   23600
Human          ACCATAACTTAGGGATAGCTTTTATTTGTGGGAAGTGTCAATTTAGTATGTCAATGATTTAAAAATCATTGTAGTCTTTCAG 23569
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GATGTAATGTTTCATTTAAAGCTCTCTGAAGGGATTTGCCCTGTCAAAGTATAGTTTAAATATCAACATTAAGATGACA 20033
    
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Majority -----
                23610   23620   23630   23640   23650   23660   23670   23680
Human          AGAGCATCTTATCTTTCTTGTAGGTGATAGTATTGGCTATCTATGTAGTGTCTTAAGTTCTTTAAATTATCCTTATTCTT 23649
Kakapo         ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AAAATAGAAAGGGAAAAAAACTCTTACTGTCTTTTCTTTTTTAGAGAGGATCTGACGAACTTCTTTCAGGCAGTGTCTC 20113
    
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Majority -----
                |-----|
                |23690|23700|23710|23720|23730|23740|23750|23760|
                |-----|
Human            |ACTTTTGTGTACATTGTTTATAAAAATAATGTGATCATCTTAATCTACCATTTTGATTATGGTTTGATCATTCTTTTACT| 23729
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |AATAGTCCGA ACTCTAACATGAGCAGCATGGTAGTTACTGGTAAGTGTTCAGAGGAGAAATCTAACATTATATCTCAGA| 20193
    
```

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Majority -----
                |-----|
                |23770|23780|23790|23800|23810|23820|23830|23840|
                |-----|
Human            |ATTTCCACTTGTTAGCAAAGCCTTTATACTTACTAAATTTATGATAAAAATGATTATTATAACATGCCCGGTTTACTTAA| 23809
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |ATCTTTTCCTGTTTACAAGGGGAAAATAGTAAAATTTAAAATAGTAAAAGTAGATTTTCAT-----CCTGTTGTACAAGA| 20266
    
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Majority -----
                |-----|
                |23850|23860|23870|23880|23890|23900|23910|23920|
                |-----|
Human            |ATGTCTTATTTAAACGTTCTGATTGTTATTCTTTCTTATTCAGGTTTCTTATTGTTCATGTTTTATGTCTGTTTTCAGGTG| 23889
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |ATAAATTGTTGGCATGCACCAGACTTTAACAATCCTGTATCTATATTGAAACACTCAAAAAATATTTGAACGAGTAAACC| 20346
    
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Majority -----
                |-----|
                |23930|23940|23950|23960|23970|23980|23990|24000|
                |-----|
Human            |TAATTGTCCTCTCACAAATGTATCCCATTTTGGGTGACAAAATACCTGATCACCTTATCCTTATAGTTTTCTCCCTAGAA| 23969
Kakapo          |-----| 0
GoldenEagle     |-----| 0
JapaneseQuail   |-----| 0
MediumGroundFinch |-----| 0
GoodesThornscrubTortoise |AATTAAATTAATGGAAATTTACAGATGATGAAACAATCTTAGGGCTGGGGA ACTGGATGGGACATGAAAGAAATTAAC| 20426
    
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Majority -----
                24010   24020   24030   24040   24050   24060   24070   24080
Human          TCTTTTTTGTATATTAATCAAAGTTTATTTGTGAGAATGTTATGAAATATAAGAAAATGAACATCATGAACCTGTCACT 24049
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TTTTAATATGGAATGAGTTATACAATTCTCTTCAAACCTAAGGAGTGATACAGAGCAAACAAAGGCTAACAGGAACTGCT 20506
    
```

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Majority -----
                24090   24100   24110   24120   24130   24140   24150   24160
Human          CAAATAAAAAAACTTGAATGT-TACCAATACTATTGTATATTCCATATGCAGCAATATTGCTTTTTTTTTTTAGAGTCT 24128
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TAGAAATTTAACTTTGTGCATGTGTAGGCATCCACATGTCTGGGCATCCCTGCTGGATTAGCCTGTTTCATTTCCACTAG 20586
    
```

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Majority -----
                24170   24180   24190   24200   24210   24220   24230   24240
Human          TGCTCTGATACCCACGCTGGAGTGCAGTGGTGTGCATCTCGGCTCACAGCAAGCTTCGCCTCCCTGGTTCACCCCATTTCTC 24208
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GGAGTAACTTTATGAATAATTAAAATCTAATAACTCCTCCGCTAGACTGCCACAGCACTAGACTCTGATCCTAGTTTC 20666
    
```

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Majority -----
                24250   24260   24270   24280   24290   24300   24310   24320
Human          CTGCCTCAGCCTCCCAGTAGCTGGGACTTCAGGC--ACCGCCACCACCCGGCTAATTTTTTGAATTTTGTAGTAGAG 24286
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @CTGCCTTAGGATGGAAGTAGCTTTAGGCTCAGAGCAGCACTTCAGTGCAGCACGTGTTACTGTTCTTTGTCAAACCTGC 20746
    
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Majority -----
                24330   24340   24350   24360   24370   24380   24390   24400
Human          ACGGGGTTTCACCCTGTTAGCCAGGATGGTTTTGATCTCATGACCTCGTGATCCGTCTGCCTCGGCCTCCCAAAGTGCTG 24366
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GGGGACTCCAATAAATTGGCTTTTCAGTAATTGAAACCTGTTCTCTTTTCTTTTATAACTTCCTTACAGCTATTTTCAG 20826
    
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Majority -----
                24410   24420   24430   24440   24450   24460   24470   24480
Human          GGATTATAGGTGTGAGCTACTGCGCCAGCCCAATATTGCTTTTTTAATCCCCCTTCTTACCCTGCCATGGGTAGGTGGCT 24446
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AGTGTATCTGTCAAAGGAGCTTTGCTCAGCCTGCTGTTTTGGCACACCTACCACTTAGGTCTTTTCATTCTGGTGGCAGAG 20906
    
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Majority -----
                24490   24500   24510   24520   24530   24540   24550   24560
Human          GCCACAACCTTTGCCTTATTTTTTCAATATGGATTTTTTCATGTAAATGACAAAAATATATTTAGTTTTTTTTTAGTTTAT 24526
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  ----- 0
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @GGTTTAGTTCATACCTCTAGTCTGTTAGTGGGTGATCTAAATAATTGTAATCAGAAGACTTAGTTCGCCACTTACTGTG 20986
    
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Majority -----C-----T--A--A-AT---C-----T--T
                24570   24580   24590   24600   24610   24620   24630   24640
Human          GGAAACGGTATGCCTATATAATGTTTTCCATGTCTTGTGTTTTAATTC AATAATGATCTAATAAATAGCCGTATTTTTT 24606
Kakapo          ----- 0
GoldenEagle    ----- 0
JapaneseQuail  -----TTAACGGTATCTGTTAGAAAAATTTTCCTTCTTTTT 37
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TAGGTGAATTCTCCACAGCAGTGCAGCAAGGTGGTCTAGTA-ACTCCTGCTACCAGTGGACCATATCAACAGTAATCCT 21065
    
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Majority      G-A-----T--T-CT-TCTGAGTTCTTATAATAGTG--GCATAGGTTTCAGAGCCTGTATTGTGTTACTCTCAAGGGT
              24650      24660      24670      24680      24690      24700      24710      24720
Human         GGATAGTTTTATAATACTCATTGCTGTGATATACTCTTTT-GTGAATAATACCCATTTTATCTTTTATTGGACATTTGGGT 24685
Kakapo        -----AGGTCCTGCCCTGGGTCGGGGCAATCCCAGGCAC 35
GoldenEagle   -----AACAGGGATATTACAAAAGAGAAACACAGGTTTCAAGATGGCATTACTATAAAGGCAAAGGA 62
JapaneseQuail GAAAATTCATATGTTCTGTAGGAGTCCATAAAATAATCTCAAATAAGCCCAGGAACCTAATACTGTTTCTATGTAAGGT 117
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CAGTAAAAGGTGGTGTCTTCTGAGTGCTAATGACTGTG--GCATAGCTTTAAAGCCACTACAGAGATCCTATAAAATTAT 21143
    
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Majority      TGTTAGAGGTTTGGGAGA--T-TAGATA--TTTACTTTAGCCTGGGGTGATGGCTTTGGTATTGTTTGTAAACAATAATC
              24730      24740      24750      24760      24770      24780      24790      24800
Human         TGATGGACATTTGAATAT--T-TAAAGATTTTGACTTAGGCCGGGCGTGGTGGCTCAAGCTTGTAAATCCCAGCACTTTGG 24762
Kakapo        AGCTACAGGCTGGGCAGA--GAAGAGA--TTCAGAGCAGCCTGAGGAGAAGGACTTGGGAGTGTGGTTGACAAGAAAC 110
GoldenEagle   GGTAAGCAAGACAGGCAG--TGAGATA--GATACATCAGA-TGGAAAGACAGATTTTCTACTAAGTACTGTAAGAAGTAGA 136
JapaneseQuail GCAAAATGGTTTGGGAGAACCTGTGATA--GATGGGATGTTATGAGAGCACAGCTCTGAAAAAGTTCTGCAAAACTAATT 195
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTTATATTTAAAGGAAGATTTCTGGATACCAGTGCTTTACCCAGCTCTCCTGGTTTCCTTTTGGCTTCTGGACAATATTC 21223
    
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Majority      AGATTTTGTGCTCTACATTTTAAGGTCGAGTGATGAT--ATGCTTGGCTTACTTAGTGTCATCAACATCACCGT----
              24810      24820      24830      24840      24850      24860      24870      24880
Human         GAGGCCAGGGCGGGCAGATCACAAAGTCAGGAGTTTGAGACCAGCCTGGCCAACATAGTGAAACCCCATCTCTACTA-- 24840
Kakapo        TGAACATGAACCGCTTCAGTGTGTGCTTGAGCCAGAA--ACCCCGTGTGCTGGGCTGCATCAACAGGGGCGT---- 183
GoldenEagle   AGGATTAGTACTTCTACCAATCCAAAACAGACAAGAT--GTGTTTAGATTTATAAGGGGGAAAAACGACAAAAA---- 209
JapaneseQuail ACATTTTCTGACATCAAAGTGTAAAGTGAATGGTACTTTCATATATCACTTACGTGACCTTCTAAAAATGACCGT---- 271
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TATTTTCAATTTCTAGGTATCTTTGGACACAATAATAGT--ATGCTTGAAGTGTGCTCCTTCCATCTTTTCT 21300
    
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Majority      --AAGCTCCATTTTCAGGGCAGGGGATCTGATTGTTTCCTTTGCTCCGGATGGCTCCCTATTTAAGCACCGTGTGAACTT
              24890      24900      24910      24920      24930      24940      24950      24960
Human         --AAAATACCATAATTAGCGGGGTATGGTGGTGGGTGCCTGTAGTCCCAGCTACTCAGGAGGCTGAGACAGGAGAATCGC 24918
Kakapo        --GAGCAGCAGGTCGAGGGAGGGGATCTGCCCTCCGCTCTGCTCTGGTGAGGCCCACTTGCAGCACTGTGTGCAGTT 261
GoldenEagle   --AATCCCCAATACAGTACAAGAGAAACCAACTGTAACCTAACCTCCAATGGTGCAAAGTCTACTAACCATGCTAGAAT 287
JapaneseQuail --GAGACACATTTTAGGCCTAATTGTCAAATCTGATCTTTTGATCTGTATGGCTGCTTAGTAAAGAGCAGTATGAACTG 349
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TATAGTCTTTTCCAGCTTCTGGGAAAAACTATGATTCCTTCTCCCTGCTCCCAAGCTTTCTGTGCATCAGGACTAAAT 21380
    
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Majority	CTATGTTATTGAGTCGTAGATT--GAGTAAAGAAGTAACACTGCTTTCCATTCTACAGATGCTTTAGACTGAGTCTCAT	
	24970 24980 24990 25000 25010 25020 25030 25040	
Human	TTGAACCCAGGAGGCGGAGGTTG-CAGTGAGCTGAGACCGGCCATTACACTCCAGCCTGTGTGACAGACTGAGACTCCA	24997
Kakapo	CAACGTAAGAAGGACATGGAAC--TGTTGGAGAAGTCCAGAGG-----AGGCCACGAGGATGATCGGGGCTGGAGCACCC	334
GoldenEagle	CTACAGGAATGATATCTATATG--GAGTAAATATATAAAAATGCACCTGGATTTATAGAGATGGTTATAAGCAATTCTAAA	365
JapaneseQuail	TTGTGTTTTGGTATTTAAGACT--GTAGAGAGCAGTAACACTCCCTTGCCCTTCCAAAATATGCTGTCTTCGAGGAGAAAT	427
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CATGTTATTTAATCGAAGATTCTAAACAAAAAAGCTATATTACTGTCAAGTTTTACTGCTACATTACAGTTAATGTGAT	21460

Majority	TCTCTAAATAAGCCAAATGTAATAATACCAGGTTTGAACGCTTTAACA-ATACAAGCTGTGTTGAGGACTACAACCATATA	
	25050 25060 25070 25080 25090 25100 25110 25120	
Human	TCTCAAAAACAACAACAAAAACAACAACAAAAAAGATTTTGACT-TTAAGAACAATACTGCTGTGAACTTCTTTGTA	25076
Kakapo	CCCATACGGACACAGGTTGAGAACATTTGGGGCTGTTTCAGCCTGGAGA-AGAGAAGCTGCGTGGAGGCCCTTAGAGCAGCTT	413
GoldenEagle	TCTCTAAAGTCCTCAATGTTACTTTCAAGGATAGTACTTCTTTAACACATGCAATCCGTAAAGAATACTACAACCAGATA	445
JapaneseQuail	ACTACAAATAAGATACTGGAAAATACCCTGTGGGACTTGGACCAACA-AGACAAGTTCTGATCTGAACTCGAAAAAATA	506
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	TTTTCAAGTGAGCCAATATTTAAACACAATTTGAGAGAAATAAATTAGTTTAAATTGACTGCAAAATGGAAATGTTTCT	21540

Majority	CTTTTTCTGATTGGAGCTATGTCAGTGTCTTCTTG-AGAGGATATTAGCATGTG--GGAATATATTCATTGTACACAGAC	
	25130 25140 25150 25160 25170 25180 25190 25200	
Human	CTTGTTTCTGTTGTCATTTATGCAAGCGTTTTTGGAGAGGTTATATTTAAAGGTATAGGTATATATTTACTAGTGTGTA	25156
Kakapo	CCAGTGTCTGAAGGGGGCTACAAGGATGCTGGAG---AGGGACTCTGCATCAG--GGACTGTAGTGACAGGACAAGGGG	487
GoldenEagle	CTTTTTTAAAAAACAATAACAATGTTGAAAGCAAAAAGAATAGCATTTG--GCATGATGAACTTTGTATACAATC	523
JapaneseQuail	CTTTTACTTGGTACAAGGCTTGTAAGAATTACTTGAGTAACTTCAAACTTCAAT-AAAAGAAAGTAAATCAACACAGAC	585
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	TCTTCTCAAATTGGTCTTCTTCCAGGCTCTTATAGGGGCCACCAGCTGGTTG-TGAAAGACTTCATTGTACTCAGAT	21619

Majority	TGAA-TGAATGAAATGTTAATGAAGGATTTTGTAAAGATAGAGTTCATCCATATGTTCTGCCCTGTAGTGATTTTTGGTC-	
	25210 25220 25230 25240 25250 25260 25270 25280	
Human	TAACTTTATGAGACAGTACTAGATTATTTCCAGTGTATTGTTCTTATTTATGTTCTCACCAGTAGTGCCTAGGAGTTC	25236
Kakapo	TGA--TGGGTTCAAACGAACAGGGGAAGTCCAAGTTAGATCTCAGGCAGAAGTCTTCCCTGTGAGGGTGTGAGGC-	564
GoldenEagle	TAAG-TAAATGAAATGTTAAGAGGATTTTATAAGAATGAGAATAACAAATCATTTCAGTCTAGTGGTCAGCAATGGGT-	601
JapaneseQuail	TGTT-GGAAAGAAATGTTGATTAAGGACATTGTTTGCAGGAGTACAAAAGATGAATAGCTACTAATAAATTTTAGGAC-	663
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CGAA-CAAATGCA---CTAAAGAATTTTGTGAAAAATATTGATTTTCCATACTATTGGGCCTTAAAACAACACTATGGTC-	21694

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Majority      --GCTGTTTCAAGTCGCCAAGAGAATTTGT---GGTTTCTGATTTC-TAATAGTGTTCAATTTTAGGTGGAATA----TT
              25290      25300      25310      25320      25330      25340      25350      25360
Human         TTGTGTTTTCAGATCCCCACCAGCACCTGGCTAGGTATTTAATTTCTTAATTTTAAACAATTTGGTGTGTAGTATATTCT 25316
Kakapo        --GCTGGCACAGGGCGCCAGAGAAGCTGT---GGCTGCCCCATCCCTGGCAGTGTTCAGGCCAGGTGGACA----CA 635
GoldenEagle   --GCTGAAGGCAGTTGCTGAAAGAGAAGGT---AGTTGCAGATATCCAAATGATATTGACATCTAGGAGAAGCAA---TA 673
JapaneseQuail --TTTGGTCAAATGCATCTAGGCGATTTAT---GAATTATGAAGT--TGATAAGAAGTATTAAAGATAGAATA----AT 732
MediumGroundFinch ----- 0
GoodesThornscrubTortoise-AAGATTTTAAAATGTGATTAGAGTATCC---AACTTAAACACC-TAATAGGGCTCAGTTTTTCAGAGAAATGGGGTTT 21768
    
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Majority      TTGGT-----TTTGTGCAACCTAGACTATTGAATGGTGTCTACAA-----G-CTTTACCATTATAGGCATATGAAAAAT
              25370      25380      25390      25400      25410      25420      25430      25440
Human         CTGGTCTTCCTTTGTCTTACCCTGATTATTAATGAGGTCTTACATCTTTTTTCCCCCACATTTATGGCCATGGATGTTT 25396
Kakapo        GGGGC-----TTGAGCAACCTGCTCTAGTGGAAGGTGTCC-----CTGCCTGTGGCAGGGGGCTGGAACT 696
GoldenEagle   TCAGT-----TATTGTCCACCTAGTAAATTGATTGCTGCACAGAATCAGAGTGACTTTTCCAGAACAGGACAACAAAAAG 748
JapaneseQuail TTGGT-----TGAATGCAACAAAGACTGGAAAAATGAAATCATCAA-----G-CTTTACAATTATATCCAGAGGAACAA 799
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTAC-----TTTGAGAAAATCAGAGCCTTTCAAGGTGTCTCAAGGTAGGTCTTCAGAATCATTAGTCACTTTTGAAAAA 21843
    
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Majority      TCATATTGTGTAATTTTATTTCTAGTTAAACCTGTTTGTGTTTAAATAAACTGGATGCTTTTAATTTTCAG---TTATG
              25450      25460      25470      25480      25490      25500      25510      25520
Human         CTCTTTTGTGAAATCTGTAAATGCCTATTTGTGTTTTTTGC--TTGATAAAATGTGAGCTTATTATTTAACTGATTTTG 25475
Kakapo        GGATGAGCTTTAAGGTTCTTTCCAACCTGGGACCAGTCTGGTCTTACACTAACCTGAAGAAATTAATTACAA---TCAAG 773
GoldenEagle   TCACAGGGTAGAATGAGAATTTGCAGGTACTCCTAATTGTTAAGTTAGTTACTGGGCTGCTCATGGGGTCAG---TTAGA 825
JapaneseQuail ACGTATTAAGCAACACCATTCACTGTAAAATATAAGGAAAGCAAAGAGATAATGGAGGCATCTAGTTTTGG---TCATC 876
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTTAGCCTATACTTTTATTTTACAGTCAAACCTAGCCACAAGTTTCAATGAACTGAATAATCTTAACCGAACTCTTCTA 21923
    
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Majority      TAATGTGCAGATAG-GCTGGGGTTGTTAAATTTAGTCTTTAATCTCGGATTATGGAGATGTTGATAGACTAGAATTTGTT
              25530      25540      25550      25560      25570      25580      25590      25600
Human         TAGTTTTAAAAAATTTGCTGGGGGCGGTGGCTTGCCTCTGTAATCTCAGCTTTTTGGGAGGCTGAAGGAGGAGGATTGCTT 25555
Kakapo        TATTGTGGTAATGG-GCTACCTCCCCGAAATGTAGTTTTTAAACCCGTATT-TCCAGATCAAACATACTAAAAACAGAA 851
GoldenEagle   GGAGAGGCAGGCAG-ACAGGGGTAGTAAAGCCTAGTGAATAATTTCTGATTATGGAGATATGCATAGCCTTTTGGCTCTT 904
JapaneseQuail CAAACAAATGAAAA-GCTGTTACTGTACAAGTATATCCAGCAGCAAAGAAATAAAATTTCTTGACAGGAGTCAGTATGTT 955
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AATGCCAGATCC-GTTGCCCTTCTAATGGTAATAATAAATATTGGAAAAAGAGGAGGGAACCTTAAAAGAAATATAA 22002
    
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Majority      GATGTTTTAAGAAGGTT-----TGA CTGCAGTATTTTGT TTGAGATTTTTTA-AGGGTGT TTTTGTAACCTGCTCAGATT
                25610      25620      25630      25640      25650      25660      25670      25680
Human         GTGGGGCCCAAGGAGTTT-----AGGCTGCAGTGAGCTATGATCGTTCCATTGCACTCTAGCTTGGTGACAGAGCAAGACT 25631
Kakapo        GATGTTTTGAATAATTT-----TTAATATCTTTCTAAGTTTGGGATTTTTTA-GGAACGCTTGGATCACCTTTTCAAATT 925
GoldenEagle   AAATTTCTTTATCAGGCT-----CTATTGCAATATTTTCAGTGACAACTCCA-AGGGTCTTGCAGTAACCTGAAAAAATT 978
JapaneseQuail TGTTGTTTTAGGATTGAT-----TGACAACACGATATCGTCTCAAAAAAAAAA-AAAAAGTTGAAGTTCTCTGCCAGATC 1029
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGAATCCCTAACAAAGATGTTCTCTGAATGCAGTAATATAATTGTCATTTTTCAACGGGGAGTCTTGAAAATATCCTTGATA 22082
    
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Majority      TAATTTGAATGAATTCAT-AAAACATTAGCTG-TTATACATTCTATGATTGTTCTTTGACATA--TCTTTTGCAGAAAT
                25690      25700      25710      25720      25730      25740      25750      25760
Human         TTGTCTGAAAAAAAAAAAAAAAAAAGTGTGTG-TTTTACAGTTACTGATTGTCTTTTGGTTAT--TTGTGTTGCTGGTGT 25708
Kakapo        -----TTACTTCAT-ATGACTTCAGGTTTGAATGCATTCCAGGATCGTTCCCGTACACA--GCTCTTTGCAGAAAC 993
GoldenEagle   AAAGTGCAATCAAGTAAT-GGGCTTCCTCCTCAAAATCTATTTTAAAGAACAGCATTGCCAGA--TCAAAATACAGAAAA 1055
JapaneseQuail TCTTGAGACTGAGGTGAT-ACAAGATTAGC---AGGTACATTCTTTGATATATGAATAACTTA--TTATTTATCAATTAT 1103
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAACTTTTCAGGAATTCATCAAAAATAAACCCTGTTTCTCAGTCCAGCTCTCTTATGAGACATAAGCCTCTGAACAGAAAA 22162
    
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Majority      TATTTCTGAATTACTGTATGTTTTTTTTATGAAATTTTGAGGCTGGGTTGTCTATGTGTCTATTGAAGCGGGA----ATTT
                25770      25780      25790      25800      25810      25820      25830      25840
Human         CTTTTCCCAGTT--TGTAGCTTGCCTTGTCACTTCTTTATGCTGTCTTGTCTGTCTGTCTGTCTCCCTCCCTCCCT 25786
Kakapo        TGCTCTCACACAGTGTAAGATTTGTGATGAAATACTGAGACCTGGAT-----GTGAATAATGAAGGGGAA----AAGT 1063
GoldenEagle   TACAGAAGATGTTTTGAATATTTTTTAATACACTTCCGGGTTTGGGATCTTCTAGGAACATTTGGATCACAT----TTTC 1131
JapaneseQuail TAATAGTGGATTACTACAAGATTTTATATAAAGGTACAAGAAAAAATAGTCTATATTTTTACTGAAGAGGGAGGTCACCT 1183
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATTGACTAACTCCCACATCTGTCTGGTGAGATCTAATGGACAATCCTTCCAGCTGTATCCAGAGCCAGGAAAT-ATTT 22241
    
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Majority      GTATTTCCCTGCATGCGTGTGTACTGTTCAAGTTTGTCTTTTACGAC--GTCGTATATAGGGTGCTTCTTGGAATGGTTC
                25850      25860      25870      25880      25890      25900      25910      25920
Human         CCCCCTCCCTCCGTCGGTCTGTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCT 25866
Kakapo        GTATTTCCAAGCAGCCACGTGGAGCGAATGGTTTGTACCTGACGTG--GTAGTTTACAGAGAGCTTCTGTGACCGGTTT 1141
GoldenEagle   AAATTTTCCCTTCATAGGTATAAAATCCTTAGTTTACTTTTTGTAA--ATCCAATCTAGGATTGTCCAGGAACAGCTC 1209
JapaneseQuail GTAGCATACCACAGGGACCTGTGCTGTTTCAGCATATTCTTAAATGAT--GTGGAAAAAGGAGTGATTATTGAGGTGACCA 1261
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATCCAGCTTTGCAAGCGAGAGGTGAGTACAGATTCTTCTTCAACCACTCATAATGTAAATGATCAACTAAGGTATAATTA 22321
    
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Majority AGTCCTG----GAAGCTAAATTATAGATTATTG--TAGTCTGTGATGGTTTACTACGGAGACTTATGGTATAAAGTCTCGA
 25930 25940 25950 25960 25970 25980 25990 26000
 Human CTTCCTTCCTTCTACTTTACTTTAGATTTCAGGGTTACATGTGCAGGTTTGTTCATGGGTATATGGCATGAAGCTGAGG 25946
 Kakapo GGGTTG----GAAGGGACATTAAGATCATC---CAGTTCCAAGCCCCTGCCACAGTATCTCAGTGTTTAACATCCCAA 1213
 GoldenEagle TTTCTA----GAAACTCGGTATCAAAATTG--TAGGATTTGTGATGAAATACTGAGACCCGGCATAAAAAATACTGGG 1282
 JapaneseQuail AGTTTGCTGATGATGCTGAATTATTCATGGTAA--TAAAAACAAAAGCTGACTGTGAAGAATTGTGGAAAGCTCTCATGA 1339
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseAGCCTA----AAAGGAAAACCAAGCATTTTTTC--TTATTTCAGATTCTTGACCAAGACTACTTAAGGCTTATAGGTTCTGA 22394

Majority TAT---TACAAG---CCTGTCTGCTAA--TGTCAGCTTAATACGTACCGTTTGGATTTATATTCGTGTCTCTCTGCGA
 26010 26020 26030 26040 26050 26060 26070 26080
 Human TTTGCAATACAAGTGATCCTGTGTCAGCCAGAGAGTGAGCTCAGTACCCAACAGTTAGATTTACAATCCTTTCTCCCTCCCC 26026
 Kakapo CAT---TAGAAG---CTTCAGGCTTAA--TGTCCTCCCTTAGACAAACTGTAGGGGCTCATTCGCGTGCTTATCAGTGT 1283
 GoldenEagle GGG---AAAAAG---CCTATTTCTCTAA--TGGCCATGTAGAGCGAACAGTTTGTACCCTGATACG--GTAGTTTAGAGA 1351
 JapaneseQuail TAC---TCCATG---ACTGACTGATAAAATGGCAAGTTAAATCTGTCTCTGAAAAATGGAAGTAATATGTAAAGGAGA 1411
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseAATGTCATTTAAA---AATGTATTATAGGTCAACAGACTAATAGGTTTCATCTCTAATCTATCTCTCTGGCTCTCTGCCA 22470

Majority GCACCATTAGTTTACCAGTTTATA-TGTCGAGGAGTTCGACTTATTCTGATTTATTAGTTTTTAAGGTGACTTTAAATGTT
 26090 26100 26110 26120 26130 26140 26150 26160
 Human CCACCCTAGTTTCCAGTGCATATTGTTGCGGATTAATACAGATTCTTAATGTATAGTTTTAATGTGGCCACAAATTCC 26105
 Kakapo GCTTGATAAGTTGATCTCTTTATA-ACTCAGGAGGTCGTATTTATTCTGATTTATGTGGAAAAACAGACTTTCAAAGAG 1362
 GoldenEagle GAACCATGGCTACACCAGTTTCTG-TGAAGAACAGCCTAACACACTGCAATAGTTAATTTTTATGTTTCATCTGAATTATT 1430
 JapaneseQuail AAAAAAAAACAAAGCCAAGCTATACACAAAAATGCTGGAATCTAAATGAATTACTACCATGCAGGAAAGAGCTTAAGTT 1491
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseATGAATTTATATATATGTGATAGTATTGACATGAGTCAGAGTTCTGCTATCACACTCAAAGCATCATGACTATGAAGCCT 22550

Majority CTTTGAAGCTAAGATATTATTCTTTTTCA----GCTTCCAAGGTTGTATACT-AAGAA-----TGGCTCTTCTATAAA
 26170 26180 26190 26200 26210 26220 26230 26240
 Human CTTTGCATCTTAGATAAAAAATAATTTATA---TGATCCCATTCTTTACACATTCCAATTTTCTTTGCTCTTCTGGACA 26182
 Kakapo CCGTAAAGCCCCACGGATACTTTCCCTCA---GCATCCAAAACGGGTGCAC--AAGA-----TCCCTCTGCTATGTA 1429
 GoldenEagle TTTTGAATAGTATTAGTGGTCAGCTATA----TAGTCAACAGGTTGTTTCTTAAGAA-----TGACTGTGTAGCCGA 1500
 JapaneseQuail CTGTGAAACTAACAGCTCATTTGTTTAGCA---GCACTCAAATGTGGAAATC---AGAC-----TGGCTTTATCAGAAA 1558
 MediumGroundFinch ----- 0
 GoodesThornscrubTortoiseATATAAAGAGAAGATATAATCCTTGATCACTCTGTTTGTAAAGGAAGCATGATTTAGAACAG---TAGCTACTCCATAAC 22627

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Majority	ACTCA---TTGAGTGATGGATCTAGTGCACGCTTTTACAATTTGTAGTTTTAAAGCATTTGGCTTTTT--GCTTTGTGC	
	26250 26260 26270 26280 26290 26300 26310 26320	
Human	TCTTCCATGTTGATTGCTGGAAGTCTTGAAGGCAATCCCAATAACAGTTTTTAGCTTTTCAACTGTTGCTGTGATACGG	26262
Kakapo	CTTCA---CTGGATGTTTCATCAAGTAAATGCTTGTTTTAAATGAAAGCTTAAACATCGTAATTCTT--CCT--GTGC	1501
GoldenEagle	AGGCA---CTGAGTGATGAGGACAGGGCTCCCTGTGAGGGTTGGGTCTCTGAGGGGACGGGGTGCCCGAGCCTGGCGC	1576
JapaneseQuail	AATAA---TAGAAAAACAGAAATAAAACAAGAAGAAAAATAAATGATATAAAAGCATTTGGTTTGTAAACGAATAATGA	1634
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ACTC-----TCGAGAAATGGCTCTGCTTCCCTCTTTTGCACCGTGTAGTTCTCAAGAACTTCTCTTTCT--GATTTGTCC	22700

Majority	TGCCTTTCA-AGTCTTTTATAGTGACGTTAAGAGGGGTTTTTATGAAGCCTGGCTGTTTTGGCGTCAAATTCGAAAAGTC	
	26330 26340 26350 26360 26370 26380 26390 26400	
Human	TTTCTTATAGAGATTTTTGTAGTAGAATTTATCAGTATTTTCTTTTATGTTTCTAGTTTCTTGTGTCTTAATTTAAAAATC	26342
Kakapo	TGCCATGA-AGGATATAACAGTGACTTAAAGTTGGTATCTTATGAAGCCTGGCGGTGTGCCGACCCTTCCAAAACAGC	1580
GoldenEagle	GGCTCTCT-GAACGTTTTCCATGACGAGAAGGGGCAGGCTCCCGCGCCGGGAAGTTTTGGCACCGAGCACGCAAAGTC	1655
JapaneseQuail	GGATCGTCACAGTCTTCTAGAAATAAAATTAGGAAAGGTGTGGAGTAAGGCTAATTGAATTACTGG-AAATATGGAACGAC	1713
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GGTCTTTCATTTTCTACTATTTCTGGAACAAGAGCTATTTATGAC-CTTGTCACTTCTGTATCAGATTCCATAATAC	22779

Majority	TTCCATACTGCAATCGCTAAATTGTA-TATAGATTCTGATTGAAGTTTAAAGGAGCTGT-CTGCATGCATTTACCCCATTT	
	26410 26420 26430 26440 26450 26460 26470 26480	
Human	CTTACATACTCAGAGTTCATAAAGATACTATATTTTCTTCTGAAATTTTAAAAAATTTGCTTTTTATATTTATCAGAAA	26422
Kakapo	CTAACCCACTGCAATAGCTAATTTGTA-CGTTCATCTTAATTACTGTTTGGAGTACTAT-TAAGAGGCCAGAAGGTGTT	1658
GoldenEagle	TCTCCGCGCAACAAGCGGGTCCGGCGGTCCAGACACCGCCCGAGGACTGAGGAGCCCC-CGGAGCGGGCCTGCCCCAC	1734
JapaneseQuail	TTCCAATAGAGGAGAAGTTAAATTTACAAAGAGTCTCTAAATTAATTTGAAGGAGGTGT-ATGCATTCATGGACGGCATG	1792
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GTCTAAGCTGTTGTCTTCATAGAATA-AAAGAAGGAAGAGGGCAATTCATATTTCTGT-AACCAGGATATGACCTATTT	22857

Majority	GTTATACGTAGGTCTCGAGTTCCTAACCATCTGGTTGCGTGAATTTGGCGGTTTCCGAGG-GGTGTTTCTCCTTCGCACA	
	26490 26500 26510 26520 26530 26540 26550 26560	
Human	ATTATTTTTGTGATTTGATTTAGTAGGGATCTGGTTTTCATTTTTTTGCCCTTATTAAGATAGTCAATTAATTTGAAATC	26502
Kakapo	TCCTTACAAACGGGCCGCTACCCGAAGCACCGGGGGGCTTGCCCTGGGGGTGCCCGGCTGGCGCGGCCCTCTGCACA	1738
GoldenEagle	CGCCCCGGCGGCCTCGGGCCTCTCCCGGGCAGGACCGTGAGTTCGCGCTCCTCCGAGGCGACCTCTCTCCCTCGCGCA	1814
JapaneseQuail	GTTAGGAGAAGACAGAAAGTTACCTATCTATTTTGTAAAGACAACCTAACGGATTATAAAG-GATATTATTAGGCAGCAAG	1871
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	SGTGAAATACATCTGAAACAACCTTACCTTCACACAGCCCAAAGAGTCTACCTACTACT-AGTGCTACCCCAACAGTGA	22936

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Majority      TTTGTAATAAGTACTTAGACGTTTCGTTTGTCTCTGTGTTAAGGGTCT--CTCCCGACTCGTTGTTCTGTGATGCTGTGG
              26570      26580      26590      26600      26610      26620      26630      26640
Human         TCTGTAATGACTTTTTTCATATTACAGGTATATATATATCGTAAGGCCAAAGGCTGAAAAAATCATAACAAAATGCAGAAT 26582
Kakapo        ATTCATGAGGAGACGGGACATGCTCCCAGCGCCGGGAATTGTGTCCCGCTCCTGAGGCGGGAAGCGGTTACGCCGGGG 1818
GoldenEagle   CGCACAACCGCTCCCAGCGGTGCGCTGGGGCGGGAGGAGCGGGAAC--CCCCCGCTCGCTGCGCGGGTCCCGGG 1892
JapaneseQuail CTTGAAACAAGCAGTAAGAAATACGTTTAAACACAGTGTTTAACTATGT--TGTGCAACTGCTGTTTGAATGCTGTGA 1949
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TCATAATAAAGACTTT--TGTTTGTGTTTTTTTTTAAAGCCTTCT--CTCTCCTTCTCCCTCTCTGGTCTTATA 23012
    
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Majority      CTGGTAAGGGAGATAAAAATCGTTTTTGTGCGC--CTTCCCTCTTCCCGCCCAGGCGGGGCAGGATCGGGGCATCTT--CG
              26650      26660      26670      26680      26690      26700      26710      26720
Human         ATGGTGGCATAAATAAAGAGTTTTTTTGTGTTT--CTTTTCTGTGCATAGCAGAAGTCTGTTGGTATAAGAAAGTGGTATC 26661
Kakapo        CAGGAATGGGTGTCTGTTGTCCCCCTCCCCGCCGCCAGCTTCCCGCCTCGGCGGGCCTCGATCGCGCCACCTCCGG 1898
GoldenEagle   CGCGGGCCGCGGAGGAACCCGCTGCCGCGCCCGCTTCCCGCTTCCCGCCCAGGCGGGGCAGGCTGGCGGCGCCTCGCG 1972
JapaneseQuail ATGCCAAGAGGGAGAGGATAAACCTGGTCCG---TTTAATACCCCCGCCAGGCGGGCAGTGTCCGGGCAGCT--- 2022
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTGTAAGCACTTAAAAACATTTTTGTAAAAATAAAAAATAATTTACGACAAGAAGCAAAAGATCAGATTATTTTTTCA 23092
    
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Majority      C-TCTGCT--ATGGCGGCAGCTTCAGGGTCGGGTA--TTTACATGCTCGGACGGCTGGTGCCTGCTCGGTTGGCGTTTG
              26730      26740      26750      26760      26770      26780      26790      26800
Human         AGTCTGCTCCATAAGGTTATTCACTGGGCCAAGTTTCTTTTCATATTGTTGCTTCACTGATCCCTAGGCTTTTGTCTTGG 26741
Kakapo        CACCCGCTCATGGCAACGGCTTCAGCGCCGCCCG--GGGCGCATGCTCGGGCGGGCGGCATGCTCGGTTAGCGGCGG 1976
GoldenEagle   ACTCTGCTCGGCCCCGGCAGCT--GATGGCAGAAA--CTTCAGCGGCGCCGACGGCGCATGCCCGCGGACTGGCGCATG 2048
JapaneseQuail ----G----ATGGCAGAAGCTTCATGGTCTCGTA--CTGCGCCCGCTCGGAACTCTGGCGCATGCTCCG-T----- 2082
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTTACT--TGCTAAGATTTTAAAGTGGGAT--TTTCAAAGGAACCCAAGGAATTAGGCATCCAGCTCCCATTTA 23166
    
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Majority      CTCGGGAGGGGGTTGAC--GGGAGCGGACTCCCGCCCTCGGTAACGTTTCGGCGTTTTTCCGTGCAGGCCAGGCCCCATT
              26810      26820      26830      26840      26850      26860      26870      26880
Human         CTATGTGGTCTGTTGATGTGTGATTGTGCTCTTCTCCTTGTTTAAAAAAAAGTTTTCCCTGTATTTGTGTATTTTCATTG 26821
Kakapo        AGCGGGAGGGGGGCC--GGGAGCGGAGCGCGCGCTCGGTAACGCTCGGCGGTTTTCCGTGCAGGCCAGGCCCCATT 2055
GoldenEagle   CTCCTAGCGGCGAGG--GACGAGCGGAATCCGGCACTCGGCAACGTTTCGGCGGTTTTCGTGCAGGCCGGGCGCCATT 2126
JapaneseQuail ---GTGAGCGAAGGAC--GAGGAGCGGAATCCGGCCCTCGGCAACGTTTCGGCAATTTCCGTGCAGGCCCGGCCATT 2158
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTCAGTGAGACTTGAGTACCAAATTTCCCTAGTCTCTCTGAAATTC--CATTACAATTTCTTCAAATAGACGGTG 23244
    
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Majority      TCTGACAGCGTTCCCGTCCGCGTTTGTCTGCGCGGCTGTCTGTCCCCTTGTTCAGCGCTTTGTCC-TGCTCGGCGAT---G
                26890      26900      26910      26920      26930      26940      26950      26960
Human         TCTTTTTTTTTTAAAGTCAGCTTTTGATTTTACTGATCCTCTTCATTGTACCATTGTTTCTCTATTTTTATTGGT--TG 26899
Kakapo        TCTGACCGCGTTCCCGTCCGCGTTGCCCGCGCGGCTGCCCGTCCCCTTGCCCGCGCTCTGTCC-TGCTCGGCGAT---G 2131
GoldenEagle   TCTCACAGCCTCCTCGTACGCGTGCCTGCGCGGCTGTCTGTCCCCTTGTCCGCGCTTTGTCC-TGCTCGGCGAT---G 2202
JapaneseQuail TCTCGCAGACTCTCCGTGCTCGCGTGTGCGCGGCTCTCCGTCCCCTGGTCAGCGCTTTGTCC-TGCTCGGCGAT---G 2234
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAATGATACGGCAGATAGACACCTTCTCTTCCCTCAAGGATTTCTGTACGTTAACCTTTTCTCC-TATTTTTTCATATTG 23323
    
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Majority      GACGGGTGAGT-GTGAT-CGAGGCGGTG-----A---G--A-T-----G-CTTCGTCGCCGG-TCGGTGGGGGCGACCT
                26970      26980      26990      27000      27010      27020      27030      27040
Human         CGTGAGTCAGGGCTTTTGCAAGTCTTTAATAGGTAGGTGGTATTTCAGTCCACTTCTTCATCATCTTGGTGGCACCTCTGT 26979
Kakapo        GACGGGTGAGTCGCGAT-CGCGGCGGTG-----G-CACCGCCGCCGG-TCGGTGGCGTCGACCT 2187
GoldenEagle   GACGGGTGAGTAGTGAG-CGGGGCGGTGTGGGCGAA--GGTACTGCCCGGTTGTGCCGCCGG-TCGGCGGTGG-GACCC 2277
JapaneseQuail GACGGGTGAG-----AGCGACG-----GCCGACGCTGG-TTGGGGGGGTGGGAT 2278
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTGGGTGACTTGCAAATAAAACGAGGTAAAGAATCTGTAATCTTATTGCATCATATTGG-CCTCACAGGCCATCAT 23402
    
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Majority      GTCCCGCGCCAGGG---CGC-----CGTCTCGGTGGGTGCGGGGAGC-GGCCG
                27050      27060      27070      27080      27090      27100      27110      27120
Human         TTAAGGAGACCAGGAATACTCACCTGGGTACGTACCTTTCTTCTCTCTGATAATCTATTTTCTCAGGAACTTAATAT 27059
Kakapo        GTCCCGTGCCAGGG---GC-----GTCCCCGAGGCTGCGGGGAGC-GGCCG 2230
GoldenEagle   GTCCAGCGCCGGGGGCTCGCTCCCCGCGCGGCTGGCTGTGCGCGGGCGGGCGTCTCCGCGGTGTGGGGAGC-GGCCG 2356
JapaneseQuail GAGGCCCGCCGTGC---CGC-----CCGCTCGCTCGGTGGTGGCACC-GCTCC 2323
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ATCCACGATCATGAAGACATATT---T---GTAGGAAAACCTTCAACATTTTCACTTCTGACCTTGGCAGGTGA-AACTA 23474
    
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Majority      CTGCGCCGGAGGCGGTGGGGACGGTGCGGTGTTCCTCCG---CG---GCCGCTGCGGGGAGTACGTTGGTCGGAAGGGTCTCA
                27130      27140      27150      27160      27170      27180      27190      27200
Human         TTGTGTCTTGTCCCGTGTCTTTCTGTTCATGGTTCCTAGGCTGCCATCTCCACAGGAGAAAATGTTTGGTTAGTTCTCA 27139
Kakapo        CTGCCCCGAGGCGGTGGGGACGAGGCGGGCTTCTC-----GCCCGGGACGGCGGTGGGCAGAAGGGGCTCA 2299
GoldenEagle   CTGCCCCGAGTGGTGGGGACGGGCCGCTTCCCGC-CGCCGCGCAGCTGAGGCCAGTACGAGGGGGGAAGGGGCTCA 2435
JapaneseQuail GCACGCCGGTCCCCTGGCGGCTTTGGGGTGTGGGAG-CG---GCCGCTGCCCGCGGCACGGGGACGGCGGGTACTG 2398
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TAGTTTAGAGTCTAAGAGAACGGATCTGGAACAACCTCTGTTAAGCATTGATAAACATTCTGCAGTCAGAACATACATA 23554
    
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Majority      GCCGCTTGGTA-ACTCGGGCCCTCG--GTGGG-GCCCTCCGCTTAAAGTGCTGGGGGCTCTGGGCCGCC-CCCTACTT
                27210      27220      27230      27240      27250      27260      27270      27280
Human         GTCCCAAACCATAGCAGAGCCCAGAGACTCTTGTACCCTCAGCCTTCAAGTCTGGTTGCCTTCTTCGCAGACCTGGCA 27219
Kakapo        GCCGCTCCGTA-ACGCGGGCCCTCG--GCGGG-GGCTGCCGTTTAAAGTGCCGAGGGCTCTGGGCCGCC-TTGTACTT 2373
GoldenEagle   GCCTCTTCGTA-GCGCGGGCCCTTCG--GTAGG-GTCTTCCGTTTAAATTTGCTGGGGGCTTTGGGCCGCC-CCCTACTT 2509
JapaneseQuail GCTGCGGGAGG-ACTGGAGT-----GCGGG-GCCCTGCGCGGGATGGGAAGGGGGAACCTGGCCTCC-CCGCAACG 2466
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGGATTTGGAGTACTTGGCTTCCAAA--GTACACAACCTTTACCAAAACAGACTTCAAATCAAACACTCT-AACTTATG 23630
    
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Majority      CTGTGTGCACCTGGGATTTTTGCTTTGGATGTCCAGAGGGCCCA--CTGTT-TGCTCCCCGCCGTCTCTTGTATCGATGC
                27290      27300      27310      27320      27330      27340      27350      27360
Human         GCTCTTCCACCTGAAAGTGATACATGGTATTAATAGTTGGACTAGACTATTATGATAAACAGAGTATCTAATAACCATGA 27299
Kakapo        CGCGTAGAGGCGCCCGCTCTAACGAGGGAGCGCATCTGCCCA--TCTGT-CCCCTCCAGCCCCGAGTGTCTCGTTCT 2450
GoldenEagle   AGTATAGTACCCGAGATGCTGGATCTGGCTGTAAAGAGGGAGCG--CTGTC-TACCCCTCCGTCCTCCAGAACCTC 2586
JapaneseQuail CTGGCCCTCTTGGGGTCTTGGCTTTACACAGCCGAGGGCTTCGGGCCGTG-GGATCCCGCCCCCTGTGAGGCGGCGG 2545
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TCCTTTCAGAAAGGAATTCTTCCCAGTTGTCCAGAGGTCCCAATCTCTC-TATTCATGTTATTTCTGGTATCAATAC 23709
    
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Majority      GTATAGTTTCTGCTACCCCTCGCGCTTGCCCTCGACTGTGGGTGGCGTGTGAGCCCCGTAGGGTTTGGGTTTGTFTTTG
                27370      27380      27390      27400      27410      27420      27430      27440
Human         GAATAAAAAACAAGAAATTTGTAACATTGAAATGAGTGCTAAATGGCCTTTAATCTGTACTTGTCTTTGCACATTTTTTT 27379
Kakapo        GTCCCGCTTTGCCTACCCCGAGCGCCGGTTCCCCCTCCTCAGCCGTGGGGAGCCTCTTCGGGCTCGGGTTTGTFTTTG 2530
GoldenEagle   TTGTTCTTTCTTCTCCCCCCCCCGCCCGACCGTGGGGTGAGGAGGAGCGCTCTGTAGGGTTCGGGTTTGTFTTTG 2666
JapaneseQuail GTACAGTGTGCTGCTACCCCT-GCGCTGCCCTCGGCTGCCCTCGGCCCGTCCGTTCCCCCAGGCGCTGGGGTGTFTTTG 2624
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTTACATCCTTGCAATTTCTCAAAGCTATGTGGTGTAGGGTGCAGTCGTCACCCAGAGTGTFTTTGTATTTCACTT 23789
    
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Majority      GAGCTGGCTGGAGTGGAGGAGCGA-TA-CCTGCAGGAGCC--ATTCGAGCTCTTTTGTFTTTCAGAAGCTGCTTAATAAG
                27450      27460      27470      27480      27490      27500      27510      27520
Human         TTAAGTGGTTTCTTTCTCTGACGTGTAGAGTGTATCTTCTATTTCTGAATTTCTTGTCTTCTGTGGGATGTTAGTTTCT 27459
Kakapo        GAGCCGGCTGGAGGGGAGGAGCGA-TA-CCAGCAGGAGCCAGATGTCGAGCTCTTTTGTFTTTCAGAACTGCTTAATAAG 2608
GoldenEagle   GAGCTGGCTGGAGGGGAGGAGCAAATA-CCAGCAGGAGCCAGATGTCGAGCTCTTTTGTFTTTCAGGAGCTGCCTAATAAG 2745
JapaneseQuail GAGCAGGATGGGGAGGAGGAGCGA-TA-CCGGCGGGAG---A--T-----CTTTTGTFTTTCAGAACTACCCGCTT-G 2689
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AGCTATATATATTTATATCAAATTAGTTTTTACGAGTC--ATTTGTGACTCCTTTGCGTG-AAAAGTCCATAAATAAC 23866
    
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Majority	CCCTCTGACTTCTCCCCATC-C-CAGGTAGAAAGATGCCTTTGTGCGTGTGGAGACTGGTTGTAGATGCCATA-----	
	27530 27540 27550 27560 27570 27580 27590 27600	
Human	CTTGAAATGGTCATTGATATTACTCAGGAAGAAAAGTTTCTGTGGTCAGATTTAATAAGAGATATCTATGCTAGTC--T-	27536
Kakapo	CCCTCTGGCTTCTCCCCCTC-CTCAGGTAGGAAGATGCCTTTGTGCGTGCCGGAGACTCGCTGTGAAGGCCATA-----	2682
GoldenEagle	CCCTCTGCCTTCTCCCGGC-C--AGGTAGAAAGATGCCTTTGTGCGTGTGGCGACTGGCTGTAGAAGCCAAA-----	2817
JapaneseQuail	CCCTCTGACTTACTCCCTCC-C-CAGGTAGAAAGGTGCCTTTGTGTGTGTAGGAGACGGGTGTAGGAGCCAGA-----	2762
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATTTGAGAAGAAAATCCTAGA-T--GCTTGAATAGATTATTTTAAAGGTGAAGACAAGACTAACAACTGCTATGTATTC	23943

Majority	-GAAGGGAAGTTT-----TTGGAGGAGTCTACCATT--TAGGACAGCGAGGTCCTTCGGTCTCGTTGGTAGCGGGGGTG	
	27610 27620 27630 27640 27650 27660 27670 27680	
Human	TAACATTTAATTT--CTTTTAGTTGAATCTAAAATTGATATCATTCTTAGATTAATTAATAAATTTTTTAAAGAGCATGTA	27614
Kakapo	-GAAGGGAAGGTT-----TAGAAGGAGTCAGCCATT--CAGGACAGAGAGGGCCCTCGGTCTGGC-----CAGGGCTG	2748
GoldenEagle	-GAAGGGAAGGTT-----TTGAAGGAGTCGGCCATA--TGGGACAGCGAGGGCCCTCGGTCTGGCTGGGAGCTGGGGTG	2889
JapaneseQuail	-GAAGGGAAG-----TCGGAGGAGTCGA-----GAGGCAACGAGGCCCTCCG--TCTGGAGGGTAGCGCGGGTG	2823
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GGAAAGCAGTTTTGTCTTTGCTTAAGATTAGGGTT--CAGGGCTCAGAGTTTTTCTAGCAATAGTTGATGACATCATT	24021

Majority	GG--CAGTCACTGTGCGCT-GGCCTTCTTTATTTTGGACCTGGACAATGAG-GTTGATGTTG---GTCGTCT-TCATTA	
	27690 27700 27710 27720 27730 27740 27750 27760	
Human	TTCTTTAGTATTTTGATTCTAAGTACCACTAATTTGATTTGTTTCAACAGTCATTAATGTGGGGCAGTCATCAATCACTA	27694
Kakapo	GG--CAGTCACTATGCACA-GGCCTTCTTTTGTTCGACCTGG-----TGATC---GTAGCCT-TCCTCA	2806
GoldenEagle	GG--CAGTCACTGTACACAAGGCCTTCTTTCTGTTGGACCTGGAAAATGAG-GCTGGTGGCT---GTAGCCT-TCGTCA	2961
JapaneseQuail	GG--CAGGCAAGA-GCGCTCAGGGCCCGAAGTTTGGACCCGAAGAGGGAG-GGAGCTGCTCTGT-GCTGTCT-TCATGA	2897
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ACACCTACAGCTGAGAGCTGCACCCTCAAAGCACAGATTAATACTATTAGAGTAAATGTTGTCC-TTCATCA-TTTCTG	24099

Majority	GTGTAATAACAACATCTCCAGCTGCTATATGTCCTAT--GAGTTGTTTGTCTCTGGTTCAAACAGAGAAGCAATCTCT-T	
	27770 27780 27790 27800 27810 27820 27830 27840	
Human	CCATTGATCATTTATTTTCATATACATTGTAAGTTAAAT--GACCAGGCTGAAATAATTCAGATGAAATTTATCTGTGTCAGT	27772
Kakapo	GTGTAATAACAACGCTCTCCAGCTCCTAAATGCCCTATT-GAGTTGTTTACTCTGCTTCAAACACAGAAGCAATCTCT-T	2884
GoldenEagle	GTGTAATAACAACATCTCCAGCTTCCAAATTTCTTATT-AAGTTGTTTACTCTGCTTCAAACAGAGAAGCAATCTCT-T	3039
JapaneseQuail	GTATAAACACAGAACCTGCCTGCTGCCAGATGCCAAC--AAGTTGTCTGTCTTGTCTCAAACAGAGAAACGATCCCT-T	2974
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AAGCTGATGTAATAATCCATCTTGTTTTCTATTTTAAACTAGTTAGGGTCAGAAGTCTTTGGAGAGCCTGAGCCTCC-T	24178

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Majority      TGGTATGTTT---AAGCATTATCCTTTCAACTG--TGAGAGTTTTAAAGGCTTTTTATGGTTAGTTGTGATTATAATG
                27850      27860      27870      27880      27890      27900      27910      27920
Human         TAATGTGGTAATGTTAACATTTATCAGTAGTGCCTGAATCACTTCTTTTGGGCATAATAGTGGTAAGCTTTTGTCTCAATG 27852
Kakapo        TGGTATGTTT---CAAGCACGCAGCCTTTCAGCT---GAGAGTTCTAAAGGCTTTTTATGGTTAGTTGTGATTATAATG 2957
GoldenEagle   TGGTATGCTT---TAAGCATATAACCTTTCAACTG--TGAAAGTTTTAAAGGCTTTTTATGGTTAGTTGTGATTATAATG 3114
JapaneseQuail TGGCATGT-----AACCTTTCAACTG--TGAGAGTTTGAAGGCTTATATGGTTACTTCTGACTGTAATG 3038
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CCAGTGT---ATGAAATCATCCTTTTATAT--TGATGAATGGCAGATATTGACTCACTGAAAAGTATTCCAAGCA 24252
    
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Majority      TTGGG--AGTTACAATTCCTTTCT--GAGGAG-CTTGTCATTAATGAGT-----ATTACACTGTGGAATGCTTTTACA
                27930      27940      27950      27960      27970      27980      27990      28000
Human         CAAAGACAGGCATAATTGCTTTTTTCAAATAAAAAATGTAATTTGTAAAAATACTCCAGTAATTTTTGTAAAATCTCAAAA 27932
Kakapo        GTAGG--AGTTGCAAAGCCCTGCT--GAGGAGGCTTGTCATTAATGAGT-----ATTACACTGTGGAATGCTTTCCCG 3026
GoldenEagle   TTCG---AGTTACAAATCCTGTCT--GAGAAG-----TCATTAATGAGT-----ATTACATTGTGAAAAGCTTTCACG 3177
JapaneseQuail TTGGG--AGTACCAAGTCCAGACG--AAGGAGTCTTGGCACTCACGAGTGT---TATTATGCTGTAGAATGTTTTTACA 3110
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AGAG--AGATTAATGGGACTCT--GATACTCTATGAAATGGATCAGAA-----TGAAACAGGGAAATACACCTCTA 24322
    
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Majority      T-GTTCATATTTTGCCTGTTAT-TTTTTTTTTGGTGGGGTTTTAGGTCTTTTGGAAATTGT-GTT---ATATACT-TGAG
                28010      28020      28030      28040      28050      28060      28070      28080
Human         TTGCAAATAATTTGACGTTATTCTCAGTAATGAAGGCTGTTAAATCTCCTCTCTTAACGGCAGGTATGAAATCATTGAG 28012
Kakapo        T-ATCCTTGTTTTGCC-----TTTTCTGTTGGGGTGGGCTTAGGTTCTTTTGGGATTGT-GTT---ATACACT--GAG 3093
GoldenEagle   T-ATTCATGTTTTGCCTTCAT-TTTTTTTTTGGTGGGGACTTAGATTTCTTTTGGGATTGC-GTT---ACATGCTGTGAG 3251
JapaneseQuail C-GTTCATATTTGCAAGTTTTCTTTTTTCTGTTGGTGTCTTCTGCTACCTTTGGAGTTTT-ATT---GCATAGT----- 3180
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@-CTCAATATAATGCTGTCTTGGGAGCCAAAAAATCTTAACGCATTATAGGTGAAACTGT-GTTTATATTGAAGTTGCT 24400
    
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Majority      TT-----GTTCTGTACACTGTCTAAGAAAAAGATGGACCTTGGTGTACCTGTTGGAGAGTTTCTTGTAGGTGT--G
                28090      28100      28110      28120      28130      28140      28150      28160
Human         GAAGAAAAAGTTTCATAAATACAACTTAAAAAAAATGGAAAGACTTTTCCATGCAAAAAGATGCATTGCAGGAAGGAG 28092
Kakapo        TT-----ACCATGTCACAACCTCCAAGAAAAAGATGGGCCTTGATGTACCTGTTGCAGAGTTTCATATAGGTGT--A 3163
GoldenEagle   TT-----GTGTTGTCACAACCTCTCAGAAAAAGATTTACCTTGACATACCTGTTGGAGAGTTTCGTATAGGTGT--A 3321
JapaneseQuail -----GTTAAGTTACACTGTCTATGAGGATGGCGTACCTTGGTGTACCTGTTGCGGAGTTCCATGTAGATA---G 3247
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@T-----GATCCACCAGAGTGCGCAGTGCAAAAGAGGGAGGTGGAGCCATTTCTTGAGTGTGTTTTGGAGTAGC--T 24470
    
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Majority      GATGATTAAATTTTATATTAGTGTACCTGGCAATATATTTCTTTTGG-TTGTGTCTTATTTTAAACCTGTATTTCGTCAC
              28170      28180      28190      28200      28210      28220      28230      28240
Human         GAAGAGTGTCTTTCATAGCACACCACAAGTCAGTATTAGAGGCTTGCTTTTCTACTTGAGTAGACCCAAGATTCCCCACC 28172
Kakapo        CATGGTTAAACTTTCATATAGGTGTACCTGGTTAAAT-TTCATATAG-GTGTACCTGGTTAAACTTCATATAGATGT-ACC 3240
GoldenEagle   CCTGATTAAATTTTATACAGGTGTACCTGCCAATGCATTTCTTTTTT-TTCAAGCTAATTTCAAAAAATGTGTTTCGTTGCT 3400
JapaneseQuail GATACCTATCTACTATTTTAGT--ACCAGCCAATACATTTCTTTTT--CCAGGCTCATTTCAAAACCTGTGTTTATCACT 3322
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTGTTCCAAATTTGTGTTATATCAGGTGGCGTTATATCAAGGTAG-TGGTGTATTAGAATTTGACCTCAACTCTGGGTA 24549
    
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Majority      TTCTGTTGTGCGCAGTTCTCTGGGCTAGGCTATAA-TACTG-ATTAAGTGTTTTTTACTATGGGTTTGTGGGATAAGTT
              28250      28260      28270      28280      28290      28300      28310      28320
Human         TATCGTCTTCCAAAGTTACTTGTGATCCACTGCAATCACAAGTTTTACAGTGTGTATACTCTAGGTGTATGGAAGGATTT 28252
Kakapo        TGCCAATGTGTTCTTTTTTACAGGCTAATTTAAAA-CAATGTGTTTCAATGCTTTCTACTGTTAGATCTGTAGGGTAGGCT 3319
GoldenEagle   TTCTGTTGTAAGAAGATCTATAGGGTAGGCTATGT-TGCTGAAGTACTGTCTAGTTAATAGGGGTGCGTGAGAAAAGTT 3479
JapaneseQuail TTCTTCTGTAAGGAGATCTCTGGGTGAACTGGA-----TGCTGTTTAAACA-GGGTTTGTGAGAAAAGTT 3387
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TCTGCAGGCACCAAGTGTCT--GTCTAGGTCATAAGTCTGCACTAACTGATCTTAAACTGGTGTCTTTTAAACAATATGCT 24627
    
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Majority      ---CTGTACTTATTTTTAGATATCTATTTAATCA---GTGTGTGTTCTCATGTTATGTAGTTACCTATGTTTTCTAAAT
              28330      28340      28350      28360      28370      28380      28390      28400
Human         GA-ATTCACAAATAGTCAAACATCAGAAGAATAAGCTGATAATAATACATTTGAAAAGAGGTCAAGTATATTTTTGAAA 28331
Kakapo        ---GTGTAGCTGAAGT-AGCTGCCTAGTTAATAG---GAGTGTGTGGAAAAGTTCTGTACTTACGAATTTCTCACTCT 3391
GoldenEagle   ---ATGTACTTACTTTTAAATTTCTTTTATTTTCA---GCCTATGATCTCATGTAGTCCAGAAACCTGAGTTTCTTAAAT 3552
JapaneseQuail ---CTGTGTTTACTTTAAGTTCTTCTTTTTCACCCTGTTTGTGATCTCACGTCATCCAGAAACCCATGTTTCTTAAAT 3464
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CCCTATGCTTTTCACTAGGCAACTAGGAAAGCAGATGTTGCATGCCCATAAATACTTTCTTAACTATGTACTTTGCAT 24707
    
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Majority      GTAGTGACAGATAGTGT--TTTTTTGAAGTAATATTTATATGAGACATTGA---ATTTTTCTGGA----GAAGCTTAT
              28410      28420      28430      28440      28450      28460      28470      28480
Human         CTAG-GAGAGTTAAAGTGTTTTTGTGAACTAAGGAACAAATAAGGCATTGACAATATTTTACTTGATTAGGAATTTTGTT 28410
Kakapo        GTGATCACAGAAACCCG--AATTTCCGCTGAATAAAT-TTCTGGCAGTGC---AGCTTTGGAGT-----CATGTTTAC 3459
GoldenEagle   AAATTTCTGACAGTAC--TGCTTTAAAGTAATATTTACTTGAAACTTTGG---GCTCTTTTGGG----GAAGCCTAT 3621
JapaneseQuail GTACTGCCTGGTAGTGTGTTGCATTGGAGTAATGTTTACATGAAACTTTGA---ACTCCGCTGTA----GAAGCCAAT 3535
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGGTGAAAAAAGTGTCTTATTCTAAGGTTTAGCTATAAAACACATTTA---TTTTCTATAGAACAAGGAAACATGC 24783
    
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Majority	ATGGTGGGTGAGAC-T---GTGGCTTTTGTATGTTTCTTTTGTGTTT-TTACTCTTAGTCTTCTGTTTTCTTTGGCTGTAC	
	28490 28500 28510 28520 28530 28540 28550 28560	
Human	CAGGTGAGTAAACCTTAAGCATCAGTTAAGTTTTGTTTTGTTTCTTACTTTTAGAATATCTGATCTGGACTTCTGTGG	28490
Kakapo	TTGAAACTTTGGAC-T---CTGGCTTTTGAAGTTGCTTTTGTAC-TTACCCTCAGCCCTGCTGTGTTCTTTGAACCTAT	3534
GoldenEagle	AAGCTGGGGAAGTC-A---GTGGCTTTTCTAAGTTTCTTTTGTAC-TTCCTCCAACCTCTGCTATGTTCTTTGAATATAC	3696
JapaneseQuail	GGAGCAGGTG-G-----AGCTTTTGTATGTTTCTGTATTCTGTACATTTTTTTTTTTTTTTTCTTTGGCCACAC	3605
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AATCTCTCTGTGGTGT---GCTATTTCTGTGCCAAATTTAGTCTTCTGAAACTTTATTCCTTTCAACTGTAGGGCTGCTC	24860

Majority	TTTCTTGATTGGGGAAGT--TGTTG-TCTATTGTGATTCCCTAATGTTTTGTCATTGCA-GTA-----AACTTGAACAG	
	28570 28580 28590 28600 28610 28620 28630 28640	
Human	ATTTATGGAAGAGCTGGCTTTATTTCTCTATCCCTGTGGGAGGGGCAAACCTTTGATTTTGTATGTGGAGTAACTTGACCTT	28570
Kakapo	TTTCTTGATTGGGTAAT--CGTTG-GCTATTGCAATT-----GCACTGC-----TTTGAAG	3585
GoldenEagle	TTTCTTGATTGGGGAAGT--TGTTG-GCTGTTTGTATTCCCTATTATCTTGGCATTGCA-ATA-----CTTGAACAG	3764
JapaneseQuail	TTTCTGGTTGGGAAAGT--TGTTA-ACTAATGTGATCCCTAATCGCTCTGATGTTGCA-GAACAAACCAACAAAAGCCC	3681
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AATAAAAATGCGAGAAATATTTTA-TGTATGGAAAAGTATATCTGTTTTCTAGTTCCTTGTACATGGAACAGACAAAC	24939

Majority	TTGGTTTTATG-----AGGACAAATTGAT-TG---ACTTCTTGTGTTGTTTCTTTTTTTTTTTTACAGCATTG	
	28650 28660 28670 28680 28690 28700 28710 28720	
Human	CAGTTTTTTTGGTCTGAGAACAAGGCCAAAAAATATGTAACAGTTAATAACGTAATCACTTACTTAGTCAATAAATAT	28650
Kakapo	TTGGCTTTATA-----AGGATAAATTGGT-TG---ACCTCTTGTGTTTCTCTTTTTTCTTTTACAGCATTG	3649
GoldenEagle	TTGGTTTTATG-----AGGATAAATTGGT-TG---ACTTGT-GTCTTGTTTTTTCTTTTTTACAGCATTG	3827
JapaneseQuail	TTGGTTTTATG-----AGAACAATTGAT-TG---ACTTAT-----GTTTCTTTTTTCTTTACAGCATTG	3738
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GTGTTTTCTG-----AAATCTGCCAAATCTT---ACCTCTTTTCTCACTCTCTCTCTCCCCACGCAAAA	25004

Majority	TCACTGATGTTGCAGTTGGTG-TGAAGGTAGGATGTGTACTTAGCAAATAAGGGGGCAAACCTGTTGATACAAAATGAACT	
	28730 28740 28750 28760 28770 28780 28790 28800	
Human	GTGGGGACATTGTACTTGGTTGACACTTGGGAATATTGTAGTGAGCACTACTGATGTGAGCCAGGCACTTTGCCTGGTAA	28730
Kakapo	TCACTGATGTTGCAGTTGGTG-TGAAGGTAGGATGGGCACCTTGGCAAATAAGGGGGCAAATGTTGATACAAAGTGAACC	3728
GoldenEagle	TCACTGATGTTGCAGTTGGTG-TGAAGGTAGGATGTATACTCAGCAAATAAGGGGGCAAATGTTGATACAAAATGAACT	3906
JapaneseQuail	TCACTGATGTTGCAGTTGGTG-TGAAGGTAGGATGTGCACCTTAACAAATAAGCGGGTTCACTGCTGATACAAAACGAGCT	3817
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AAAAAGAAAATAAAAATAAAAAATCATCAGTGGGCAGATACACAGAAATGGAAAATTCAGCCTGAGGGGATTAAATTTCT	25084

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Majority	GCTTTGTGCGTGTGTAATTTCAAGTTGTAAGATTTTAAGCAGT---CATTGTCAGCTGATATTTAGTCAGCTGTATG--	
	28810 28820 28830 28840 28850 28860 28870 28880	
Human	TCACTGTTTCGTGTATAATTTAATCCTAAGGGCTGTGATGTAGATGT-TATCCCTGTTTTACAAATAAAGAAGTTCAGGCT	28809
Kakapo	ACTTTCCGCGTCGGTAATCTCAAGTTGTAAGGTTTAAACCAGT---CATTGTCAGCTGATATTTAGTCAGCAGTATA--	3802
GoldenEagle	ACTTTGAGCATCAGTAATTGCAAGTTGTAAGATTTTAACTAGT---CATTGTCAGCTGGTATTTAGTCAGCTGTATA--	3980
JapaneseQuail	GCTTTGAGCATGTGTCATTGCAAATTTTAAAGACTTTAAGCAGT---CATTGTCAGCTGATATTTAGTCAGCAGTACG--	3891
MediumGroundFinch	-----	0
GoodesThornscrubTortois	6AAAGTTGAGTGACTGGAAACAAGGGATTGGAATGGAAACAGTTACCCAACGTTAACTGTAGCAGTGGCTGCTGCTGC--	25162

Majority	TGCTTTA-TTAACTAAAAATCCCTAGAGGTAATTTGGAGGCTCTACACAAAA--GGCTTTTCTAGGCACTGAACTGTAGA	
	28890 28900 28910 28920 28930 28940 28950 28960	
Human	TAGAATGATTAAGTACTGTTACCTAAGTATAAGTGGAAAGCTGAGCTCCAGAGCACCCCTTCTTAATACAGTATTTTCTA	28889
Kakapo	TGCTTTA-TTAAACCAAAAAATCCCTAGAGATAAATTACAGCCTCTACACAAAA--GGCTTTGCTAAGCACTGAACTGTAAA	3879
GoldenEagle	TGCTTTA-TTAAACCAAAAAATCCCTAGAGGTAATTTGGAGGCTCTACACAAAA--GACTTTTCTAGGCACTGAACTGCAGA	4057
JapaneseQuail	TGCTTTA-TTAAACCAAAAAATCCCTAGAGGTAATTTGGAGGCCCTACACA-----GACTTTTCTAGGCAGTAGACTGTAAA	3965
MediumGroundFinch	-----	0
GoodesThornscrubTortois	@CCTATAATCCAGTAGAAAATCCATCAGTGCAGAACATCTGAAAAAATGTAT-TGATATTAACCCTAATAATTTGGG	25241

Majority	CAGT--AGTACTAGATTAATGTAG-TAGTGTACAGCTTCTTATTTT-AAAGC---TTGATTTTGCAGATTA-T--TTTTTT	
	28970 28980 28990 29000 29010 29020 29030 29040	
Human	CTTGTGCATGAAAACATGAAGAAAGCTAGGAAACATTTTCTGTGTTGATAATGAGCCAATAATGTGTATCAGTGGTTCTTA	28969
Kakapo	CAGT--GGCACTAGATTAACGTAG-TAGTGTACAGCGTCTTATTTTGAAGC---TTGATTTTACATATTAGTC-TTTTTT	3952
GoldenEagle	CAGT--GGTCTAGATTAATGTAG-TGGTGTACAGCTTCTTATTTT-AAAGC---TTAATTTTGCAGATT-----TTTTT	4124
JapaneseQuail	CAGG--AGTTCTAAATTAATGTAG-TGCCATCAGATTCCTATTTT-AAAGC---TTTATTT-GCAGATTA-----TTTTT	4032
MediumGroundFinch	-----	0
GoodesThornscrubTortois	6AATTAACAATCCAGTGTCTGTGG-TAACTTTTAACTGTCTCATTAGAAAT---ATGCTTTGATAGATATTTAATTGCAT	25317

Majority	CAAAACAACACTTTTCTCGT-G---TTGCATAGTAATTGTAATAGACATGTTTTCTTCTTCTTCTCCCTCATCTTTT	
	29050 29060 29070 29080 29090 29100 29110 29120	
Human	AACTTTAGCATGCATCAGAAACACTTGGGGATTTTTTTTTTTTAAACCTGGGGTTTTTAGATCCCACCCTCAGAGTTTCTT	29049
Kakapo	CAAAACAGCACTTTTCTCATTTG---TTGCATAGTAACTGTAAGACATGTTTTCTTCTCCCTCCCTCCCTCCCTCCCTTT	4029
GoldenEagle	CAAAACAACACTTTTCTCGTTG---TTGCATGGTGAATGTAAGACATGTTTTCTTCTTCCCTCCCTCCCTCCCTTTT	4201
JapaneseQuail	CTAAGCAATGCTTTCTTGT-----G-----TGCTTTGTGTTT-TCTTCTCCCTCATCTCT	4084
MediumGroundFinch	-----	0
GoodesThornscrubTortois	@CACAAAACACTTAACAAT-G---TGGCATACAAGTGATCATGTATATCTTAAAATATGGTTTAAACAATGCTAATTTGAC	25393

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Majority      TTTC--T---AAAACAGTT--ACCACTGAAGTTAGA-----AAAA--T-----CTGTTTTTA---TTAGG----ACA
                29130      29140      29150      29160      29170      29180      29190      29200
Human         ATTCAGTAGGTCTGGGATTGGACCTGAGAACATATACTGTCAGTAAGCTTCCAGGCTAATCTTAGGATTAGGGACCACA 29129
Kakapo        TTCC-----AAAACAGTT--ACTACTGAAGTTAAA-----AAAGA-----CA 4064
GoldenEagle   TTTTTTTTTTGAAACAGTT--ACCACTGAAGTTAAA-----AAAGAAGTGA-----CTGTCTGTA---ATAGG----ACA 4262
JapaneseQuail TT-----CAGTT--AACACTGAAATTAGA-----AAAAG-----TTGTTTTA---TCAGT----ACA 4127
MediumGroundFinch -----0
GoodesThornscrubTortoise@TCCTTACAAGAAGAGGTCATTGTTATACATTGA----ATGAATTTATATGTCCTGTTTTTA---TAAAG----CCA 25461
    
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Majority      CAACAATATGGGTGGTAG-----AATTT-----ATGTAGACAGAGAAGTGAGTGTTTTCTTTGCT--TTACT
                29210      29220      29230      29240      29250      29260      29270      29280
Human         CTTTGAGAATGATTAGAGTATTCAATTAGATCTTAGGGACTACACTGTGAGAATCAGTAATGTATACAATTCTGCTCATC 29209
Kakapo        CACAATATGGGAGGTAG-----AATTT-----ATGTAGACAGAGAAGGGGGCGTTCGCTCTGCT--TTACT 4124
GoldenEagle   CAAAAATATGGGAGGTAG-----AATTTGTT-----ATGTAGACAGAGAAGTGGGTGTTTGCTTTGCT--TTACT 4325
JapaneseQuail AAACAAAATGAGTGCTAG-----AATTT-----ATGTAGACAG--AAGTAAACATTTTCTTTGCT--TGACT 4185
MediumGroundFinch -----0
GoodesThornscrubTortoise@AGCTAAACTGGCAGTGGTTAACAATAAAATGTTATAA---ATACAAATACTTGAGTAACTAAGTTCACAACACTAGTAATT 25538
    
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Majority      TTTTATTTTCAAGTTC--AGTTATGAATTTT-ATCATAATTTATATAATAAGGTGATTGCTTTCGACTTGTGTGTTAAT
                29290      29300      29310      29320      29330      29340      29350      29360
Human         ATGTTCTTATAAAACTATGCCATGCCAGATCTTCCATATCTTGATTAGAAAATTGGTTAAGAAAATTAGGCTTGGTGTAAT 29289
Kakapo        TCTTGTTCCTCAAGTT----GTTATGAATTT--ATCATAATTTATTAACAAGGGAAGAGCTTCCAAATGTGCGTTAAT 4197
GoldenEagle   TTTTATTTTCAAGTTC--AGTTATGAATTT--ATCGTATTTGTTATAACAAGGGAAGAGCTTCCAAATGGTTGTTAAT 4400
JapaneseQuail TTTTCTCTC-CAAGTTC--AGTTATGAATTTTATCATAATTTATTTAATAAGGAGTTTCCTGTAGGTTATTAATTATT 4261
MediumGroundFinch -----0
GoodesThornscrubTortoise@TTAATAGTATCTGCTGGA-AGTTTTAAAAAATTACTACCCATCCTAAGTTTGGTGATTTATATTGACCAGTTTATCAT 25617
    
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Majority      TCAGTATT-TTTTTCATTGTTGTT--TTTGATTTTTTT--GTTGGAATTGGATCTGTACTTGATAGAGAAGCAGGCTGAGA
                29370      29380      29390      29400      29410      29420      29430      29440
Human         ACAGTATCAATGTGGCTTGAAACTGGTTGTATTTTCTGTTTTTTTTTTTCTTTGTGCATTTGATGCTAATAAGTAGAAA 29369
Kakapo        TTACTGTT-TACTTCACTTCTGTG--TCCAAATCTGTT--GTGGGAATCAGATCAGTACTTTGTAGAGAAGCAGACTGAGA 4271
GoldenEagle   TT-----TGTTTCACTTTTGTA--TTCAAATCTGTT--GCAGGAATTAGATCGGTACTTTCATAGAGGCAGACTGAGA 4468
JapaneseQuail TCACTTCTGTATCCAGTTGTTGTT--TTGTTTTTTTTTTTACAAGAACTGGATCAGTACTTGATAAAAACAGTTTCGAGA 4339
MediumGroundFinch -----0
GoodesThornscrubTortoise@CTGTAGTAATGTAAATTGACATT--TATGATTATCATACCAGTGGGCTTGTGCATATATGTGCATACATTAAGCTCACA 25695
    
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Majority	AATAATGAGA-ATGTAAAGATAA-GTTGTATGCGTGAACCTTTAGGTT-TGTTAATGTATGTATGAAAGCAGTTCTATT-T	
	29450 29460 29470 29480 29490 29500 29510 29520	
Human	GCTCTTAAATATTTTAAAGGGAGACAACCTATGGATATCTGTTTACTC-TTCTCATATTTGTTGTAATACAGTTTATTCAT	29448
Kakapo	AATAATGAGA-ATGCAAAAATAATGTAGGGCAAGGGAACCTTGAGGTTATATTAATGAATGCACGCAAGCAATTCTGTT-T	4349
GoldenEagle	AATAATGAGA-ATGCAAAGATA-TATGGGACAAGGGAACCTTCAGGTTATGTTAATGGATGCATGCAAGCAGTTCTATT-T	4545
JapaneseQuail	AATAACGAGA-ATGAAAAGACC----T--GTGCGAGAACCTTTAAATT--GTTAATGCATGTAAGAAAAAAATCCTATT-T	4409
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AGCAAGAACA-GTTTTAAAATAA-GCTTTATGCTTGAAAGTGTGTTTTTCAGTGGAATCTAGCTTAAACATCAAGAATT-G	25772

Majority	CAGTGGTGTAAATGTAA-TTTGTATA--AGC-AATGGTTCATATTTGTCCAGGGACTTTTTAGCTATACTATGTAAGTGC	
	29530 29540 29550 29560 29570 29580 29590 29600	
Human	TATGAGTTTAAATACAAATTAGCGTAA-AGCTTATGGTTAATTTGGATTTTTTGGACTTTCTGAAATGCTTTGATAATTC	29527
Kakapo	CAGTAGAAACAGAATTCTAGTATATA-CAGTTAAGTCTTCACATTTGTCCAGGGGCTTTTTAGCTATACTGCATCACTGC	4428
GoldenEagle	CAGTGGTAGAAATGT-----AGACTCCACATTTGTCCAGGGACTTTGTAGCTATACTATGTAGCTGC	4607
JapaneseQuail	CAGGGGTGTGCATGGAAGTTTTCTTA-TGAA-AATGGTCTCTGCTTGTCTGGGGAGTTT-----GTACTACGTAGCTGC	4481
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	TAACCTTTGTTTATGAAACCTTGATAACTGCAGAAGACAAAACCTAAACAGTAAATCTGGAAATGAA-TAGTTAAGAGA	25851

Majority	CTTACCACCTTATGCTGCTTTTTGTAACTGCTTGGTGAACC-AGGTTTTGTGTAGTAAAGCTCTTTGGCTCAGATTCAG	
	29610 29620 29630 29640 29650 29660 29670 29680	
Human	ATTGCTCCTTTGCACATTTTTTTCATTTTGATGGTTGCATTTAACTTCTTTGTACTGA--TTTTTTAAATCAG--CCAG	29603
Kakapo	CTTACCACCTAACACTGCTCTGTGTTAACTGCTTGGTTAGCC-AGGTTTTGTCTAGTAAAGCTCTTTGGCTCAGATTCAG	4507
GoldenEagle	CTTTTCACCTGAAGCTGATCTATGTTAACTGCTTGGTAAGCC-AGGTTTTGTCTAGTAAACTCTTTGGCTGAGATTCAG	4686
JapaneseQuail	CTTA-----AATGCTAGTTTATGTGAAGTCTTGGTGAACC-AGGTTTTGTGTAGTAAAGCTGCGTGGCTCAGGTTTCAG	4554
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	TTACTGCTTTATAATGCTACTTAACTCCTCTTTATCCCCTTAACTTATATGCACTCAACCTTAATTTTTGATCCAT	25931

Majority	TAT-TGGTTCTACTGGATTTGGACT---AGTTCTTATAT-AATACAACCTAGCTTTTAGATAGCAGAGGCTATTTTGTCA	
	29690 29700 29710 29720 29730 29740 29750 29760	
Human	TAT-TAATTTAACCTATTTTCAATACTAATATCCATGTATGTAATATCCATAACTAAGGCAAAACAGTTGATTTTAGCT	29682
Kakapo	CAT-TGGTCCTGCTGGATTTGGACT---AGTTCTTATGT-AATACAACCTAGCTTGTAGATAACAGCAGCTATTTCTGTCA	4581
GoldenEagle	TAT-TGGTCCTA---GATTTGGACT---AGTTCTTATAC-AATACAGCTAGCCAGTAGATA-CAGCAGCTGTTTGTCA	4756
JapaneseQuail	TAG-TGGTTCTGCTGGATTTGGGCT---AGATCTTAGAT-AATACAATTAGTCTTTAGATAGCAGAGGCTACTGTGTCA	4628
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AACATTGTAAAAATATATTTAAAGTTCAAATTCCTATATTAATAGTACTAAATCATATTTAGAGGATCCATTTCCGATT	26011

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Majority      GATTT-AAC-----CCTGTATTATGTTTCTAAGTAAGCTTGCTTCTAGGAGGAGCTGTAATAA-ACTGGT-----TA
                29770      29780      29790      29800      29810      29820      29830      29840
Human         AGTTTAAATATTAGTCCATTCATATTTTTGTAAGTACATAACATTTTCAAATAGCTAAAATGTCACCTGGCTGGTTTGAA 29762
Kakapo        GAATGTAGA-----CCTGTAGTATGTTTCTGAGCAAGCTTGCTTCTAGGAGAAGCTGTAAGAA-GTCAGT-----TA 4647
GoldenEagle   GATGT--AC-----CTCGTATTACGTTTCTAAGCAAGCTTGCTTCTAGGAGGAGCTGTAAGAA-GCGAGT-----TA 4820
JapaneseQuail AATGA--A-----CCTGCGTTATGTTT--GAGTAAGCTCTCTTCTAGGAGGAGTTGTAATAA-ACTGTG-----TG 4689
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACTATAACATA---CCCACTGTTACTCACTACCAAATCCCTACCCACTTGGTACTACACAAA-ATAGAGATAAAAAATA 26087
    
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Majority      CA--GATTCTGGTCCCATCTGGCTTCATGTGTTTCGCTCAGT-ATTGAAG-CT-AGCTTAAAATCACTCTCTGAATCAAGA
                29850      29860      29870      29880      29890      29900      29910      29920
Human         CAACTGTGCAGTTACCGAAGAGATGAATGTATAACCTTTTCTGTAAAGAATTTTAAGACATGACCTTATTTTTTGCAGA 29842
Kakapo        CA--GATTCTGGACCCATCTGGCCCCACAGGTTTCAGGCAGT-ACTGAAGACA-AGCTTAAAATCACTCTCTGAATCAAGA 4723
GoldenEagle   CATAGATTCTGGACCCATCTGGCTTCACATGTTTCGCGCAGT-ATCGGAG-CA-AGCTTAAAATCACTCTCTGAATCAAGA 4897
JapaneseQuail -----TTCTGGGCCCTACCTTGGTCCATGTGCGTGTTTCAG--ATAACAG-----ATAAATCACTCTTGAGTCAAAA 4753
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACACTTGCAGCTTTTATGTCACTTTGTGTGTAAATCTGT-GTTCTTGGCTTAACTGGTAGACATTTACCTTCTTGAGC 26166
    
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Majority      GAAAAGTGTAGTTATTCAGTAATTCTGTGGGAGCT----AATCCCAATCA--GAAATATAAACTGGTATAAATT-TTTC
                29930      29940      29950      29960      29970      29980      29990      30000
Human         AAGAAATCTCTTCATTCCAAGATTTTGCCTTTGCTTTTCGGTGTCTAGCCACTGAAGTATATACCTGTTTAATTTAAT 29922
Kakapo        GGAAAGTGTAGCTCCAGTA---CTGGGTGGGAGCT----AATCCCAATCA--GAAACACAACTGGCATGATTATTTTC 4792
GoldenEagle   GGAAAGTGTAAATTATAAAGTACTTCTGTCAGAGCT----AATCCCAATCA--GAAATATGAACT----- 4956
JapaneseQuail GAAAAGTACAGTTATTAAGTAGTTCTGTGGGAGCTC---AATGCCATTCA--GAAATATAGACCAGTAAAATGT TTC 4827
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AGGAATTCTGATACACCCACATTCCACTCCTGCCT----AAT--AAACA--ATTGTATAAATTGCTGGCCATCTATG 26237
    
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Majority      TCTGTTGAAGGGAGGGATA-C-----CA-----TTTAAATTGTATTTAATAGTTGGGAGGAATTTTC-CGGGTAAATTCAA
                30010      30020      30030      30040      30050      30060      30070      30080
Human         AATGATGAAGATATTGATATCTAACTCACCAGAATGAAGTTCTAATTTTCTAAAGACCTGAATTATCTGGATGAATAAAG 30002
Kakapo        TCTGTTGATGGGAGGAAAA-AAGCGTCAACTGCCTTAAACTGTATTTAATAGTTTGGAGGAATACC-TGAGGAAGTTCAA 4870
GoldenEagle   -----TTAGGAATGTATTTAATAGTTTGGAGAAATACC-CAGGGAAGTTCAA 5002
JapaneseQuail CCCATTACCTGGGAGGACA-G-----TGCTCAACTGCCTACAAGTGTAGGAGTGTATTTGACAGTTAAATTCAA 4894
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTTCTAGAAGCTGGTCTA-CAAACCCACTGCCAGTTATTTCTTTAGAGCAATTGGTAGAAACCTATCCTATGAATCTGA 26316
    
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Majority      GTCTTTCAGAAATTAACCTGCCTCA--TGAACGGTTTTG-GGCAAAACAATTTCTAA--A-TTGCTCTCATTCTTTTCTAA
              30090      30100      30110      30120      30130      30140      30150      30160
Human         GACCATTGGGATGGAGGATTTATA---GAACGTTTCTGAGAAAGTCTAGCTGTTGTGGCTTTGGTTTGTTTGTAAACAAT 30079
Kakapo        GTCTTTCAGAAGTAAACTGCCTCC----ATGGTTTTGCGGCAAAACGATTTATAA--A-TTGCCCTCCATCACGTCTAA 4942
GoldenEagle   GTCTTTCAGAAGTAAACTGCCTCATGTGAACAGTTTTGGGGCAAAACAATTTCTAA--A-TTGCCCTCAATCCTGTCTAA 5079
JapaneseQuail GTCTTTCAGAAATAAACTGCACCACATGAAGAAGTTTGTGGCAAAGCAATTCATAA--AATCACTCTCAGTCATTTCTAA 4972
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGGTGT-GGCGTCAAACCCCGTTT-ATGAGACATGCTG-GAAAAAATAGTCTCTAATTATTTGATTGCATACTATCATAA 26393
    
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Majority      TGAAGAAGCAATTTTCAGGCA---GACTATGTATTGTTT--GAACCTTAAATTTCTGACATTCTCAGTTTTGGAGAAGTTAA
              30170      30180      30190      30200      30210      30220      30230      30240
Human         TGAGATAGCTTTCCAAAGCTTTTGCTTATAGAATCTAATCACTTTTTCTATTTATTGTCTTTTGGGCTTAGAGTAAAGAA 30159
Kakapo        TGAAGAAACAATTTTCAGGTA---GACCATGTATTGCTT--AAGCCTTAAATTTCTGACATTCTCACTTCAGGAGAAGTAAA 5017
GoldenEagle   TGAAGAAGCAATTTTCAGGTA---GACTGTGTATTGCTT--GAACCTTAAATTTCTGACATTCTCACTTTGGGAGAAGTAAA 5154
JapaneseQuail TGAAGAAGCAGTTTCAGACA---GTCCATGTATTATTT--GAACGTAAAATTTCTGACACTCTTAGTTCAGGAGAAGTT-- 5045
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGCATATTTCTCAAGAGAGCA---AAATTGAGATTATATCGGTAACTTTAAATTTGGGCATTTCCCATCTTTGAGTGCCT-- 26468
    
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Majority      -GGATTTAGTATC--TT-CATTTTTTAGTATGAGTGACTTAGA-T-TTAGGAGAATTTGAGGGTTCATGAAATATTTTGT
              30250      30260      30270      30280      30290      30300      30310      30320
Human         GGGAAAGGAAACACTGTTGCCTTTGTGAGAATGGGAGAGGGATAGA--TGGGAGAGTAGAGGGATGAAGTTAATTTTTTAT 30237
Kakapo        TGGATATAGTATCCCTTTTCATTCGTTGCTGTGAGTGACTTAG-----GAGAATTTGAGTGTTCATGAAGTATGTTGT 5089
GoldenEagle   TGGATTCAGTATCCCTTTTCATTTCTTAACATATGAGTGACTTAGAATCTTAGGGGAATTTGAACGTTTCATGAAATACGTTGT 5234
JapaneseQuail --GGTTCAGCATC-----AATTCCTTAGTATGAGTGACTTAGACTCTTAGAAAAATTTGAGCATTCCTGAAATACTTTGT 5117
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGACTTTGTAAAG-----AATATTAAGATTGCATATTTTGTGTTTTGAAATATATCCAGGGGATCCTCTC-TGATTAGC 26540
    
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Majority      G---ATGTAGTACGATTTTGGAAACCATAATTTTCAGTTACTAGCCAGACGATGAAGTGAAGGTACTTCAGATGACATAATT
              30330      30340      30350      30360      30370      30380      30390      30400
Human         TA-TAGGGATTAACATTTTTAACTATTTCCCAATAGTGTAACATTTGACATTTAAGTGAAGGCTTTTAGATTA-ATATTT 30315
Kakapo        G---TGTAGGACGATATTGGAACCATAATTTTCAGATACTAGACA--CGATGAAATGAAGATACTTCAGATGACATAAGT 5163
GoldenEagle   AAGCATGTAGTGTGATTTTGGAAACCATAATTTTCAGGTTACTAGCCAGACAATGAAGTAAAGACACTTCAGATGACATAACT 5314
JapaneseQuail G---TGTAGAGCAACTCTGGATCCATAATTTTCAGGTTACTAGCCAGCGATGAA-TGAAGGTACATCAAATGACAT---T 5189
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATTTATTTGGAAACA-GTAGAAGGGATAGGTTCTGTGCATCACAAGTGGATTATCTGTGCCTTAGATTTCTCTGTT 26619
    
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Majority      GCTTCT-TTTTGTGTCTGTAGAAAGTTGTGTTTTTAATGTAATA----AAGAAAGTGAGACAAGTGTATCTGAGGTAGT
                30410      30420      30430      30440      30450      30460      30470      30480
Human         TTA A A T T T A A A G A T G T C T T A T G C T A A T T G T T T T G T T T T C A T A ---- G A G A G G A T C T G A C G A A C T A C T C T C A G G C A G T 30390
Kakapo        GCTTCT-TTTTGTGATTGTAGAAAGTTGATTTATGAATGTAATATAAAAAAGAAAGCGAGCCAGGTGTATCTGAGGTACT 5242
GoldenEagle   GCTTCT-TTCTGTTGATTGTAGAAAGTTATATTATGAATATAAATA----AAGAAGGTAAGACAGGTGTATCAGAGGTAGT 5388
JapaneseQuail ACTGCT-TTCTGCTGCCTGTAGAAACTGAGGTTGTAATGCAAGA----AAGAAAGCGAGGGAAGTGTATCAGAA--AAT 5261
MediumGroundFinch ----- 0
GoodesThornscrubTortoise eTTGTTATTTTGACATCTGGTAAATTGCTCAATCAGACACAATTTTCTATCATACATAGTTTATTAAATTGTGAGTATTC 26699
    
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Majority      GTTTAAATTC AATACAAAG---AAATGAACAGAAAGTGT CAGGAAGATGTGATCTTTGCCTTGTAAGAAAGGTCTTGTTT
                30490      30500      30510      30520      30530      30540      30550      30560
Human         GTTCTCAGT-AGTCCGAAC TCTAATATGAGCAGCATGGT-AGTTACAGGTAAGTGT TACTCTCTTAGCAGTCTGTCATTT 30468
Kakapo        GCTTAAAATCCATACAAAG---AAAGGCACAGAAGTCTCAA AAAAGGTGTGCTCTTTGCCTTGTA AAAAAGGGCTTCCTC 5318
GoldenEagle   GATTAAAATCAATACAAGG---AGAGGAACAGAAAGCGTCAA AAAAGGTGTGGTCTTTGCCTTGTAAGAAATGGCCTTATTC 5464
JapaneseQuail GATTAAAGTTAAATACAGGG---AAATGCAAGCAAGTAT-ATGAAGACATGATCTTTGTCATGTGAAAACGGTATTGTT- 5335
MediumGroundFinch ----- 0
GoodesThornscrubTortoise aTTTTAATTCATTATGTAATATTAATAAATCTAATTATCAGGTTAAT-TAAACAATACCAAATAGGATAACAATTGCTT 26778
    
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Majority      TC-GGATTTTAAA---AGGAAACAATCAATTTGTGTATTGAAGTATTTGGGTATAAATAAAAAGGATGATTGT---TTTCT
                30570      30580      30590      30600      30610      30620      30630      30640
Human         GC--CATTTTAGGG--GGCAGAATGTTAAA ACTCAAATTTAACCC TGTATACCAGGAAAGCCTTTCTTTT TAAATGCGT 30544
Kakapo        TCTGGACTTTAAA---AGGAAACAATCCATTTGTGCATGGAAGTAGTGGGAATAAATAGAAAGGGT GATTGT---TTTCT 5392
GoldenEagle   TCTGGATTTAAA---AGGAAACAATCAATTTGTGCATGGAAGTAGTGGGAATACATAAAAAGGATGATGGT---TTTCT 5538
JapaneseQuail -----GATGTAGA---AGAAAACAATC---TGTATGCAGGAGCATAGGGTATAA--AATAAAGACAATGGT---TTTCT 5398
MediumGroundFinch ----- 0
GoodesThornscrubTortoise eTAGCTCTTTTAACTGGTAAATGGCAGTCTTTGTGTTTAGCTGTCAGTCACAAAATAGGAGGACATTTCC---ACTGT 26855
    
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Majority      GAAGAAAGCTGTTAGATTTGAGTGTAGTAAAGTGGATTGTATCC---TGGAGCTTCTGTAAC--TCTCAAGATACTAATA
                30650      30660      30670      30680      30690      30700      30710      30720
Human         GTTGAAACATTTTAGAGTAAATTTTACTAAAGTATATATGAGCCGAGTGGAAAAAAAAAAAAAAAAA CCTGAAGCTGGTAACT 30624
Kakapo        GAAGAAAGCTGTTAACTGTGGGAGAAGTAAACTGGATTGTATTC---CTGAGCTTCTGTAATTATCTCTAGATACTAATA 5469
GoldenEagle   GAAGAAAAGTGTTAGATACGGGAGCAGTAAACTGGAATGTATTC---TGGAGCTTTTGTG----TCTCAAGATACTAATA 5611
JapaneseQuail GAAGGAAGCTGTTAAATATGAGTGGGATAAAGTGCAC TGTCTCC---TTGAGCTTCTGTAAC TGCTCAGGACACCAAGA 5475
MediumGroundFinch ----- 0
GoodesThornscrubTortoise eTCCCAATTTATATGATTTTATGTTTGTGTTGTCAAAAGACTCACACCG---TGAAGATCAGCTCAC--TTCCATGTTAAATATA 26930
    
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Majority      AGAATGTA AAAATGGAATTTCTCAGTAATTTATGTTTGCAGTTTGTGTA-GCAGTTTGATGCTAGCTTCAGTTATGTTTTG
              30730      30740      30750      30760      30770      30780      30790      30800
Human         TTGGTGAACAAGTTACTCTTAAATTTGATTGCTTTTCATTTTTGAACCACAAATGTAATCTGTCTCACATTATAGTCCC 30704
Kakapo        GGAATGGAAAATGGAATT-CTGGCTAATTGATGTATGCAGTTTGGGTA-GCAGCCTGATGCGAGCTTCAGCAGTGTTC 5547
GoldenEagle   AGAATGGAAAATGGAATTTCTCGCTAATTGATACATGCAGTTTGGGTA-GCAGTCTTATGCTAGCTTCAGTCATGTTT 5690
JapaneseQuail AGAATGTGACATGGAATTTCTTAGCAATTTATATTATAGTTTGTGTAAGCAGTTTGTGTTGGCTCTAGTCATATTTTC 5555
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAACAGTTAAAGTAAAGAGAACAGTTTCATCAGGATTTAAGCACATAAT-GTTAATCCATAAAAATTTACATGTGAGATTAG 27009
    
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Majority      TTGGAGGCCTTGTGAAGCA--TTTGTTTTTTTTTT-TTCTGGTGGCTGTTTCGT--TGCTGTTGATGAA-CTTATGTTTT
              30810      30820      30830      30840      30850      30860      30870      30880
Human         TTCATCTGCCCTCTGGTATTTTTATTTGTTTTATTTTTTGTGTTTGTGTTGTCATATAATATTTTTACTTTAAGTATT 30784
Kakapo        TGAAGGCCATGTGAAGCA--TTTGCCTTTTATGT-TCTCTGGTACTGTTTCAT--AGCTCTTGATGAA-CTGATGTTTT 5621
GoldenEagle   TGGTAGGCCATGTGAAACA--TTTGTCTTTTATGT-TCTCTGGTACTGTTTCGC--TGCTCTTGATGAA-CTGATGTTTT 5764
JapaneseQuail TAGGAAGCATTGTGAAACACCTCTGTGTTTCTTTT-TTCTGGTGGATGTTTCAT--TGCTGTTAATAAAGCTAACGCTCT 5632
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseTTGGGTTTTTTTTTAAAGTACTTAATTTAATTTTTT-GTTTCTGTGGCTGACTTT--AGGAGTTGCCCTATGTGGGTTT 27086
    
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Majority      AAAGTTGAGGAATGCTTTACCTATAGGTTGTGTATAAACCACAGGGAACATTCACTTGGCCTTTTCTTAGCTTTTTTCTT
              30890      30900      30910      30920      30930      30940      30950      30960
Human         TATGCCACAAACCCTAAAACCCAAATTTAAGTAAAACCGAAGAATTCAGTACATAGTTGTTTAAAACCATTGCAACC 30864
Kakapo        ACAGTTGAGGAATGCTTTATCTATAGGTGGTTTATAAACCACCAGGAACATTCATTCGGCCTTTTCTTGGCTGTTATCTT 5701
GoldenEagle   AAAGTTGAGGAATGCTTTACCTATAGGTGGTATATAAACAACCTGGGAACATTCATCTGGCCTTTCTTGGCCATTTTCTT 5844
JapaneseQuail AAAGCTGAGGGATGCTTTACCTAATAGTTG-GTATTTATGACAGGAAAATTCACGTGGCTTTAACTTAGCTGTCATCTG 5711
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAAATAATCACACACTTACTCTTAATTAACGTGCCTAATAAGGAGAGAACACTAGACCTTCTAGGAGTGTGTCTCTG 27166
    
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Majority      TTCTTTGGGGTGCTTTGGG--AATGTGTA--GGGAGCAGGTTTGTGAGT-CCAAGGTGTTGCATCA--GCAGTTTTAATGC
              30970      30980      30990      31000      31010      31020      31030      31040
Human         ATAGTTGCTATGGTTTTAACTAATTTTTGCTGAAACAGTATTTAATTCTGAGTTGATCCTTTTATGTTGTCTACCTGC 30944
Kakapo        TTCTTTGGGGTGCTTTGGG--AACGTGCA--GGGAGCAAGTTTGTGAGT-CCAAGGTGTTGCATCA--GCAGTGTTAATGC 5774
GoldenEagle   TTCTTTGGGGTGCTTTGGG--AATGGG---AGGAGCAAGTTTGTGAGT-CCAAGGAGTTGCATCA--GCAGTTTTAATGC 5915
JapaneseQuail TTCTTAGGGGTATATTGGG--AGTGGGTA--GAGAGCAGCTTTGTGAGTGCCAAGGTTTGCATCA--GCAGATTTAATGC 5785
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseTTGGAAAAATAAAATCGA--AACACATGATACTTATAGAAGATGATTTACATTGTTATGGTTTCATGCATCTTCAGGAA 27244
    
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Majority      TCTTTTAA--TACT--GCTTTTATCGTGATTGG-ATAGCTATTGGAAGTTGGCAGGGATTTACCTGTGT-----TAGAT
              31050   31060   31070   31080   31090   31100   31110   31120
Human         ATATTTAAGATGATTTGTTTTAATCTTCAAAGTTAGAGTTAAAAAAATTTGATATGTCTGAAATAATGTTG--TTTGTA 31022
Kakapo        TCTTTTGG--CACT--GCTTTTACTGTGACTGG-ATAGCTCTTGGAAAGTGGATTGGGATTTACCTGTGT-----GAAAT 5843
GoldenEagle   TCTTTTGA--CACT--GCTTTTATTGTGACTGG-ATAGCTGTTGGAAAGTGGGCAGGGATTTACCTGTGT-----GAAAT 5984
JapaneseQuail TCTTTTAG--TACT--GCTTTTATCATGATTGG-ACAGCCATTAGAAGCAGACAAGGATTTACCTGTACTTGCACATGAT 5860
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTAATAA--TGATTAGCCTGTAACATTTTCAACACAGCTTGTTAATATTAGAAGCTGATTCCTTGTGG-----CTATCA 27317
    
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Majority      CAACTTATCCAGGATATTTGTTTGACCTGATGCCTTCTTGAGGTTTTCTGCCTACTGTATG-TATGTTTATTAGTC--TT
              31130   31140   31150   31160   31170   31180   31190   31200
Human         GCATCTGTCAGTAAAAACAATATAGACCAAATTTTAGACCTTAGTTTTATGGCTGATGGGCCAAATTTTTTTTTGTATTTT 31102
Kakapo        CAACTTACCCAGGACATTTGTTTGACCTGATGCCTCCCTGAGGTTTTCTACCTACTGTAT--TATGCTGATCAGTTAGTT 5921
GoldenEagle   CGACTTATCCAGAATATTTGTTTGACCTGATGCCTTCTTGAGATTTTGCGCCTACTGTATG-TATATATGCTGATCAGTT 6063
JapaneseQuail CAACTTACCCAGGGTATTTGTGTGACCTTACACTTTCTTGAGGTTTTTGCCTGCTGTATG-TATGCTGAGCAGC---T 5935
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ATCTTAGATTTTACAAGTTATTGGACTCCTGCCCTTGTTGGTTGCCAGGCAGGGAATG-GAGAAAACCTTAGGC--CT 27394
    
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Majority      ATTTGGTATGTTTGTGATGTATTCAATTTATATTTGAA-GAAAGAGATTGTGAT-TT---TGACCCTTCTGTTTGAAAAAT
              31210   31220   31230   31240   31250   31260   31270   31280
Human         GTTTAGTTTTGCTTGAATTGACGTGTTCTCATCTGAATGGGCCAAATTTTGAATTTGATTATTATTATTATCAAATGAAT 31182
Kakapo        AGACGGCATGTTTGTGATATATTCAGTTGTATTTGGA-GAAAGGGATTGTGACACA---GGACACTTCTGTTTGGAAAAT 5997
GoldenEagle   ATACAGTATGTTTGTGATGTACTCAATTATATTTGCA-GAAAGGGATTGTGATATA---TGACCCTTCTGTTTGGAAAAT 6139
JapaneseQuail -----CTATGGCATACTGGTTATACTTGAA-GAAAAAGACTGTGA-----CCCTTCTCTTAGAAAATA 5993
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTTGCCAGCATGGACTGGCATCATATA-GCCAGAA-GCAATATAGTCTCCT-TT---TCCTCCAGGTCTTGAAGATAA 27468
    
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Majority      TTGCTTTGCTT-TTCATCATCAGTCATGTCGATACAAATTTGAAAGTTCTATTA-ACTATTGCTGGCTG--GTTTCTCT
              31290   31300   31310   31320   31330   31340   31350   31360
Human         TTACCTCACAACCTCCACATTTTACATTTATTTACCTGAAACCAAAGTTCTTTTTCTGTATTTTAACTTTGA-ATTATTTG 31261
Kakapo        TGGCTTTATTT---CATCATCAATCATGTCGACACAAATTTTCATAGTTCCATTA-ACTATTGGCTGGTT-----TCT 6065
GoldenEagle   TTGCTTTGCTTTATCATCATCAGTCATGTCGATACAAATTTGAAATTCATTA-ACTATTGCTGGCTG--GTTTCTCT 6216
JapaneseQuail CAGTTTATCAAATCATCATTAGTGTGTTGATACAACTATGGAAATGTATTA-ACTATTGCTGGCAG--GCTTCTCT 6070
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AGCCTGGCTGGTTCTCTCTCACA AAAAACCATCTTCTTTGGCAAGTCAGAAATGTGGCACTGTCCTCTGAAGTCACTGA 27548
    
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Majority	CTTAAACAGCAAAG--TGAAT--GTTAGTTATATTTTTTATACCCATTTGTAAGAGAGTAATAGTAGAAGTTAACTACTGT	
	31370 31380 31390 31400 31410 31420 31430 31440	
Human	CTTGAAGAACAAT--TATATTTGGCAATAAAAGGATCATGAAAGACTAGAAGACATTTTGATTCCCTTAGGTAGCTGT	31339
Kakapo	CTTAAACAGCAAAG--TGAAC--GT--GTTACGTTTTTACACCCATTTGTAAGAGAGTAATAGTAGAAGTTAACTACTGT	6139
GoldenEagle	CTTAAACAGAAAAG--TGAAT--GTTAGTTATATTTTTAAACCCATTCGTAAGAGAGTAATAGCAGAAGTTAACTACTGT	6292
JapaneseQuail	CGTAAGCATAAAAG--TGAGCTTGTTAGCTATGTTTT-AAACCTGTTTGCTA-AGGCTAGCAGTGGAAGTTAACAAGTAT	6146
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATCACCAGTGGGGATTGATTGGGTCAATTTTATGCAAAATGAAGAACTTTTGAAAGTCCCACAATTAGTTT-TTATTTT	27627

Majority	AGTCTGGGAATT-TTT--GAATTAGAAA-----AAGGCTTTTCAGCTTTTGGGACTGCATGTAGGCAAGGTAAGTATGA	
	31450 31460 31470 31480 31490 31500 31510 31520	
Human	GCTTAATGTATACATACATCTTGACACACACAAACACAAACACACATCTCTGACAATTCAGTTAACTAAAAATTATAAGG	31419
Kakapo	AGTCTGGGAATTTTCT--GAATTAATAA-----AAGGCTTTTGAGCTTTGGGGACTGCATGTGGGCAAGGCAAGTATAA	6211
GoldenEagle	AGTCTGGGAATTGCTTTGAATTAATAA-----AGGGCTTTTCAGCTTTAGGGACTGCATGTGGGCAAGGCAAGCGTGA	6366
JapaneseQuail	AGACAGGA-----TTT--GGATTGAAA-----AAGGGGTTTCAGCTTTAGGAACTGCATGTAGGCAAGGTGAGTATAA	6213
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATTTTGAAATAAATGGGCAGTCAGTCATTCTACAGAACAGAAAACATTTTGTGATGCATGCAGGTAGAGT--CCATCA	27705

Majority	A-TAAAGGGAAAACCTGCTTATAATGTTTTGTTAACAGTTTTACAGT--CTTAGTGTATTTAT----TAATGAGGCTGC	
	31530 31540 31550 31560 31570 31580 31590 31600	
Human	ACTTAACAGATAA--TAGTCATGATGTGAAGATA--AATTTGTCAACAGGTCATTATCATTGATTTTGCTATGTAATGAT	31495
Kakapo	AGTAAAAGGAATACTTGCTTATAATGTTTTAGTAACAGTTTTACAGT--CTTGGGCTTAC-----AATGAGGCTGC	6280
GoldenEagle	AGTAAAATGAATACTTGCTTATAATGTTTTATTAACAGTTTTATAGT--CTCAGAGTTACCTGC----TAATGAGGCTGC	6440
JapaneseQuail	A-TAAAGGGAAAGCCTGCTTGAATATTTCT----CAGTTAGATAGT--CTAACTGCAAATTTCT----TAATGAGGTTGT	6281
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	A-CTTGGGGAAAGTTGACTTTAGATTCTCTGTCAACAAGATCACCATAATTTAAATTTATTCATAC-ATACTGGACCTTC	27783

Majority	T-AAATTTAAAGCTATTACCATTGTTTGTGCTGTTC-A-GTGCTTTGATTTAAACATTTTT-GTTCATCAAATTTTG	
	31610 31620 31630 31640 31650 31660 31670 31680	
Human	TACAAGCAAAATCACTGGGCCTTGATTTTGATAGTCAAAGTACCATGTACACATAATTGAACAATAGGCAGAAGTGTG	31575
Kakapo	T-AAATTTGAAGCTATTACCATTATTTGTGCTGTTC---GTGATGTGATTTAAACATTTTT-GTTCATCGGAGTGTG	6355
GoldenEagle	T-AAATTTGAAGCTATTA-----TTTTTGTGCTGT----ATGCTTTGATTTGAAACATTTTT-GTTCATCAAATTTGTG	6508
JapaneseQuail	TTAAATTTAAAGCTATTACCATTATTTGTGCTAAGCAAGTTGGCTTGATTTAAAGCATTTTTTGTTCACAAACTCATG	6361
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATTATTTACAGTTGCTGCTGTGCTTTAACTTTAGACAGCATTTTTTATTCAAATCTGACTGAAAGGTTAAACTATC	27863

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Majority	AAT-----GTTCAAT--TTTGTTTTTATTTTTGTGCTGAGTCACCAGAAATTAATACCAAAGCTGAGTAAAGAATTTAT	
	----- ----- ----- ----- ----- ----- ----- -----	
	31690 31700 31710 31720 31730 31740 31750 31760	
Human	TAACTCTGGTTTGTGCGTTTCTCTTTTTTGTTTTTACAATGCATACTGTGATCGATAATGGGAAATTAATTTGGAATTAAT	31655
Kakapo	AAT-----GTTCAAT--CTTGGGTTTATTTATGTGTTGAGTCACCAGAAATTAATGCCAAAAGGCGAGGAAAATATA-AA	6427
GoldenEagle	AAT-----GTTCAAT--CTTGATTTTATTTTCATGTTGAGTCACCAGAAATTAACACCAAAGCTGAGTAAAAAAAATAA	6581
JapaneseQuail	AGT-----GTT-----T---T-ATTTGTGTGCTGAGTCAGAAGAAATTAATACCAAAGCTGAGGAAAGCATTTCAG	6423
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ACT-----GTAAAAAGTCTTTTTTTTTTTTAAACGAAATTCCCAGTTGTTGGTACAGTAATTATATAGGCTGTGTTGT	27938

Majority	AACTAAAAAT--GGAGGTGGAGAAAA--TGAATAACTATTTGAAAAC-----TTGGTTTACATCGAGTAAATGTGGG	
	----- ----- ----- ----- ----- ----- -----	
	31770 31780 31790 31800 31810 31820 31830 31840	
Human	TTCCAAATATTTAGGGCTAGTGACAGAGTAACTAGTAGCAGCCTTTGGCCCTTTTTTCAGTCTCCCCCAAACCAAAAAG	31735
Kakapo	ACTCAAAAAT--GGAGGTGGAAAAAA--TGACACATACTCTTTGAAAAC-----TTGGTTCACACAGAGTAAATGTGGG	6497
GoldenEagle	AACTTAAAAAT--GGAGGTGGAAAAAA--TGACATATACTATTTGAAAAC-----TTGGTTTACATAGAGTAAATGTGGG	6651
JapaneseQuail	CGCAGAATGA--AGGAGTGGAGAAA---TGATGAATGCTATTTGAAAGC-----TTGGTTTACGTGGTGTAAATGTGGT	6492
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GATTACAAGT--GGATGCCTTGACATA--TTGCTAATGGTCTGTGAAGATCACCAGTTTGAAGTCCAGCTTGGCTCTGTAGG	28015

Majority	GATTTG----TACAACATAAAAATATGTGGTGGGAGCATGC--TTCCAAGTTAAAATCTGTCAGAGGAGCAGTGTGCTT-AA	
	----- ----- ----- ----- ----- ----- -----	
	31850 31860 31870 31880 31890 31900 31910 31920	
Human	TATGTA----ACTGAATAAAAATACGTGGAACAACCTGTTGTTTGGAAAGTGATGAGCAGACGGTATAAGATCATCCTT-GA	31809
Kakapo	GATTTG----CACAACTCAAAAATATGTGGTGGGAGCATGC--TTCCAGGCTAAAACCTGTCAGAGGAGCAGTGTGCTTTAA	6572
GoldenEagle	GATTTG----CACAACTCAAAAATATGCAGTGGGAGCACGC--TTCCAGTTAAA-TCTGTCAGAGGAGCAGAGTGTGCTTTAA	6725
JapaneseQuail	GTTCTG----TCTAAAATCAAAATGCGTAATGAGAACATAC--TTCCAGCTAACATCTGTCAGAGGAGCAGTGTGCTT-AT	6566
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AACTTAAAATTACCGTATAATGAATGTTGTGTGACTCTGTGTTCCAAGTTGTAATCATAAACTTATCATTGTGCTT--T	28093

Majority	TTTCTGAAAGAGTTAGAACATGTCAAAGCTGAATACTCTGTGTGTACATGTGAAGTAATTCATA--TTTGATTTGGTCT	
	----- ----- ----- ----- ----- ----- -----	
	31930 31940 31950 31960 31970 31980 31990 32000	
Human	GAGAAGGGGTACACGTGAGGTAAGTATCATGAACACTCTGGCTTTCTGTCTTGGACTATTTTACTGCTCTAAACCACAGA	31889
Kakapo	TTTCTGAAGCGTTAGAACATGTCAAAACCCAGTAATCTTCTGAGCACGTGTGAAATAGTTCATA--TTTGATTTGGTCT	6650
GoldenEagle	TTTCTCAAAGCGTTAGAACATGTCAAAACCCATCATCTTGTGAGTACATATGAAATAATTCATA--TTTGATTTGGTCT	6803
JapaneseQuail	TTTCTGGAAGAATTAGAATATATCAATGCAGATGACTTGTGGCCGTA-ATATAAAGTAATTCATA--CTTGAGTTGATAT	6643
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATACTGACAGATTCAGATAAGCCAGGAGCTGTATGGGCAGCTATTTACCTGTAAAGAAAGTAGCT--TCAGATCAGAT-T	28170

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Majority	GTAGTGTGTGTTTTGCTTACCTAGAAATTCATGGAGGC-A-GA-A-CGTGACTCTGCACAAAGTTTACCCCTTCCGTTTC	
	32010 32020 32030 32040 32050 32060 32070 32080	
Human	GAAGTGGAGAGCCCAGAGTATACAGGTCTCACTGAGCTGAAGAGACCAAGAGTGGGTGTCAGGGCTGCCAATCATTTGG	31969
Kakapo	TTAGTGTCTGTTTTGCTTACCTAGAAATTCATGGAGGCAAGGAAA-CAGCACTCTGCAC--AGTTTACCCCTTCCGTTTC	6727
GoldenEagle	GTAATGTGTGGTTTTGCTTACCTGGAATTCATGGAGGCAAGGAAA-TGTCACTCTGCACACAGTTTACCCCTTATGTTAC	6882
JapaneseQuail	GTAGCGTCTGTTTTGGCTGTCTTAGAATTCATGG-----CGTGCCTTTGCACAAAGTACACCCCTTACAGTTC	6711
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GAGGCATGTTAGCAGGCAATGTATATGAGAAGCTTAC-----CCTGCCACTGTGCTATAGATAAGCAGAGGACTTC	28242

Majority	AATTTACAGAGTAGTACGAGAATAATGAGCTTTAGCTTTGTGTCTGATGTTACTTTGTGAATTCCTGTTGTATATAAGCA	
	32090 32100 32110 32120 32130 32140 32150 32160	
Human	AATTTATGGAGAAGTCTGGAGAAAAGAGAGCTGTCTAGGGGTTTAGGAATAGAGCAGGGGGCAGAATTTAGTATGGTCA	32049
Kakapo	AATTTCCAAAGTAACAGGAAAAGAATGAGCTTTAGCTCTGGGTCTGATGTTACTTTGGGAATTCCTTGTATAGAAGCA	6807
GoldenEagle	AGTTTACAAAATAATAACAAGAAGAATGAGCTTTGCTCTGTGTCTGATGTTACTTTGTGAACCTCTGTTGTATATAAGCA	6962
JapaneseQuail	AATTTAGATAGCAGTATGAAAATACTGAGATTTAACTTCGTGTCAAATGTTCTGTGTAACCTCCACTATATATAAACA	6791
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AATTTACCAGGGCTGGAAACTTGTAGTAGTGCTAAATCTATATACATTTTTTAAAGATGAAGTTTATAGTTATATGCACAAT	28322

Majority	GTTTGTGTAAA--GTGTTTTG--AAAAGAACAGAGTTAAAGGTTCCAGTTATGATACTAT-ATTACGTGTTTCAGACAT	
	32170 32180 32190 32200 32210 32220 32230 32240	
Human	TTTCACTTCATTCACAGTTTTGG-ATAATGACTTGGTTACATGTGTGCAGGTTGAGGCTTT-GCCAGGTCTGTCAGAAAT	32127
Kakapo	GGTTGTACAAA--GTGGTTTTG--AATAGAACAGAGCTAAAGATTCCAGTTACGATAATAT-ATTACATAGTTCAGTCTG	6882
GoldenEagle	GTTTGTGTGA---GTATTTTTG--AATAGAACAGAGCTAAGGATTCCAGTAATGATAATAT-ATTACATAGTTCATAGAT	7036
JapaneseQuail	GTTTGTGTAAA--GTGTTTTGAGTAAAACAACAGATTTAAAGGCTTCCAGTAATGACAGTA--ATACCGTG--TCGATTGG	6865
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATTGGTAAATA--TACACATTTAATTAATGGACTGATTTACATGAAGTGGTTGTGTGACCATGACTAAGTGTCCCTAACAT	28400

Majority	TTTCTCTTCAGTTTTTAATT-----TCTTGATGTAAT-C-GTACATCTAAAATTTGTAG-TTTGTACATTCATAATTTT	
	32250 32260 32270 32280 32290 32300 32310 32320	
Human	TGCTGCTCTGGGGCTAAATGGTGATTCATAGGTTGCACGGTACTCTGAAACATTGGAGTTCTGAGAAGTCAGAATGCA	32207
Kakapo	TTTGAAATGACCTGCTAGTT-----ACCTACTAA-----TCTCAAACCTTCT-----CAT-----	6926
GoldenEagle	TTTTTTTTTAATTTTCAGTT-----TCTTGAAGAAATGCTATACATTTTAAATTTATAGATTTCTTCATGCATAGTTTT	7110
JapaneseQuail	TACCTCTTCAGTTTTTCATT-----TCTTGAAGGAAT-CTGTACATCTGAAGTTTATAGATTTCTATGTGTACGCTTTT	6938
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATTTCCCCAAATCTGGCAAC-----CCGAAATGTCAA---GTGACTCTAAAAGTGT---TTGTACATTTAAAAGGT	28467

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Majority      GACAATTGTCATGTTGTATAAAATGTTT----T----TTT--AAAGTGTGCGTCTTGGTTGCTTTGTTTTATTATATGT
              32330      32340      32350      32360      32370      32380      32390      32400
Human         GACATATTGCAGGGTACTTCAAACACTCCATTTAGACTACAGAAAGCCTGGACCTGAATAGAAAGGATCACACCCTATAG 32287
Kakapo        -----
GoldenEagle   AAAAATTGCCATATTGTATAAAATGTTTGTCTTTATGTTTTAAAAAGGTGCATCTTTGTTGCTCTGTTTTATTACATGA 7190
JapaneseQuail GACAATTGTCATGTTGTATAAAATGTTT-----TTCCAAGTGTATGTTTTAGTTGCTCTGTTTTATTACGTGT 7008
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GACTGTAGTGACTCCATA-ATGAAGTCTGCAATGAGATTT--GAAATGGTAGGGGAGATTAATCAATTTTCTTATATGT 28544
    
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Majority      G--CCTTAGTCACTAAATCTTGAATTGCGTGCTAGTATCCCTTCTGTG----AGTTAAGGTTGCAT--GTTAA--TTG-C
              32410      32420      32430      32440      32450      32460      32470      32480
Human         GAAGTGCCATCTATAAGACTGAGATAAAAACCAGAAACCTAGCCCGATAGGAAGTGAAGGATTCACCAGTTAATCTAACC 32367
Kakapo        A--TCT-AATAACTGTAGCTTGAATTGCTGGCTTGTGTTCCCTTTTG-----C----- 7002
GoldenEagle   GGTCCTTAGTCACTAAATATGAAATAGCCTGCTAGTTAGCTTCTAGTCTCAAACCTCTCATTGCTC--ATTGGCTATGTA 7268
JapaneseQuail GGTCATAGTTA-TATAGTTTCAGGGACGAGTTAGCATCTCATCTCTGT---AGTCAGTGAGGAAT--GTCAATTTTGGC 7082
MediumGroundFinch ----- 0
GoodesThornscrubTortoise G-----CGGCATTTCACTACTGAGCTTGGTGTCAACACCCTTCCTAG---ACTTAAGATTGAAT--TTCA--GGAAA 28611
    
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Majority      GTTTGAGTATCTGGGTTTAATAGC--TGTAGTT----TGAATTGCTGTCTTATGTTCTCTTTACAGTTATGATGCTTTA
              32490      32500      32510      32520      32530      32540      32550      32560
Human         AGTAACTGATGAAGGATTAATCAGTAATTTAGTTGCCTTCCAAAACAAAACAACACCCCAAGAAAGACATGATATAGTT 32447
Kakapo        -----AGCTA-----TGATGTTCTCTTTACAGTTATGATACTTTA 7037
GoldenEagle   GTTTGAGTATCAGAATCTAATAAC--TGTAGTT----TGAATTGCTGTCTTGTGTTCTCTTTACAGTTATGATGCTTTA 7342
JapaneseQuail GCTTTGA-CATCTGGGTCTGACAGC--TGTAGTT----AGAGTTGCTGTCTTGTGTTCTCCTTATAGTTAGGAGGCTTTA 7155
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GTTGAAAGTAAATCTGTTCACTAGC--TCAAGTT----ACAATCAAAGTTATTTTCTTTTTGAAATT-TAAACTTAAA 28684
    
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Majority      ATCTGGC-----TAAGTAAACTGATTTGGCACTTGAGGTGATAGAGGCTTTTTCGACTGTTGAAGTGAACGTATG
              32570      32580      32590      32600      32610      32620      32630      32640
Human         TTCTGCAACTATCTTCCATAATATCTAGTATAACCATCAAAAATTACAAGTGTGTCAGAAGCAGGAAAGTAACCCATG 32527
Kakapo        ATCTCGA-----TAAGTAAACTGATTTGGCACTTGAAGTGATAGAGCCTTTTCAACTGTTAAAGTGAACGTATG 7107
GoldenEagle   ATCTGGA-----TAAGTAAACTGATTTGACACTTGAGGTGATAAAGCCTTTTTCGATTGTTGAAGTGAATGTATG 7412
JapaneseQuail ATCTGGC-----TAAGTAAAC----TTGGTACTTGAGTGGTGGAGGCTTTTGA-----AATGTAGG 7209
MediumGroundFinch ----- 0
GoodesThornscrubTortoise CTCTCAG-----CTCCTTTTCCCTTTCCCTAAGTCAGTGGTCCCAGTCTTTTCTCTGCCATGCCACACCTTGA 28754
    
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Majority	AAGTATATAATGTATCTTTTCTCTGG--AGTAGTAAAAGAATCTTTAG--AGAGGTAT-AAAATGTGATGTAAAGAATG	
	32650 32660 32670 32680 32690 32700 32710 32720	
Human	AAATATAAAGAACACATTTAATAGGAACAGATTCCAAAATGACCTAGAGTTAGAATTAGCAGACAAGGACGATAAGTATT	32607
Kakapo	AAGTATATAATGTAGCTTTTCTCTGG--AGTAATAAAAGAATCTTTGG--AGGGGTAT-AAAATGTGATGTAAAGAAGG	7182
GoldenEagle	AAGTATATAATGTATCTTTTCTCTGG--AGTAGTAAAAGAATCCGTAG--AGGGATAT-AAAATGTGATGTAAAGAATA	7487
JapaneseQuail	AAGTATATAATCTGTCTTTTCTCAGG--AGTAATGACAAAATCTTTAG--AGACACAG-AAGCTGTGATGGAAAGAATG	7284
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CTCCACGGGCTCATCCTCATTCTGGCTGTGAGTGGATAGGGGACGGGC--AGAGGTG--ACGACCTGTGCTCACACAG	28830
Majority	TAGATCACAGAGGTGCAAGGAATAACTTTGGTGTGATTTTGGTGCCTGTTGAAGGTGATAGTTCTCTTTTACTGTATT-C	
	32730 32740 32750 32760 32770 32780 32790 32800	
Human	TAAAGCTGTAAAGGAAAAGATTGAAATAATGAGTGATGGAGGAGTGTGTTGAAGA-GATAAAAACTATAAAGAAAGCA-	32685
Kakapo	TAGATCACACAGATGCA-GGAATAACTTTGGTGAATTTTGGTGCCTATTGAAGGTGATATTTCTCTTCTACTGTATTGC	7261
GoldenEagle	TACACTACACAGGTGCATGGAATAACTTAGGTGAACTTTTGGTGCCTATTGAAGATTATAGTTCTCCTTTACTGTATTTT	7567
JapaneseQuail	TACCTCACAGAGATGCAGGGAATAACTATATGGTGA----GCTGCTAGTTGGTATTGATAGTTCTCTT----TGTA----	7352
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CAGGGGAGGGGGGAAAAGAGGGAAGTTGAGCTCTAATTGCTCTCCTCCTGGAGGAGGTGGTGCAGTGAGGCAGCTTCCC	28910
Majority	--AGTGTGTGCCACTTCAGTCTAATATATCGTCTTTCTCCTGGTTGGCATGGATAGCTGTGCTGGAAATGGGGGCTGA--	
	32810 32820 32830 32840 32850 32860 32870 32880	
Human	--TGTAGAAATATTCTAATTGAAAAATACAGTTTTTGAATAGTTGGGACTGATTCACTGGTTGGAAGTACTAGCAGATT	32763
Kakapo	--AGTGGGTGCCACTTCAGTCGGATGTATCATCTTTCTCCTGCATGGCCTGCATAGTTGTGCTGGAAACGGGGACTGA--	7337
GoldenEagle	--AGTGTGTGCCACTTCAGTCTAATCTATTATCTTTCTCCTGGATGGCAGATGTAGCTGTGAGTAAATGGGGCCCGA--	7643
JapaneseQuail	--AGCGTGCACCCTTCAGCTAACATATCCTCTTTCTCCTCATTTGGCATGGGTAGCTGTGAGTGAATGTGGCCTGA--	7428
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	TTTTCCCTCCCCCTTATTCTCACTTCAGTTTTTCAAAAAGTTCCACAGCACAGCTGT-TTGGACATGATGGCACA--	28987
Majority	----ACAATTGAGTGACTCATTTTG-ATATGTGCATTGCGCATTTTCATG-----TGCAATGGGTCAGG----TGTACTTC	
	32890 32900 32910 32920 32930 32940 32950 32960	
Human	GGAGACAATAGAAGAAATGTTAGTGAACCTGAATACTGTTGAATACAGTG---ATTAAATCTGTGAGAGAGGAGAAAGTA	32840
Kakapo	----ACAATTGAGTGACTCATTTAGTGTATGTGCATTGCGCATTTTCATG-----TGCAATGGGTCAGG----TGTACTTT	7404
GoldenEagle	----ACAATTGACTGACTCATTTTGTATACATGCATTGCACATCT-----TGGAATGGGTCAGG----TGTACTTC	7706
JapaneseQuail	----GCAATTGAGTGACTCATTTGG-GGATGAGCATTGCACGTTTCAGGCTGTCTGCAGTCACTCTGGCT-ATGACACTC	7502
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	---CCAGTTGGGAAACATTGCTCT-AAATATGATAAGTGTCTTGGATGTGACACTTAAACTTCAGGTCCATATATCTC	29062

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Majority      TATCTGATG-----A-----TGGAGCGAAGAAGCAGTCGTTCCCTTCATGGGTGTTTT-----
                32970      32980      32990      33000      33010      33020      33030      33040
Human         TATCTAATGGACAATGAAGCAGTCTGACA-----TGTAAGTTGAATTTTCAGAGTGAGAATGTGGGGGAATAAAACATCTA 32915
Kakapo        TGCCTGCTG-----GGAGAAAAGAAGCAGTCATTCCCTTCATGAATGTGTG----- 7449
GoldenEagle   TACCTGACG-----GGAGAAAAGCAGCAGTCATTCCCTTCATGGGTGCATT----- 7751
JapaneseQuail TAACTGATGAGCAGAAAAAGGTGGGGGGGGCGGGTGGAGCGGAGGGGAAGTTTTTCTTTCTTTGTTCTTTTTTCTAATAC 7582
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTTAGATAT---AAACTAAT-----TATGACGAGATCCCCGAGGTGCACCCAGGGACCGTGGGACTGCTGT 29126
    
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Majority      --T-ATTTGGTACATAGCATTGGGAATTTGTAACTT-GTCTACACTGCTTTGGGCTACA-----GCTGGCCAAGATC
                33050      33060      33070      33080      33090      33100      33110      33120
Human         TCTGTTTGAGATAGTAATGACTGAGAACTTCTAAAATTTGAATAAAATATATCAACTTACATTCCTAAGAAGCTCAGGTA 32995
Kakapo        ----ATTTGGTATATAGCAGTCGGGAATTCGCAACGTT-GTCAACACTGCTTTGGGCTGT-----GCTGGCCAAAAAC 7517
GoldenEagle   ----ATTTGGTACATAGCATTGGGAATTTGTGACGTT-GTTGACAGTGCTTTGGGCTAC-----ACTGGCCAAAACC 7819
JapaneseQuail ATTTACTTTGGTACATAGCATTGGGAATTTGTAACTT-GTAGA-ACTGCTTTGGGCTACA-----CGCTGGCCAAGAGT 7655
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTGCCATAACTCTTTCCAGTCTGGGCTGTCTCTCAAT-GCCTTGCTAGTGACAAGCAGCA----AGCACCTCCAGGTG 29200
    
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Majority      TGATCTTCAGCT-GC-CAAGTGTGGACAGCCCTAGTTA--TACCTAGGAGGGAAAAC-TCATATACTC---CTGTAAAC
                33130      33140      33150      33160      33170      33180      33190      33200
Human         AACTCCTCATGTAGGCTAAATAAAAAGAACCATACTTAGACACATAGTAGTCAAATATTGAAAAGTAAAGTGAAGAGC 33075
Kakapo        TGAACGTCAGCTTGC-CAAGTGTGGACAGCCCCAGCTG--TACCTAGGAGGGAAAACCTCATATATTC---CTGTAAAC 7590
GoldenEagle   TGAGCTTCAGCT-GC-CAAGTGTGGACAGCCCCAGTTA--TACCTAGGAGGGAAAAC-TCATGTACTC---CTGTAAAC 7890
JapaneseQuail GGAGCTTCAGCT-GC-CAAATGTGAACAGCCCCAGTTA--TGTATAGGGGAAGAACTTCATATGCTA---TTGTAAAT 7727
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGTGATCACTCAGCACAACTGCATGTAGAGCTCCCG--AGCCAGCTAGGTTGCA--TGAATGTTTC---CCTGAGCC 29272
    
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Majority      ATAGTTTTGTAATTTTGAAAGA---GGG-AATAGCCTTTTTCCCCCAAGAGTCAGGGCATCAGTCATTGCAGTATGCTTA
                33210      33220      33230      33240      33250      33260      33270      33280
Human         AAATCTAAACAGCTGCGAAAAAACGCTAACAGGAGACCAACACCTCGTATTAAAGGGGAAAAAAGCGAATTTCTTT 33155
Kakapo        ATAGTTTTGTAATGTCTAAAGATGTGGG-AATGGCCTTTTTCCCCCAAAGGCAGGGCATCAGCCTTTGCATGCT--TAA 7667
GoldenEagle   ATAGTTTTGTAATGTTTAAAGATGTGGG-AATGGCCTTTT-CCCCAAAAGTCAGGGCATCAGCCATTGCAGTATGCTTA 7968
JapaneseQuail GCAGGTTTTGTGATCTGGGAGA-----AGGATCTTTTTTCCCCAAGAATCAGAGCATC--TCTTTTTAGTATGCCTA 7798
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACTCATGAATCACACAGAGAAA---GGC-ACCAGCCGAATCCCCCAGCTCCAGCAC-TGACTCAGGGATATATCATCT 29347
    
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Majority      AGGAAGGATGGAATTGTTAGTGTGTA-TTAGTTGGTTATGTTAGGATTGGGTAG----AAGATGTTAAGAAGTATT----
                33290      33300      33310      33320      33330      33340      33350      33360
Human         AGACTGAATGGCATAACTTGGCTCTA--CAGGGGATAAGAGGAGTACTGGGAATGGTTAATATGTGTATAAATTTTAAAA 33233
Kakapo        AGAGAAGACGCAATTCTTGGTGTGTGTAGTTGGTTACGTTATGGTTGGGTAG----AAGATGCCAAGAAGTGCT---- 7739
GoldenEagle   AGGAAAGAGGGAATTTCTAGTGTGTATTTAGTTGGTTATGTTAGGATTGGGTAG----AAGATGCTAAGAAGCACT---- 8040
JapaneseQuail GGGAAAGGAGGAAATTTGTTAGTGGTT--TTAGTTGGTAATGTTAGGTTGGGCAG----GCGGTGTTAGAACATAGC---- 7868
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GCATTGCTCAAGTTGAGCGGTACAAATTTATTAATTGGTTTACCAGTGGAAAG----TGGATATACACCAGCCTTTGCA 29423
    
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Majority      -GTCCTAGTAC-TTTCTGTTAGTTTTCCAAAAAGTTATGTGTACAAAAGTCCCTCTTTTTTCATGGTTGCTGAAAT-TTAA
                33370      33380      33390      33400      33410      33420      33430      33440
Human         GGGCTCTCTCTTTTCCTATCAGTTTCTTTGAAAGCCTTTATGTAAACAACAACCTTTGTATTATGGGGTTTATTATGTAAA 33313
Kakapo        -CTCCTGGTAC-TTTCTGGTAGGTTTCCAAACAGTAATGTGTCCCAAAGTCCCCCTTTTTCAAGGTTGCTGAAAT-TTAA 7816
GoldenEagle   -GTCCTAGTAC-TTTCTAATAGTTTTCCAAACAGTAATGTGTACAAAAGTCCCCCTTTTTCTCGTTGCTGAAAT-TTAA 8117
JapaneseQuail -ATATGAGTAC-TTTCTGTTGGCTTTCCAAACAAGTT---CATCACAAAGGCCCTCTTTTTCTCGTTACTGAAAT-TTAA 7942
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACCTGAGCACATTTGCCACACACTTCAGGCAGATTCACTGGTAAAGATAAACAGTAAAATAAGTTTGACTACAA-AAGA 29502
    
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Majority      CAGATGTTAATATAATAGTATTGAGGAAGGGCT-----GAAACTAAAAGAAATATGAGGTGATAGAGTACA-TAAGAGT
                33450      33460      33470      33480      33490      33500      33510      33520
Human         TGGATGTTTATATGACAACAGTTAGTACAAAGTG-----AAGATAAATGGAATCTTCAGTGGTAAGGTTCTTATATTTT 33388
Kakapo        CACAGGGGAATATAATAGTATTGGGGAAGGG-----GAACCCATGAGAGACACGAGGTGATAGAG-----AAGAGG 7882
GoldenEagle   CATGGGGGAATATAGTAGTATGGGGGAAGGGCAGTAGCTAAAAGCAAAGAGATAGGAGCTGATGGAGAACAGGAAGAGA 8197
JapaneseQuail CAC-----TGTA--GAGGAAGGGCA-----GTCGCTAAAACCAGCACAAAGTTGAAGGAGAGAAATAAGAGA 8001
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AGATTTTTAAGTGATAGGCCAAAAGTCAGAGTTAGTTACCAAATAAAATAAATATAAGCAAGCAGGTTAAACTCTCAAT 29582
    
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Majority      GCCTGAAGTAG--CAGTGTT--TGTA-AATAC-A-----A-A-----A-T-TC--TGTAAGCACTT
                33530      33540      33550      33560      33570      33580      33590      33600
Human         ACCTGAAGTGATACAGTGTAACTCTAACATAAAAAGATTCTGTTAAGGTTGCATATCAAAATCTAAGTGTAATCTCAT 33468
Kakapo        GCATGAAGTAG--AGGGT-----TGC----- 7902
GoldenEagle   GCACAAAGTAG--CAGTGTC--TGGAGAAAAGGAAGAG-----AGCACAAAATAGCAGTGTC--TGTAAGTACTC 8261
JapaneseQuail GCCCTGAGTAG--CAGTGTT--TGTA-AGTAC-----TC--CCTGAGCAATA 8041
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTTAGATTGGG-CAACATC---TAGATTAAGCAATTTTCTCACCCCTACTGGATATTGCAATTCGT--TGACACAGAT 29656
    
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Majority      TTCA-GTT-TATCCAGTTCCTTTT-TTCTTTTTTTTTTAGACTCAAGTCTGAGGGTTAATCTCTTTTCTTCCAAAATTATT
              33610   33620   33630   33640   33650   33660   33670   33680
Human         TTAAAAAGATAAAAAGAAGTATAACGAAAAGCCAATAGAGGAAAAATTGGAGCATTGACTACCAGTTTTCAAGAATTACT 33548
Kakapo        -TA-----CT-TCATTTAACTCGAGTCTGAGGAGTAATCTCTTTTCTTACAAAATTATA 7955
GoldenEagle   TTGAAGCGTTGTCCACTTCTTTT-TTTTTTTTTTTTGCCTGAAGTCTGAGGGTTAATCTCTCTCTTACAAAGTTACA 8340
JapaneseQuail CTCA-GTTCCTTTTTTTTCTTTT-TTCTTTTTTTTTTAAACTCAAATCTGAGATCT--TCTTTTCTCTTCGGAGATTATT 8117
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TCACGTTGAAACCGGGGTCAGT-CTCCTCTGTGGAGTCTTAAGTCTTCTCAGTGT-CCTTGTGTGCTTGCAGCATAGGT 29734
    
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Majority      G-AACGCTGGCCCTTTTTTGCTTCTAATAACTGAGAGTTTC-GTTATGGTGGTAATACATATTGTGGATATATTGCGACT
              33690   33700   33710   33720   33730   33740   33750   33760
Human         GCAAAGCTACGGTAATTAATAATAGCATCATAATAACATAAAGATAAATAGGTCAGTGAGACAGAGCAGAGAGTTTCAGAA 33628
Kakapo        G-AGCCCTGGCCCTTTTTTGCTTCTAATAACTGAGAGTTTC-CTCATGGTGGGCATA-----GATACATTGCGACT 8024
GoldenEagle   G-AACACTGACCCTTTTTTGCTACTAATAACTGAGAGTTTC-CTTGTGGTGGAAACACATATTGTGGATATATTGTGACT 8418
JapaneseQuail A-AAGACTGACCAGTTTTTACTCTCAATAATGGAGAGCTTC-GTTATGGTGGAAACAAATATTTTGGTCATATTGGGTCT 8195
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GGAGCAGGGGAAGCCAAGCATGTGGCCACTGTCTTCTGT-TTTATACCCTTAATCCATGTGCT-TGTAAACACAAGT 29811
    
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Majority      TTTTATTTGAGCTGTACAGTGTA-----GG---A---CA---CTCCTGGGAAG-TGTCAAC---AGA
              33770   33780   33790   33800   33810   33820   33830   33840
Human         GTTAACTCACACAATTATGGATAACTGATTTTTGACAAAGGTGCAAAGTCAATTCAGTGGAGAAAAGTAGACTTCCAAC 33708
Kakapo        TCTTATTTGAACTGTACAGTGTA-----ATTCTAGCAAGCTGTCAGC---AGA 8069
GoldenEagle   TTTTATTTGAGCTGTACACTGTATAATGAAAATATGTGTGAAAAAAGTCAGAAATCCTAGGAAGTTGTCAAA---AGA 8494
JapaneseQuail TTTTATTTAAGCTGT-----T-----T----- 8212
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CAGGCATGTCTCATGGACATTGCTGAGTCTCCAGGCAAGGCTGAG---CAATTCCCCTGGTGTGGCCTCATG---CAG 29884
    
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Majority      GAAGTTTACTCTAAACTTTAGAAATGGGAGAATAGATGTAATAAGTTTTTTCTTTTCAGTTTCTTCTTCTT-TTTCTGTT
              33850   33860   33870   33880   33890   33900   33910   33920
Human         AAAGGGTGTCTACAGCAGTTGGAGCTATCCGTATGCAAAAAAATGATCTTGGATCTGTATCTCACACTGCATATGAAAATT 33788
Kakapo        GAAGTTGAGACTAAACTTTAGAAATGAGAAAATACATGTAATAAGCTTCTTCTTTCAGTTTCTTCTTCTT-TTTCTGAA 8148
GoldenEagle   TAAGTTTACTACTAAACTTAAGAAATGAGAAAATGATTTTAAATAGCTTTTTCTTTCAGTTTCTTCTTCTT-TTTCTGAA 8573
JapaneseQuail --A--TAA---TACTTTAAAAAAGGAAGCATAGGAATA--A-----T----- 8247
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGAGTCATTGCATTCCCTTGCTGGACAGTGGCCGGTATGTCTGTTCACAGCACCCACCTTGC-TGTTAGTT 29963
    
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Majority	ACCTCTTT-GCCTTCA----CTGTTGTAATTCCAAATACTTAAAAAAA---A--GA-TGGTAGGATAAAACTCCTT----	
	33930 33940 33950 33960 33970 33980 33990 34000	
Human	AACTCCAAATGGATCATGGCCTAATGTAAAACCAAAATATATAAAATCTCTAGAAAAAATACAGAAAATCTTCGTGACT	33868
Kakapo	ACCTGTTT-ACCTTCA----CTGTTGTAATTCTAGATACTTAAAAAACTCATGGAGTGGTAGGATAAAAAACCTG---G	8220
GoldenEagle	ATCTCTTTTGCCTTCA----CTGTCATCATTCTAGATACTTAAATAAA---AGGGAGTGGTAGGATAAAAAAGT-----	8641
JapaneseQuail	--CTGTTA-----GAAATTCCAATAAATTACCAAAA-----GGTAAGTTTAGCCTCCCT----	8294
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ACCTCCCTTGTC AAT----CTGGGTGCCTCCCAAACCCTCAGCATATTTTAA--G--TGAAAACCATGCACCATTT---T	30031

Majority	TTGAATTATTCATACAGACAAATGCCATG----TGAAGGCTGTGTTTATTGTATTTAAACTATTAGAATGATACTTTTGA	
	34010 34020 34030 34040 34050 34060 34070 34080	
Human	TTGGATTAAGCAGGAATGTATTTGATATGACCCTAAAAGCACAATCTATTAATAAAATGGAATTTGACATCAGAATTAATA	33948
Kakapo	TTGACTCATTCATACAGACAAATGCCATT---TGAAAGCCTGTGTTTATTGTGTTCAAACCTATTAGAATGATACATTTGA	8296
GoldenEagle	TTGAATCATTCATACAGACAAATGGTATG---TGATGGTCTGTGTTTACTGTATTTAAATATTTAGAATGATAGTTTGA	8717
JapaneseQuail	TTAGGCTAAACTTACAGACAAATGCCATC---TGATGATTTGTGTTTATTTTGGTAAACTA-----	8352
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATAATTTCAAATGCATTGACGATACACA---TACACCTCTACCCCGATATAAGGCGGGTTTGCATACAAGGCAGTAAA	30107

Majority	GCTATCTT-----TGCTTGCTGATATA--ATTACTAGTAGATTGCTAGTAG---ATTA-GACAAAGCCTC-AG	
	34090 34100 34110 34120 34130 34140 34150 34160	
Human	TCTTCTGCCATTCAAAGAAACTGCTAGGGAATGAAAAGACAAGCCATAAACTGGAAGAACATCATAACAAAGCATATAG	34028
Kakapo	GCTATCTT-----TGCATGTCTGATATA--ATTACTAGTAAATTCCTAGTAG---ATTA-GACAAAAGTC-AG	8358
GoldenEagle	GCTATCTT-----TGCATGTCTAATATA--ATTACTAGTAGATTGCTCATAG---ATTA-GACAAAGACT---G	8777
JapaneseQuail	-----GTGTTTCTCATACT--AGT--TGG--GCTGCTAGTAG---ATTA-GACAAAGTTTC-TG	8400
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CTCTGAC-----ACACTGCTCTGACACACTGCTCTGAGCAGCGTGTAAAGGGT--GCTG-GACCAGGCCCG-GG	30173

Majority	CT----AAGGGCATCGATATGAG--AAAAATGTTTGGATTGTGAATTGGATGAAGTGTG-TAGTTTTG-----TGTTA	
	34170 34180 34190 34200 34210 34220 34230 34240	
Human	CTGATAAAGGACTTCTATCCAGAATATTTAAAGATTTCAGTATATGTAAAATCAGCAGTC-AAGCAACAACTACTCAATG	34107
Kakapo	CT----AAGGGCAGTATGATGAG--AAAAATGGGTTGATTGTGAATTAGATGAAGTGTGTTTGTGTTT-----TGTTA	8425
GoldenEagle	CT----AAGGGCAGCAATATGAG--AAAAATGACTTGATGGTGAATTGGAAGAACTATTTTAAATTTTA-----TGTTA	8844
JapaneseQuail	CT----AAGCCATTGGTACGA-----AAGCTGTTTGCCTGTGAATTGGAGGAAGTGT-----GTTA	8453
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ET----GAGGGTTCGATAAGGGGCAGAAGGTCCTGGGGGGTGGTCAGGGGCTACCCCGGGTCTGGGGCGGGCAGGA	30249

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Majority      GCTGGGATAATGTT-TTAAATCGACTTTTGTGTTCATAATAATTTAGTTGTAGCAACTGTAGACAGTAAAAAATTGCAG
              34250   34260   34270   34280   34290   34300   34310   34320
Human         AATTGGCCAAAATATTTGAACAGGTAGTACAGCACAA-AAGATACACAGATGGTAAGTA-AGCACGTGAAAAGCTGGTC 34185
Kakapo        GCCAGGATAACGTTCTTAAATCAAATTTGGTGTTCGGTAATACTTAGTTGTAGCAAGAATAGACAGCAAAAAATGTGCAG 8505
GoldenEagle   GCTAGGAGAATGTT-TTATATCAACTTTTGTGTTCATAATACTTAGTTGTAGCAACAGTAGACAGCAAAAAATGCGCAG 8923
JapaneseQuail GCTGGGATGATGTT-TACAGTTGAACTTTATATCAACAATAATTTTGTTCAGCAGCTCTTGTAAAGTAGAAA-TTTCAG 8531
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GCTGTGGGAGGGCAGCTTTTGGGGGCCCGCAGTGCCAGAGTGGCCTGGGGGATTAGCGGGGGCTGGGAGCAGCTCGCTC 30329
    
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Majority      AACATTC-TAGCAGTGA----AGTGGGAAT--GAATTGTGATTAT---GTTTAGAAGTTTAGAACTGGCGTCTGGATTT
              34330   34340   34350   34360   34370   34380   34390   34400
Human         AGCATCATTAGTTATTAGGGAAATGAAAATTTAAACTACAGTGAGATAATATTACAAACCTATTAATAGTACTAAAATT 34265
Kakapo        GACATTC-TAGCAGTGA----AGTGGGAAT--GAAGCGTGACCAC---GTTCAGAAGTTCAGAACTGGCATCTGGATTT 8574
GoldenEagle   AACATTC-TAACAGTGA----AGTAAGAAT--GAATTGTGACTAT---CTTCAGAAGTTTAGAACCACCGCTGGATTT 8992
JapaneseQuail AACGTTT-TAACAGTGA----AGTGGGAGT--GATTTGTGATTGTA---GTTTGTAAAGTCTGGAAGTGGCATCTGGATTT 8601
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GCTTCCCTCGCCCCAGCCCCAGCTGTGTT--GCTTGAGGGAGGGG---ACTTGGGGAAAGGATCCCCCCCCACTC 30404
    
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Majority      -----GTCTCTTCAGCGGTAGTGTG-----GT-----G-----CA-----C--C-----
              34410   34420   34430   34440   34450   34460   34470   34480
Human         AAAAAGAGTGCCATCTTGGAAGCATGAGTTGGGAAGAATGTGGAAGAATGTTAATATTACAATACTGCTGATGGGAAT 34345
Kakapo        -----GTCTTTTCAGCAGTGG----- 8590
GoldenEagle   -----CTCTCTCCAGTGGTGGTGTGTGTGGTTTAACCCAGCCAGCAACTAAGCACCACACAGCTGCTCACTTACTC 9065
JapaneseQuail -----GTTTCTTCAGCAGGAGTGTG-----T----- 8622
MediumGroundFinch ----- 0
GoodesThornscrubTortoise -----AGCGCAGCTGCGGAAGCGGA--GCAGCCCTGCCGAGCCCGCTCCACTCTGCCAGCTCTCCACCGCAGCACTC 30475
    
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Majority      -----G-A-----C-----C--TT--C-----
              34490   34500   34510   34520   34530   34540   34550   34560
Human         GTAAATCGTAGTACTTTGGAAAACAATCTGGTAGTTTCTCCATGATCCAGGTTATTTGTCTCCTAAGCATTTACCCAAG 34425
Kakapo        ----- 8590
GoldenEagle   CCCTCACCAGTGGGATGGGAGCAAGAATCAGAAGGAAAAAGGTAACCTGTGGGTTGAGATAAGAACAGTTTAATAGA 9145
JapaneseQuail -----A----- 8623
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GCTTCCGTCGCTGGTGAGTATAGAGGGGCGTCTTTCTCCAACCTCTCCACTCACCAGCCCGCTCCGCTTTCTCTTGC 30555
    
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Majority      --A-----AATATGTAAGTGGCAAAAGTTA-----TC-----A--TGAAATACCTAAAGTG-GA-
              34570   34580   34590   34600   34610   34620   34630   34640
Human         AGAAAAGAAGGCATCTATTTCATTAATAAACTCTCATGTTAATGTTTCATAGCCATTTTATTTGTAATCACCAAATGTGAA 34505
Kakapo        -----AACATGTCCTTGGTGACAAAATC-----CC-----CCAACTTCTTACAGTGAAAC 8636
GoldenEagle   ACAGAAAGGAAGAACTAATAATAATAACATGACAACAATAATTAAGGATTGGAATATACAAAACAAGTGACGCACAAT 9225
JapaneseQuail --A-----AGCATGTCCTCAATGGCAAAAGCAA----- 8649
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseCTGGTCCCAGCCGTGTG--GCTGGGGAGCGGCTGGGGAAAGTCTGCCTGGTGGGAAGTGGATCACCACAGCTGGGGAG 30633
    
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Majority      ATAATTGCTCACCCT-GCTG---T-----AATTTCTGTGC-GCCATCCTGTGCAGG-CGATTC-G--C---ATAT
              34650   34660   34670   34680   34690   34700   34710   34720
Human         ACAAACATTTCATCAACAGATGAACATA-ATAAGTAGATTCTGTTTGGCATCATATGCTTTCCATACAGTGGAAATACAA 34584
Kakapo        ATATCTGCTCTCTTTTAACA---G-----AATTTCTGTAAATTTACCCTGTTGAAAATTACTCTC--C---TAT 8698
GoldenEagle   GCAATTGCTCACCCTCACCACCGGATGTCAGTAGTTCGAGCGGCGATCCCCTCCAGGCCGACTCCCCCAGTATAT 9305
JapaneseQuail ----- 8649
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseTGGTGGAGTGGAACTGGCTGGGGTGGGCTGTTCGCTTCCCGCCACCGGTGAGTGCGGGGAGGTTGGGAGTGTGAGTT 30713
    
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Majority      -TG-----A-----A-----TA-CCCCT-GAACGGTTTG--AT-CAGTTCT--TCT-----TG-----
              34730   34740   34750   34760   34770   34780   34790   34800
Human         CAGCCATGTAGAATGAGCTATTGATAGACACAACAGCAAGAATGAATCTCCAACAATTATGTTATGTAAGATGGGAG 34664
Kakapo        TTA-----T--TCCCT-GAACAGTTTA--CTCCAATTCT--TTT-----T----- 8731
GoldenEagle   ATGCTGGGCATGACGTCGCATGGTATGGAATACCCCTTTGGCCAGTTTG--GGTCAGTTGT--CCTGGCTGTGTCCCTGC 9381
JapaneseQuail ----- 8649
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGGGAGGATACCCCCACACACTCACCTATGGCAGGAAGCGGAGCG--ATGCAGCCCCAGCCACTGCAGTCTGCCG 30791
    
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Majority      C---TAGTTGTGACCCTCTAGTTTCTTTTAA-TGAGA-TCTGGGGCTGGGCAATCTTTGTC-AG-CTATAAGCAGTC
              34810   34820   34830   34840   34850   34860   34870   34880
Human         AAAAAAGACTACATCCTGTATGATTCCATTTATATAAACTCTGGGAAATGCAAATAATCTAAAGCAAATTCATGGTT 34744
Kakapo        T---TCTTTGTCACCTTTTTTGTCTTCTTAAATGCTTATTCTGCCACTGTGTAATGTATGTGGAA-AAATAAGGAGAG 8806
GoldenEagle   CCAGCTTCTGTGCCCTCCAGCCTTCTGTGCTGGCTGGGCATGAGAAGCTGAAACAATCCTTGACTTG-GTATAAACTA 9460
JapaneseQuail -----CTGAAACAATAC 8661
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATCCCAGCTGTGGCGCTCCACTTCCCGATGCCAGTGTGAGTGCAGGGGGAGGCATTTCTTTCCCAACCTCCCCGACTC 30871
    
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Majority	CTTAGCAGT-ATTAAAGACATATGTGGGCTGTCAGGATGCTTTGTATA--G--GCAAGGATGGACCGGTGTAG-----	
	34890 34900 34910 34920 34930 34940 34950 34960	
Human	CTTAGGAGT--TTAAGAGTGGGAAAGGACAGGCAGGAGGGGTGGCAAAGGGACACAGGAAAACCTCGGGAGTGATGGACAT	34822
Kakapo	CAAAATGGAGAGGAAAGAAAATGTTGAGAATTAGTGTGCTCTGTA-----GCAAGCATGCATCAGTGTAG-----	8872
GoldenEagle	CTTAGCAGCAACTGAAAACATCAGTGTGTTATCAACATTTCTTCTCATACTGAATCCAGGACATAACACTATAACCAGCTAC	9540
JapaneseQuail	C-----ATGAAAGACACTTGC-----TGCTTTGAT-----GATAAAATGGACCCTGTTAG-----	8707
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CCAGCAGTGGGAAGTGGAGTACCAAGGCTGGGAGGTGGCGGAGTGGAGCGGGCTGGGGCTGGGCTGCTCTGCT---TCC	30948

Majority	-GGAAGGCTTGTTAAGTTTGTTCAG--G----G-----TTGTGTGTATGTCATGTTTTTTGTTGTCAGAA---A----	
	34970 34980 34990 35000 35010 35020 35030 35040	
Human	ATAAATTATTGTGATGGTGGTTTTATGGATGTATGCATATGTCAAAACCTGTCAAATTTTATAATTTAAATACATATACA	34902
Kakapo	-GGAAGGCTTAGTGTACCTGTTTGAT-----TTGTTTTGATGCTTTGCTACTAGTTG---GAA-----	8926
GoldenEagle	TAGAAAGAAAATTAACCTCTATCCCAGCCGAAACCAGGACATGGTATGGGGAACATGTCTTTCATTGTAAGAAGTTATTTT	9620
JapaneseQuail	-AGGTGGCTTTCAAATTTGTCTCAG--A----A-----AAGTGTATAATTCCTTCTTTTTGTTTTCGGAA-----	8766
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CGCCCTGCTGGTAAGTGCCTGTCAGGGGGCGGGGCGGGGTGGGGGTAGATAGGGATTGGAGCAGTCAGGGGCCAGAGG	31028

Majority	-----TCGGAGGACA---CTGTGTTTTCTTTTTGATAGCAGGGTGTTTGGATGGA-----GA-A-GA-GTTCCACTTA	
	35050 35060 35070 35080 35090 35100 35110 35120	
Human	CATCCTAGAATGGCCGAACCTCAGAACATTGATAACACCAAATGCTGGCAAGGATGTGGAGCAACAGGAACCTCTCACTTA	34982
Kakapo	-----ACAGAGCACT---TATGTTTGCTCTTAATTGAAGGGGTGTAGAAAGA-----GA-AATGTGATCACCTTC	8989
GoldenEagle	TTGTCACCAAGGACA---TCTGCTCTCTTTTTAACAGTAACTTCGGTAAATGACCCTGTTTGAATGACACTCATATTT	9697
JapaneseQuail	-----CTTATTTTTCTTACGGTGACAGGATGGTTGGGTACT-----ATGTC-----	8807
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GTGGGTAGGAGTTACGTCCTGGGGGTGATTGGGGATGGGGTCTCTGGAGGGGCGGTCAGGGAACAAGGAACCAAAAA	31108

Majority	ATGCTCAGAAAAGT-TGAT-TAATAC-----C----G-----AACTTTGAGATTTTTTTGCCTACTGCACAGCCTTTCAC	
	35130 35140 35150 35160 35170 35180 35190 35200	
Human	CTGCTCAGTGGAAATGCAGAGTGGTACAGCCACTTTGGAAGACAATTTGGCAATTTCTTAGAAAACCTATACGGCCGGGCAC	35062
Kakapo	ACCATCTGAAAAATAGGAGCCAATACC-----AGCATGAAAATACCTTTCCCATTTACAGACTCACAC	9053
GoldenEagle	ATCCCAGAACAGCCTACTTCAATTTCTTTTCTTTG----TAACCTTTGGGGTTTTCTTCTTAATGCTCATTCTTCCAC	9773
JapaneseQuail	-----A--A-----TT---	8811
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	GGCCAAAGCAAGTTTGATATAATGCGGTCTCACCTG---TAACACTGAGATTTTTTTGTCTCCCGAGAACCAGGTTAT	31184

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Majority	AGTGGTTTAGGTGTGAAATCAGATAGGGCTGAAA--TGGAGACAAAGTAATAACCTTGGAACTGA-ATTCACACTGTAG	
	35210 35220 35230 35240 35250 35260 35270 35280	
Human	AGTGGCTTACGCCTGTAATCCCAGCGCTTTGGGAAGCCAAGGCAGGCGGATCACCTGAGGTGAGAAAGTTCAAACCAGCC	35142
Kakapo	ACTGGTTTGGGTTGGAAAGGACCTTAAGCTCATC--CAGCTCCAACCCCTGCCACGGGCAGGGACATCTCACACTAGAG	9131
GoldenEagle	TGTAATATATGTGGAAAAACAAGGAGAGCTGAAAA-TGGAGAGAAAAGGAAAAATGTTGAAAATTAGTTTGTACTCTGTAG	9852
JapaneseQuail	-----TAAAAAAAAAAAAAGAAAGGCTGAAAG-TGGAGAGAAAATAAAAGTATTGAAGATTA-----ATGCTGTGA	8877
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATCAGGGTAGAGGTGTATTTAGATGTGATCTGCT--GAAAGACACTGTTCTAACCTTTCTCCTGATATCTCACATGGCAT	31262
Majority	CAGGTA-----A---TACAGAAGTCTTCTGATTCCTACTTG---GTTTTGAAGTCTGTGCGCAAATTGGAAATCCC--G	
	35290 35300 35310 35320 35330 35340 35350 35360	
Human	TGGCCAACATGGAGAAACCCGATCTCTACTAAAAATACAAAATTAGCTAGGCGTGGTGGTGCATGCCTGTAATCCC-AG	35221
Kakapo	CAGGT-----TGCTCCAGGCCCTGTGTCCAACCTTG---GCCTTAAACACTGCCAGGGATGGGGCAGCCACAG	9196
GoldenEagle	CAAGTATGCATCAATGTAAGGAAGGCTTAGTATTCCTATTTGATATGTTTTGATGCTGTCTACTAATTGGAAATCACGTA	9932
JapaneseQuail	ATGCT-----TACAGGAAATTTCTG-----TTG-----TCTGTTGCAAATTGGAAAGTC---A	8921
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CTTTATATGCAATATCACAGTTATATACAGATGAGGAATATGGGAGTTAACAGATGCACCCCAAAGTATAGCAA--G	31340
Majority	CTTCTCTTTTGTACAGAACCCTTAGATTTGTGTATTTCATTTGGGTGGAGTTTGTGATGAGC-AATGTGATCTTTATCTCC	
	35370 35380 35390 35400 35410 35420 35430 35440	
Human	CCACTCAGGAGGCTGAAGCAGGAGAATTACTTGAACCCAGGAGGTGGAGGTTGCAGTGAGCCAGGATCACGCCCATTTCA	35301
Kakapo	CTCCTCTGGGCACCCTGTGCCAGCGCCTCAGCACCCCTCACAGGGAAGAGCTTCTGCCTTA--GATCTAACCTGAACTTCC	9274
GoldenEagle	TTTTTCATTTGTAACAGAACACCTATATTTGCATCTTAATTGAGGGGTTGTAGGAGGAGC-AATGAGATCACTTGCACC	10011
JapaneseQuail	CTTTTCCTTTGTAAGAACCCTTAGACTCGTGTATTAATTGAGAGGACTTTGGGAAGAGA-AATGTGATCATTGCCCCA	9000
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CTCAGCTATTTTATCTAACTTTTAGATATTTGCATTGTTTGTAACTTGAATAAAT-GTTATGGTATTAATCATG	31419
Majority	GTCTGATCAGTT----TGAACATA-ATATCAACTTTAATAT-C-TTCCTTGTTTCTTAGAGCTT-TGGGCT----GTGT	
	35450 35460 35470 35480 35490 35500 35510 35520	
Human	CTCCAACCTGGGCAACAAGAGCGGAGACTCCATCTCAAATATACTTTTCATTGTATGATCCAGCAGTTGTGCTCCCTGGTAT	35381
Kakapo	CCTGGTTCAGTC----TGAACCC-ATCACCCCTTGAGTAT---TT-CTCATTTCTGAGAGCTT-TAGGCC----ATGT	9338
GoldenEagle	ATCTGAAAAATA----TGTACTG-ATACCAACATGAAAATACCTTTCTGTTTCTTAAAGCTT-TGGGCC----ATGT	10079
JapaneseQuail	GTCTGAAGAGCT----TG-ATGA-ATATCAACATTCATATGCCTTCCTAGTTTCTTTGAGCTC-TGAGAT----CTGT	9067
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CTCAGTTATTTTAGCAATGAACTA-ATATCAGCTGTTATAT---TTGCAAGAGAATTATAGTTGGTAAATT----GTAA	31490

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Majority	TTTCACAAGCAAATCAA--GCTGCATTCCAGTTTTCTCTGTCTCTGTGATACTTATGGCACAAATGCTTGGA--TAGCC-	
	35530 35540 35550 35560 35570 35580 35590 35600	
Human	TTGCCTAAAGGAGTTGAAAACCTAGTCTGCGCAGAAAGTAGCACATGGATGTTTATAGCACCTTTCTTTATAG--TTGCCA	35460
Kakapo	TTTCACAAGCAGATCAA--ACTGTGTTCCAGTTTTCTCTGTTCCTGTAATGCTTGAGCACCAAAATGTTTGGG--TAGCC-	9413
GoldenEagle	TTTCACAAGCAGATCAA--GCTGCATTCCAGTTTTCTCTGTCACTGTAATACTTGTGTAACAAATGCTTGGG--TAGCC-	10154
JapaneseQuail	TTTCACAGGCAAACGAA--GCTGCATTCCACTTTTCCCTGCCTCTGTGACACCTAAGGCACAAATGCTTGAA--TAACC-	9142
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	TCCTCAAGAGAAACAATAGGTGAAATTAAGTTTTTTTTTTTAAATAGATAGGTATTCTTCCAGGGCATAAACCTTGCCC	31570
Majority	--ACTTCACAG-----ACGTCTCTTGGGAACT---TAACCAGGTTAAAGCTGA-----GTTGACACAACAGTGAGTT	
	35610 35620 35630 35640 35650 35660 35670 35680	
Human	GAACCTCATAGCAACCAAGAAGTCCTTTAGGAGGTGAATGGCCAAATAAACTGTGGTGTATATTCAGACAGTATAATGTT	35540
Kakapo	--ACTTCACAA-----GCTTCTCTTGAGAACT---TAACCAGGATAAAGCTGA-----GCTGACACAACAGTGAGTT	9475
GoldenEagle	--ACTTCACAA-----ACCTCTCTTGGGAACT---TAACCAGGTTAAAGCTAA-----GTTGACACAACAGTGCATT	10216
JapaneseQuail	--ACTTCAAAC-----ACCTTCTCTTGAGAACT---TAACCAGGTTGAAGCTGA-----GCTGACACAGTAATGAGTT	9204
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AACTACACAG-----AAGTTGCTGTGGACCTAGGTAATGGAGGCTGAGCAAATATG-GGTAAGGGAACTGTAGGAC	31641
Majority	ATTTCTTTTAGTGGGATATG--TACCAAAGTGTGTGGTTGCATAAGT-GCTTGTAGCAATATAGACTTGG-----T-	
	35690 35700 35710 35720 35730 35740 35750 35760	
Human	AATCAGCACTAAATGGAAATGAGCTATCAAGCCATGGAGAACCTTCAGT-GAACATTACTAAATAAAAGAAGCCACTCTG	35619
Kakapo	ACATCCTTTTAGTCGGATTTG---TGCCAAAGTTGTGGTTGCATAAAT-GCTTGTAGCG-CATAGAATTGG-----	9542
GoldenEagle	ACATCCTTTTAGTCAGATTTG---TACCAAAGCGTGTGGTTACATAAAT-GCTTGTAGCAATATAGACTTGG-----	10284
JapaneseQuail	ATGTCATCTTTGGGGCAAATC---TGACA-----T--GGTTGCATAAGC-TCTTGTAAACAATATAGACTTTATATTGGTT	9273
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATTCACTGTAGGAGGAAGAAA---GAGGAAAATGTTTGTACAGTGGGTCATTTGTATCACAGCATAGCAAGGAGATGTC	31718
Majority	GGAGTTCTGAATAGGAACAAGTTGCT-AGGGCTCGGGAGACGGTAGGACTGTTGCTTTTGGTGGTAGTTGG--CAA-TGA	
	35770 35780 35790 35800 35810 35820 35830 35840	
Human	AAAATTCTGCATACCATATGATTCCA-ACTATATGACATCTGGAAAAAGCAAAATTATGGAGACAGTAAAAATCAGTGG	35698
Kakapo	GGAGGACAGAACAAGAGCAAGTTGCT-GGGGCCAGGGAGAAGGTAGGGCAGTTGCTTTTGGTGGTAGCTGGTTCAA-TGA	9620
GoldenEagle	GGAGGACAGAATAGGAACAAGTTGTT-AGGGCCCGGGAGACAGCAGGACTGTTGCTTTTGGTGGTAGTTGGTTCAAATGA	10363
JapaneseQuail	GGGAAGGGCAATAGAAACAACTGCTTAGGACTAAGGAGAAGGTAGGACTGATGCTTTTGGTGTGG-----	9340
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AATTTTTTAAATTTAAATTTTCAATTACATCTCAGTTTTTCACAGTAACGTTAAATTAAGTTGCCATAAG--AAAGTTT	31796

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Majority      TGTTGTTGTTTTACAAGTTGTTAATGGGACTGTGGTGTCTGATTTAGGGGATTGGG---G--TTT--ATAGCTGCAAGT
              35850   35860   35870   35880   35890   35900   35910   35920
Human         TTGCTAGGGTTTAGGGGTGGAGGGAGGGATGAACTGGTGGAGTACAGAGGATTTTAGGGTACTGAAAATATTCTGCATGA 35778
Kakapo        GGTCTAGTTTTGCAAGCTATTAATGGGACTGTGATGTCTGATTTAGGGGTTTGGG---G--TTT--ATAGCTGCAAGT 9692
GoldenEagle   GGTGTTGTTTTACAAGCTGTTAATGGGACTGTGATGTTTGTATTTAGGGGGTTGGGTGGGTTTTTTTATAGCTGGAAGT 10443
JapaneseQuail ---TGTTGTGTTTTAATTTAAT----TTCTGTGGC----ATGT---G--CTGGG-----CTT--ATAGTTGAAAGA 9393
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACTGATGGATTACATTTTTGTCTAACATAGATTGC-TCTGACCTCAAACACTTAAAAAATTCATTTTTTAATGCTGCC 31875
    
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Majority      ACATACA---ATTGTTA-CTTTTCATAAAAATTTAGTTTTTTTCATA-AATGTGTAACATCAGGA-TGAATTTTGG---AC
              35930   35940   35950   35960   35970   35980   35990   36000
Human         TACTATAATGATAGATA-CATGTCATACATTTTCCAAACCCATAGAATGTAAGACACTTGGAGTGAACCTGGAGGTAAC 35857
Kakapo        ACATACG---TTCTTAGCTTTTCATAAAA-TCAGGTTTTTTATG-AATGTGTAACATCAGTATTGAATTATAG---AC 9762
GoldenEagle   ACATACAGCCATTTTLAGCTTTTCATAAAAATCAGTTTTTCTATG-AATGTGTAACATGAGGATTGAGTTATAG---AC 10518
JapaneseQuail AAAAAA-----CC---AAACTTAGTTTTTCTCCTA-GATGTG-----T----- 9427
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CAAAAAAGAAGTGACAATTCATGCTAGTATTTTTTTTTTTCAAA-TTTAATTTTCCAACA-TGAAGTTGGC---CC 31949
    
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Majority      ATAATAGCTTTAGTG-TTTTAATTTATTATTGGAGAATAGCAGAGTT-TAAGTAGAAAATATCTTCTTT-----T-G-T
              36010   36020   36030   36040   36050   36060   36070   36080
Human         TACAGACTTTGAGTGAATTATAATGTGTCAAGTGTAGGTTTCATC-AGTTGTAACAATGTGCCATCTGGTGGGAGATGTTGAT 35936
Kakapo        AAAATAGCCCTAAATCTTCTAATTTATTATTGCAAAATAGCAGAGAAACAAGTAGAAAATACCTTCTTTTCATATTGGAT 9842
GoldenEagle   ATAATAGCACTAGCGTTTTTAATTCATTATTGCAAAATAGCAGAGAATCAAGCAGAAAATACCTTCCTT----- 10587
JapaneseQuail -----CCTTACTTTAATATTGTTAATA----- 9450
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ATTGTTTCATTGGTTGGTATTATTCTGGGCTTTGGGATTAGCTGTTTTCTTTCTAAAGCAGCTCTGACTTCTGAGTTGGCT 32029
    
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Majority      -----GTGGATCTTGTTTTGAGAAATTAGGAATTGC-----T-CTGGAGGATCAGATGTGTACTTGTGG-TTCC
              36090   36100   36110   36120   36130   36140   36150   36160
Human         AAAGGGGAGGCTATTTGGGGCAGGAGGCAGGGAAATCTCTCTGCTTTCTCTCCATTTTGTGTGTACCTAAACTTACTC 36016
Kakapo        CTTTTCATAGTGGATCTTATTTTGTAGAGGTAGGAATTGC-----TACTGGAGGACCAAATGGGTACATCTCAG-CTCC 9914
GoldenEagle   -----ATGGATCTTATTTTGTAGATGTAGAACTGC-----TGCTGAAGGACCAAATATGTACATCTAGG-TGCC 10650
JapaneseQuail -----T--TTTAACAATTAATAATTGT-----T-----A-----A-----TACTCGTTAC-TTCA 9487
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CAGG-ATGGTCTCTGCAGCCTGTATGATTGAGAGTCACA---TGTTCCAGATGATCTGTCGTCTATTGGTTGCATTTA 32104
    
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Majority	ATGAATCTTTATTTCAGAAAGTTAATAATACATCTGGGTGGTATCTCTAGCGAATATTTCT--CAT--CTGTTCTAACTTA	
	36170 36180 36190 36200 36210 36220 36230 36240	
Human	TGAAAAATGCTTTTGGAAAATTTACTCATGCGCTTGCATTGCATTTCTTTGGATATTACTGGTCTAAGTAGTCCAGTTAA	36096
Kakapo	ATGACTCTCTAACCAGAAAGCAAAGAATACATCCAGGTGGTAGCTCTAGCGAGTAGTTCT--CAC--CTGTTGTAAGTTAA	9990
GoldenEagle	ATGATTCTCTATCCAGAAAGCTAAGAACACATCCAGGTGGTACCTCTAGCAAGTTGTTCT--CAC--CTATTCTAACTTA	10726
JapaneseQuail	GTTAATTGTTA-----GGAGATGTCCCCAGCCAACATTAC-----	9522
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ACATGGCTTTATTTCAGGATATGTATGATTTTTCTGTTCTTTGGATCTGATCCATGACCCT--CTTGGTTGCTTAAAAGAA	32182
Majority	CTACCAGTTATTTTCAGCTGCTTTAGAGGAACA----CTTACTTTCTGGTAA----AGGTGGAATAGAAA-CTTGAAA	
	36250 36260 36270 36280 36290 36300 36310 36320	
Human	AAGACAAAGATTGTCAGACTTGATTAAGCAAGGCCTAACTACACTGTCAATACGAGGGTCAGGTAGAAATATCAAGA	36176
Kakapo	CTACCGTTTATGTGTAGCTGCTTCAGAGGAACA----CTTCTTTCTGGTAA----AAGTGGAGTAGAAAGCTTGAAA	10061
GoldenEagle	CTACCAGTTATGTACAGCTGCTTCAGAGTAACA----CTTACTTTCTGGTAA----AAGTGGAAATAGAAAGTCTGAAA	10797
JapaneseQuail	-----ATTGTTTACAGC-----ATGAAAAGGA---TTGAAG	9551
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AGCTAAGTGGTTTTTTTGCCCTTTATAGGAATT---ATCAATACCTTGCTAA----AGGAGTGAAAGATC-CTGACTA	32252
Majority	TGC---TGGAAATAAA--ATTTGTGTAATTCCTTTTGG---AAGTAGGAAGCATCAGTTAGT--ATTGGACTGGATTATT	
	36330 36340 36350 36360 36370 36380 36390 36400	
Human	TGCAGGTTGAAAGTAAAAAGATGGAAAATGATAATCCGTGCAAACAGTAAGCACAAGAAAGTTGATATGATTATATTACT	36256
Kakapo	TGC---TGGAAATAAA--ATCTGTGTGTTTCTCCTGG---AAGTTGGAAGCATCAGTTGGT--ATTAAACATGGCTCTT	10130
GoldenEagle	TGC---TGGAAATAAATTGTTTGTGTACTTCTCCTGG---ATGTTTGAAGCGTCAACTGGT--ATTGGACTAGAATCTT	10868
JapaneseQuail	CAG---GGGGAAAA-----AAGTACAGAGGATAAAGTATG--GAAAGGCAGACATATT	9600
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	@TC---TTAAACAGGCAACTTCAAGAACTCAGTTAATGCTAAATAAATAGTCTTTCTAATC--TTTGGGAGGGTTTAAAG	32326
Majority	GCCTACAGTCTTTTATGACA---ATAGGAAATTTAAAG-TTT---CCAAATAAGGTTGAGGGGTCAGTTT-----G	
	36410 36420 36430 36440 36450 36460 36470 36480	
Human	AGACAGAAAAATTTAAGACAAATATTACCAGATATAAAAAAGCATATTTCAATGTTGAAGGGTCAGTTTATCAGAAAA	36336
Kakapo	GCCTACAGTCTTTTATGACA---ATTGAAAGTTTGAAGCTTT---CCAAATGAGGTTTAAAGTGCAGATTT-----G	10195
GoldenEagle	GCCTGCAGTCTTTTATTACA---ATTGAAAGTTTGAAGCTTT---CCAAATAAGGCTGGTGGCATGGTTTAAAGTGGAG	10941
JapaneseQuail	CTAACCAGTTACTT-C-----ATAGGGAATTTAAGG-----CCAAGTGA-----T-----	9639
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	@CCCAAGGAATCTTATGCAT---CTAATAGACTTAAATAGTAGCATATGTATAGCACAGCCATCAATCTTTTAAATTG	32402

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Majority      -----ATTTGTTTTTTTACTCTTCAGC-T-CTGGTTTAATAGT----CCATCTTGATCTTGAGATGCTTTG-AGAA
              36490      36500      36510      36520      36530      36540      36550      36560
Human         CATTCTTAATTTGTATGCCAATAATAACAAATCAAAGTATATTAAGAAAAACATCACAGAACTAAGTAGAGAAACAAA 36416
Kakapo        -----ATTCTTTTTTTTACTCTTCAGCCTGCTGGTTTAATAGT----CCATCTTGATCTTCAGATGCTTTGGAGAA 10262
GoldenEagle   -----ATTTGATTCTTTACTCTTCAGCTTCTGGTTTAATAGTAGT-CTGTCTTGATCTTGAGATGCTTTG-AGAA 11010
JapaneseQuail -----G-----T--AATAGG-----A----- 9648
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGCTGTTTATTCACTATCTTGAGTCTGTGTATAGATTTGGAAAATA-TGACAGTACTTTTGAGAAATGGGTGTATGT 32481
    
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Majority      ATTTG-CTCTTTTCTACATTGTATTT-----TGAGAACTTGGAAAGTTTTTAGGAGAGATTGATCCTTGCTCTCTTTTAGC
              36570      36580      36590      36600      36610      36620      36630      36640
Human         ATCCA-CAATCATAGCCTGGTTTTTTTAAAACATAAATTTATGGCAATTGATAGGATAGTACAGTCCTAGCCCCAAATAAA 36495
Kakapo        ATTTGGCTCTTTCCACATTTGTATTT-----TGAGAACTTGGAAACTTTTCCAAGAACTGAGCCTTGCTCTCTTTTCAGC 10337
GoldenEagle   ACTTGGCTCTTTCTACAATGTATTT-----TGAGAACTTGGAGGCTTTTAAAGGAATTGAGACTTGCTCTCTTTTCAGT 11085
JapaneseQuail -----T--T--CT----TAAGCACTG-----TGA-- 9665
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGCTGTTTATTTCTTCAGTGAAATTCCAAGTGATAATTTTGTGTCTATTGTAGAGATTACTTTTAACTAACATTTTAC 32561
    
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Majority      TTAAAGAATCTTTGCTA--TCCTTTCATGCTGCTTTTGTTT-T-----TTTTCA-GAATTGGGTACATGGCA
              36650      36660      36670      36680      36690      36700      36710      36720
Human         AAGATACATAAATTTGAAAAGTGCTATCATGTTGGCTTAACTCACATTTATAAAACTATACCCAGTAACTGTAATAAATAACT 36575
Kakapo        TTAAAGACTTCTCAGCTT--CCCTTGATTGCGCTCTCAATTTCTGCCAACTTTGTGTTTTACAAAGAAGGTACATGGCA 10415
GoldenEagle   CTTAAAGACTGCTTGCTC--TCAATTTCTACAGACTTTGTGTGT-----TTTTCATGAATTGGGTACATGGCA 11151
JapaneseQuail -----A--GA-----CA 9670
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CAGAGAGAGCTTTGGGA--TTTTTCCATCATGTAGATGTCTTTTGAAGGTGGGATTTGTTTGGAAATGGCAACAGGGAT 32639
    
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Majority      TATACCATACATATAGTT-----AAAAAGGA-----TAATAGCTT-----ATTTTTCTCTAAGATTC---TTCTTTACT
              36730      36740      36750      36760      36770      36780      36790      36800
Human         TCAAGTGTACATAGAACATTCACAATGATAGACCTTATATTGGATTATAAAATAACTCAATAAATTTCAAATGATTGACA 36655
Kakapo        TATACCATGCATATAGTT-----AAAAAGGA-----TAAAGCTT-----ATTTTTCTCTGAGATTC---TTCCTTACT 10476
GoldenEagle   TATACCATGCATATAGTTGCAAGAAAAAAGAA-----TAAAGCTT-----AATTTTTCTCTACATCC---TTCCTTACT 11218
JapaneseQuail TACTCCATATATGTAGGG-----TTCT----- 9692
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AATACTAAACAAATAATTCAGTTTAGTAACAA-----TGATCATTGGATGATCCTTTTGGATGATGC---TTTTCCACA 32711
    
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Majority      GATAAAG-ATGAGTGTAAAAATGGTGAA-----ATTAGTTGTTAAGAT-TATA-A-A-----TG-TGGGCTGAGGATTGC
                36810      36820      36830      36840      36850      36860      36870      36880
Human         GCTAATGTATCTGACTGACTATAGTGAATTAATTAGAAATCAAAA--ATAGACATCTAGGAAAGTACTAAATATTAG 36732
Kakapo        GAAAAAA-ATGAGTGTAAAAATGGTCAA-----ATTAGTTGTTAAGATATATC-----TGCTGGGCTGAGGACAGC 10541
GoldenEagle   GAAAAAATATGAGTGTAAAAATGGTGAA-----GTTAGTTGTTAGGATATATAAACAATACATGGTTGGCTGAGGACAGC 11293
JapaneseQuail GATGAAG-----A-----GA----- 9702
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CGAGTGGCCGATATTTTTCCTTGTGAATGAACATTAATTTTATCTTCTCCAGAAAATAGCAGTGGGGGAGGAGCTTAA 32791
    
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Majority      ATGAAAAAGAATTGTAGTG---GGGAAAAATGAGAATGCA-GATAATAAGGAT-TATAGGTGGTCGGAT---TA--TT-C
                36890      36900      36910      36920      36930      36940      36950      36960
Human         AAATTACACAATCGTGAACAATACATGGATTATAGAAGTGTACCACAAGGCATATTTTGGACTGAATGAAAATATATC 36812
Kakapo        ATGAAAAAGCACTGAAGTG---GGGAAAAAGAGAATACA-GATAATAAGCATTGAAAGGTGGTCATAT--TC--TACC 10612
GoldenEagle   ATGAAAAAGAATTGAAGTGAGGGGGAAAAAGAGAATGCA-GAGAATAAATATGGAAAGGTGGTCGGTCATATT--GTAC 11370
JapaneseQuail ----- 9702
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CTGAATAGATTTTTCAGATCTGGTAAAAGTTAAATTTTCATGATAATACAGGCCTGTAGGCAATCAGCTGTTTAAAGTGC 32871
    
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Majority      CAGTTAATTTGATTCTGAATTAAG---GTGATGTTATAA-----C-A-----T--
                36970      36980      36990      37000      37010      37020      37030      37040
Human         AAAATTTGTTGGATACTACCCAAGGGTGTGTATGGTGAAGTATGTCTTCAAATACCTATATTACAAAAAAGGTTTAA 36892
Kakapo        CAGTTAATGGGATACTGCATTTAA---GTGATGTTATA----- 10647
GoldenEagle   CAGTTAACTTCATACTGAATTTAAAGCAGGTGATGTTGTAAGTGAGTTACTAAGCACCCACAGAGTTCATGGCCTTATCT 11450
JapaneseQuail -----TAA----- 9705
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@AAATACTGTAATTGTAATTTTGGCAGAATTGAAACACTGACATTTGTCCTGGCTTTCCACTATTTACTACTTAGCCTGT 32951
    
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Majority      -----A---A--C-----G-----CAG--TT--T---A-----T---G---A---C---T--A-
                37050      37060      37070      37080      37090      37100      37110      37120
Human         AACTCCCAATTTAAGACTGACCAAGGAAAAAGACATAAATACCAATACTGGAAATCAAGGTCGAGATAATCACTTTCAG 36972
Kakapo        -----CAT--GT----- 10652
GoldenEagle   GATAAG--ATTTTCATGCTAATATAGTTAAATAG--TATAGTCTTAAAAAATAAAAATCAAGTAGACATACTC-CTTTTAT 11525
JapaneseQuail -----T----- 9706
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GCATC--AGGGAAGACCTTTTAGGCTTGTCTG--TTGTTTCCTTAACTCTATCTGTGATTGAGATGAACCAC-AGTACAT 33026
    
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Majority      -----T-----TAGTGAGAATAAGCTTATAGTTTAAATTATAT-GATTTGTAAAATACTTTTAAACCAGCATTGA-A
              37130      37140      37150      37160      37170      37180      37190      37200
Human         AGAAAGTGGATATATGCAGAGTATAATAGTATAACATAAATAATATAAAGTGGAGATAGCACTTTC AATAAAAGCAGAGA 37052
Kakapo        -----AAGTGGGAACAAGCTTATAGGTTAACTATAT-GATTTGTAAAATACTTTA AACTGCATGGA-A 10716
GoldenEagle   GTAAGGTTCTGGTGAAGTGATAACAAGGTTATAGTTTAAATTGTAT-GCTTTGTAAAATACTT AATTAACCTGCATGGA-A 11603
JapaneseQuail -----AAGCTTATAGTTGAAATTATGT-GCTTTATAAAGTAC-TGTGAAGCAGCAGTGA-A 9759
MediumGroundFinch ----- 0
GoodesThornscrubTortoise AATTGCTACAGCCATTTCAGTGGTTGATTACGCAGGTATACCATTGTTAAATGACTGAACATTTTCTAACAATAATTGA-G 33105
    
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Majority      TTTCCTTTGGATTGTATGTTTGGACTTGGTTTTGTCCTGTCTCTGAATGA-G-----ATCTTCTGTGATTTTGTT-----
              37210      37220      37230      37240      37250      37260      37270      37280
Human         TATATAGAATATAATAGGAAAATAAGTCAATATTAGTAATGTTGTTAAGGCTAACAAATTCAGCAACTTAGATGAAAAGT 37132
Kakapo        TTTCCTTTGGATTGTCTGTTTGGACTTGGCTTGCCCTGTCCTGAATGA-----GTCTTCTGTGAT----- 10776
GoldenEagle   TTTCCTTCTGGATTGTATGTTTGGACCTGGCTTGTCCTGTCTCTGAATGA-----GTCTTCTGTGATCCAGTA----- 11669
JapaneseQuail TTTCCTTTGGGTTTTATGTATCGACTTGGTTTTGGCCTGTCCTCATTGATGAGGACATTGTCTGTGATCCTATA----- 9832
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @TCACCTTCCAGTGGCTTTGAGCTTCTGTTTTTTCATGTATTA AACTGGG-----ATCATCAGTCCCTTTTCT----- 33173
    
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Majority      TGTGTGAGAGGTTGTAACAGTCTATT-A--ATGTAGTTTAG--ATTATGTGTTTTGATAGTAGTGCCTGTA-GTCAGAGAG
              37290      37300      37310      37320      37330      37340      37350      37360
Human         TTCTTGACAAATGCAAACTGACTTAAGTATATAGCTTAACAGCTATATACTACTGTATTATACAAATTTGGAATTTATAA 37212
Kakapo        -GTGCGAGAGGTGTCAGGGCCTATTCACCATCTAATTTGG--ATTAGGTGTTTTGACAGTAGTGCCTGCAAGTCAGAGCG 10853
GoldenEagle   TGTATGAGAGGTTGTAACAGTCTATTAATTAGGTAATTTAG--ATTATGTGTTTTGACAGTAGTCCGTATA-GTCAGAGCA 11746
JapaneseQuail TGTGTA A AATGTGTAGCAGTCTGTT---AGGTAGTTCGG--TGTATGTGCTTTGATAGCAGTGTGTGAA-GTCAGGGAG 9905
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @CCACATATATCATTA AACTTTATC---TCCTGTTGAAA--AGTATCATTTAA AATGGTAAGTGAGAGACCACACAGAG 33247
    
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Majority      TAAGGCAGAT-----AGAGTATTTCTCTTCAC--A-GTGTGTTGTGATAGTGTATTT-ATGCAGTGTTCATTA A A A A A T
              37370      37380      37390      37400      37410      37420      37430      37440
Human         TTAAAAAATCTTTCCACAAAGATTACTCTAGTCATAGATGGTTTTCACTATTGAATTTTATGAAATTTTAAAGGAATACT 37292
Kakapo        TAAGGCAGAT-----CCAGTATTTCTTCTTCACTAAAGAGTATGTGAGGGTGTATTT-ATACAGTAGTTCATCA A A A A A T 10926
GoldenEagle   TAAGGCAGAT-----AAAGTATTTCTTCTTCACTA--GAGTATGTGAGAGTGTATTT-ATGCAGTGTTCATTA A A A A A T 11817
JapaneseQuail TAAGGCAGGT-----CGGCTATTTCTCTT----- 9930
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AAGGTGGAG-----AGCTTTCTTTCAGTTCC--AAATGCTTCTAATAA TAGTTTT-GAAA A CTGAATG A A TTTCA TA 33317
    
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Majority      GTTTCATGTTAAAAATGAAGCATTTCATTAAATCTCT--CCATTGTATGTAACCTGTATAAAATTT-AGAAATGCT-TGTTT
              37450      37460      37470      37480      37490      37500      37510      37520
Human         AGCTGTCTTTGAAATGGAGGAGGGAATACTACCCTGTTCACTTTATGAAACCACTATAACTGACAGCAAAACC-TGACA 37371
Kakapo        GTATCCTGTCAAGAATGAAGCGTTCATCAAATCTGAGCCATTGCGTGTAACTGAATGAAGTTGAGAAATGCTACATTT 11006
GoldenEagle   GTTTCATGTTAAAAATGAAGCATTTCATTAAATCTGATCCATTGCATGTAAATTGAACAAAGTTTATAAATGCTGTGGTT 11897
JapaneseQuail ----- 9930
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTTCAAATCAATATTTT-TATTTTGAAGTTC--CTTTAATATGTACCTTGTAATAAATGTACAAAGGGCAGTGTTA 33393
    
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Majority      AGGGGTTTATAGTGTGTTTCC-----T-----C-----CCAAGGATAAATCAGACACTGAATATTGATGCAT--
              37530      37540      37550      37560      37570      37580      37590      37600
Human         AGGGTAATATATCAAGATTTCCAGACTAGTATTTCTCATTAACCTAAATGCATATATTTCTTAAGAAAATGTTGGTAAATCA 37451
Kakapo        AGAGGTTTGAAGTGTCTGTCC-----C-----CCAAGTTAAAATCAGACATTGAACATTGAAGCAG-- 11063
GoldenEagle   GGGGGTTTAAAGTGTGTTGTCTGTTTCCAACATCCATTCCCAAAGCTAATTCACACACTGAATATTGAAGCAG-- 11975
JapaneseQuail -----TGGAGTG-----GGATGTTG----- 9945
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TCAATCCATGACTCATATAAAACACATTGATTTCCGCTGGCTGGCAAAGAGAGGGAAGAATCAAGACATCACTGCTT-- 33471
    
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Majority      --TGTGTTTCAAGTGTG--TATCTTTTAGGGGGGAATGT--ATGTCTGGGTTTGAATTCTCATTTGATTTTATTCCTG
              37610      37620      37630      37640      37650      37660      37670      37680
Human         CCTCCGGTAGAATATGAGAGACAATTTCTGAGACTTATCGCAGGATTGTAAGGTTTGTTTAACATTTGAAAATGAACTCAG 37531
Kakapo        --TGTGTTTACAAGTGTGAGTATCTATTAGAGGGGAATGTTTAAATGTCTGCGTTGGAATTCTCATATGCTTTTATTCCTC 11141
GoldenEagle   --TGTGTTTACAAGTGTG--TATCTGTTAGAGGGGAATGTTTAAATGTCTGGGTTGGAATTCTCATATGCCTTTATTCCTC 12051
JapaneseQuail -----CTGTCTAGGTTAGAATTCTCATTGCAGTCTCCCATTG 9982
MediumGroundFinch ----- 0
GoodesThornscrubTortoise-TCTGTTAGCAGGTGACTCTAGAATTTTGGAGAACTGC--ATGTTTTATTATCTGTTGGCACTCCATCCTTTTCCAT 33546
    
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Majority      TGC-----ATTAAATTTCTGGCTTTTGCTTTT-TAAATGTTCTCAGATGTTGTTAGAGATGAAGTG-TTTTACAATGCT
              37690      37700      37710      37720      37730      37740      37750      37760
Human         TGTAATTTGTCACAATGATAGAATGAAGAAAGAAGAATTTCTCTCAGAAAACAGGAAGAGAAGGAGCTTTTACAATGTA 37611
Kakapo        TCCCATACCATCAAGTTTCTGGCTTTTCTCTTT-TAAACTGTTCCAGATGTTGTAAGAGATGAAGTG-TTTTACAATGCT 11219
GoldenEagle   TCC-----GTTAGTTTCTGGCTTTTCTTTT-TAAATGTTCCAGATGTTGTTAGAAATGAAGTG-TTTTACAATGCT 12123
JapaneseQuail TGC-----CAGATTTCTGGTCTTGCTTTT-TAAATGTTCTCAGATGTTGTTAGAAATGAAATA-TTTTACAGCACT 10052
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GAGATGTAGAGTAACTGCTTTCTGTTGTTACATGCAACACTCTCATCCATTTGATGAGCTGAGATG-GAGACAGCCATT 33625
    
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Majority      GTTAGATTTCTTTGAATCATGAGAT-----CTATCTCCTTGCTTGTC-ATAGCCCTTGGGAAATTCGTGCTTGTAGGC-G
                37770      37780      37790      37800      37810      37820      37830      37840
Human         AATAAGGGGTATCTACTAAGAACCTACAACAAATTTTACTACTTAATGGAGAAATATTGAATGTTTTCTTCTTAAAAACAG 37691
Kakapo        GTTAGATTTCTTTGAAATCATGAGAT-----CTGTCTCCTGGCTTGTC-ATAGCCCTTGGGAAATTCGTGCTTGTAGGCTG 11293
GoldenEagle   GTTAGATTTCTTTAAATCACGAGAT-----CCATCTCCTGGCTTGTC-ATACCCCTTGGGAAATTCATGCCTGTAGGCTG 12197
JapaneseQuail GTTAGAATTCCTTG--TCATGTG-----CTATCTCCCTACTTGCC-ATGGCTGTTGGGAAGTTCCTGC----- 10112
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATTCTCTACTCTGAGCCATAAGTTAAAGGGAATCTCTGTTTTTCATT-TTAAACAATCAGCAACTTGGAAATTTCTCAC-A 33703
    
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Majority      AGAATGACTGTGGTAAA--ATAGTGCAGCTGATGTTCTC--CTTTTTTCTTTTCATTTAGGGGAGTA---GGGGAGAGAG
                37850      37860      37870      37880      37890      37900      37910      37920
Human         AAATGAAGCAAGGATGTCTGTTTTCTCAATTTTCCCCTTAGCTTTCTGCTTACATTAAGGCAGGTGAAATAAAAGACAT 37771
Kakapo        AGAATGACTGTGGTAAATGTGCAGTGCAGCTGAAGTTCTC--CTTCTTCTTTTCATCTAGGGGAGGAGTGGGGAGAGAG 11371
GoldenEagle   AGAATGACTGTGGTAAATGCACAGTGCAGCTGAAGTTCTC--CTTTTTTCTTTTCATCTGGGGGAGGAAGCAGGGAGAGAG 12275
JapaneseQuail -----ACAGCTCAGGTTCTC--CTTTGCTCCCTCACACAGAGG-----GGAGGGAT 10156
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGAGTATCTATGCAAAG--ATAAAATGACCATTACAACA--GTTTCATTTTATACTTAAGACTCTA---GATATAACTG 33775
    
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Majority      GGAGGTG--GGGG-----GGAAAAGCATCCTGTTCTTGAT--AGAGGTTTGTAATAGCAGCAAATTTGAA--TACTA
                37930      37940      37950      37960      37970      37980      37990      38000
Human         AAAGATTGTAAAGGAAGAAAGAAAACGTCTTATTCCACATTCAACATGCTTTTTTAAAGTAGAAGACCTGAAGGACTCTA 37851
Kakapo        GGAAGTG--GGGTG-----GGAAAAGCATCCTGTTCTTGAG--AGAGGTTTGTAATAGAAGCAAATTTGGG--TGCCA 11438
GoldenEagle   AGAAGTGGTGGGG-----GCAAAGCATCCTGTTCTTGAA--AGAGGCTTGTAATATCAGCAAATTTGAA--TACCA 12344
JapaneseQuail GGGGGTC-----GGGAAATCATTCTTTTCATTGTT--AGAGGTTTGGAACGTCCGCATATTTGA---TACTA 10217
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAATATCAAGCAAC-----TTCAAAGTGGGGAGAGCAAT--CAATCATTGAAAGGCTAAAAGTTTGA---TATTG 33844
    
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Majority      CGAATGAGATG-T-TTATCAGAAAATGAATTTTTCATTATTTTGGGTGTATTCT--ATGTTTTCTAATGGGATTTTAAG
                38010      38020      38030      38040      38050      38060      38070      38080
Human         CAACAGATTTGGTAGAACTAATAAGTGAATTTAGAATAATTATAGGATACAAGTTCATGTACAGAAATAGTCTCCTTAT 37931
Kakapo        TGAATGAAAGAAT-TTATCAGAAAATGTATTTTGGATATCTTTGAGTATATTCT--GTCTTTTCTAGTGGGAATTAAG 11515
GoldenEagle   CAAATGAGAGGAT-TTATCAGAAAATGTATTTTCAATATCTTTGAGTGTATTCTTTATCTTTTCTAGTGGGAGTTAAG 12423
JapaneseQuail CGAATCAGAAG--TTATTGGAGAATATTTTTCAGTATTTT--TGTAT-----ATGTTTTCTAATGGGATGTCAAG 10286
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGTTTGAATC--TAATCTTAAATTTACCCTTCCATTTCTACAAGATCAATAAAAAATAATTAAATATGCACAAAAT 33921
    
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Majority	AAATTACTTTAGATGATTCTGATTGATTTTTTAATAAAGTGCAGTTATGTCATTTGTTTACTGTTTTTTGTATTATTGGT	
	38090 38100 38110 38120 38130 38140 38150 38160	
Human	ACTTGCCAGCAAATTCCTAGAAAATGAAATTTTAAAAATCTGTTTATAAAAAGTATCAGACAAAATATCAGGAAAAAAT	38011
Kakapo	AAATTACTTCAGCTGATGCTG-TTGACTTTTTAAGAAAGTGCAGTTTTGTCACTTGTACTGGTTTCAGTAGTGTGGT	11594
GoldenEagle	AATTTATTTAGATGATGCTG-TTGACTTTTTAACAAAGTGCAGTTTTGTCATTTGTTTACTGTTTCTTGTAGTATTGGT	12502
JapaneseQuail	AAATTACTGTAGCTGATTCTGATTGATGACATTTTAAAAATGCAGTTAGTTTTGTTGGTTATTCTTGCTAGTGTATCAGT	10366
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AATGTTAAAAATAAAATTATAATATTTCTTTAATACAGTGTTCCAAAGTGTTCATGTAGCCTTGTAGATTGTGAA	34001
Majority	TTAGTGTTT--ATGTAGTACA-----CGGATCTAACCTTGGTCTAATAAGCCTTTTATGAAACA-T	
	38170 38180 38190 38200 38210 38220 38230 38240	
Human	TTGACAAAAGATATGTAAGACATCTACACCAATATGAAACACTGCTAAGAGAAGTTTTAAAAAGACTTACATGAAGACGT	38091
Kakapo	TTAGTGTTT--ATATA--A-----CGTATCTAACATGCTTCTAGTAAGCCTTTAGTAAAAAA--	11648
GoldenEagle	TTAGTGTTT--TTGTAGTATAGTT-----GTAGTGCATCTACACGTGCTTCTAATAAGCCTTCTGTGATACACT	12569
JapaneseQuail	TCAGTGTTT--CTGTAGTGC-----TAGAAGGGCCTGCATGTTACACGCTTCTGATAAGTCA--	10423
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CTACTAGTTGG-AGATAAGGGAGTA-----TGGACTGACCTCTCATTGTGACTCCTGAGTCCCATATTTTCATTTT	34070
Majority	-GAT----TTCTTATGTTATGTTTCAGCCATAACTTCTGATGAGAGTCT--TC-----ATAGCCTTGAATTATTGGG	
	38250 38260 38270 38280 38290 38300 38310 38320	
Human	AGACCATGTTTCATGAATTAGAAGGCTCAATATGTTAACATGCCAGTTCCTCCATAAATGGGATGGCATTGAATCTATAAA	38171
Kakapo	-GAC----TCAGTTTGTATGTTTAGCCAGAACTTCTGCTAAGAGTCTCTT-----ATAGGCTGGAATTATTGGG	11714
GoldenEagle	CAAT----TTGTTATGTTGGGTTTCAGCCATAACTTCTGATCAAAGCCT--TC-----ATAGCCCTGAATTATTGGG	12634
JapaneseQuail	-----CGTTATGTGCAGCTGTAACCTTCTCCTGGAGCCT--TC-----GTAGCCTCAGATTATTGGA	10478
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AGT----CCCTGATTTCTGATTTCTTAAAGAACAAATAAAGTTAGTTT--CT-----GGCTGTTCTGGTTGTTGAG	34135
Majority	AAAAGAGCTGATAATATTTCTCTTTAA-AAACAGTTGT-GAAATATGACTGAGCTTGGAAAA--AACCTCTTTGGTAAC	
	38330 38340 38350 38360 38370 38380 38390 38400	
Human	GACTTATAAATTGAGAGTACATTCTA--AAATTTATGTGGAAATAAAAAGGAGCTAGGACAATTAACCATTGTTGAAAA	38249
Kakapo	AAAAGAGCTGATAATGCTTCCCTTCCATAAACAGTTGTCAAAAAGGACTTTGCTTAAAAGACTAAACCTCTTTGATAAC	11794
GoldenEagle	AAAAGAGCTGATAATGTTTCTCT-----CTCATTGGTAAC	12669
JapaneseQuail	AAAAGAGCTGATAATATTTCTCTTCTATAAACAGTTGTTAAAAATTTCTCTGATGCTTGAACAACTAACTTCTCGG-GGT	10557
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AGCCTTCAAAATGAGACGTTTTTGTAAACAAAAGAAGG--GATCTCTGCCTGAGTTTGCAAAG--AGCCTGAAATGAAAC	34210

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Majority      TCTGAA---GCCAGAGTTGT-----TATTCTTTTGTGTTTTTTTTTACCTCA--T-----G-----TAGTG
              38410      38420      38430      38440      38450      38460      38470      38480
Human         AGTAAATTTTGCACAGTTCTCAAGACTCACTACAACCTGTAGTTAATCCAAAACAGTTTACTACTAGCATAGTTAGTG 38329
Kakapo        TCTGAA---GCCAGAGTTGT-----TATTCTTGAGGGTTTTTTTTTGCC-----TG 11837
GoldenEagle   TCTCAA---GCCAAAGTTGT-----TACTGTTT-GTGTTTTTTTTACTT-----TG 12711
JapaneseQuail TCTCAG---GCCAAAATTGAGAAGTTG-GTGTTTTTTTGTGGTTTGTAGCCTCATTTTA--AACGGAGCTAGTAGTG 10630
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TTGAG---GTGTGAACTGA-----C-CTGTTCTTTTTTATCAGTGCTAACTCAGGT---GCCAGTAATAGTAGTT 34274
    
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Majority      G-ATGTAATAACATTTGGGGAATGTTTGAATAATTTAAA--GCCCTATCTGCACTGTGAGGAAAA--TA----GTTGGCA
              38490      38500      38510      38520      38530      38540      38550      38560
Human         ACACAGAATAGCGTTCAGGGAATAACTCATGCATTAAAGTTGCCTTGATCACTCAGTGAAGAAAGAGAAGGCCTTTCAAC 38409
Kakapo        G-ATGTAATGAAATCTGGGGAATGACTGAAATAATTTCAA--GCCCTATCTGAAGCGTGAGGAGAAGATA----GCTGGCA 11910
GoldenEagle   G-ATGTAATAAAATCTGGGGAATGTTTGAATTTTAAA--GCCCTATCTGGAATGTGAGGAAAA--TA----GTTGGCA 12782
JapaneseQuail G-CTGTAGTAAGTTTGGGGAT-TTTGAAATACT-GAA--GTCCCATCAGCCCTGTGAGGAAAA--TC----ATTGGTA 10699
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@-AAATGTTAGCATTGTTAATAATGTTACTGCTTATTAA--AACATGTAAGAAAGGAGAAAACATATGTATGAAAATCTGA 34351
    
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Majority      AGGACTTCTA-AATAGTATACTTTTTATT--AGCCTGGAAGATAATTTGACTGTAACTTCCCTG-ATATTACATCGC
              38570      38580      38590      38600      38610      38620      38630      38640
Human         AGATGTGCTAGAACAGCTGAATATACATACAAAAAGCAAAGAACTTAAACCTACATCATTCTGTATAAAACAATGA 38489
Kakapo        AGGACTTCTA-AATAGTATAGTTTTGTTT--AGCCTGGAAGGATAGCGTGACTGTAATGACTTCCTG-ACATTCCATAGC 11986
GoldenEagle   AAGACTTCTA-AATAGTATATTTTGTATA--AGCCTGGAGGGATAATATGACTGTAATGACTTCCTG-AAATTACATAGC 12858
JapaneseQuail AGGACTTGTA-AATAGTG-GCTTTTTATT--AGCCTGGAAGATAGTATGACTGTGACAACTTCCCTG-GAATGGCATCGG 10774
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@TGCTTGCTA-AACAACAAGCTTTTCAT--CCTACTGCTAAATAATTTAAAGGT-ACACCTCTACC-CTGATATAACGC 34426
    
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Majority      TACTTAATATA-----ACCTGTGA-----TAGCATGAAGCTTCATAGTTGTCTGC---TTTGGGGGAAAGGGGG
              38650      38660      38670      38680      38690      38700      38710      38720
Human         GATTAATTATATAAAAATAATATATAGAGTTTTTAGGAAAAGCATAGGATATACTTGCAACTTTGGGATAAATGAAGA 38569
Kakapo        TGCTTAATATA-----ACCTGCGA-----TAGCATGAGGCTTCATAGTTGTCTGT---TTTGGGGGAAAGGGGGG 12048
GoldenEagle   TACTTAATATA-----ACCTGTGA-----TAGCATGAAGCTTTATAGTAGTCTGT---TATGGGGGAAAA---- 12916
JapaneseQuail TACTTAATATA-----ACTTGTGA-----TAGCATGAAGTCTCA-AGTAATCTGC---TGTGGGGGAGTGGAGGG 10835
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@ACCCGATATA-----ACACGAAT-----TCAGATATAACCCGTAAAGCAGTGC---TCCAGGGGGCCGGGGCA 34488
    
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Majority      -----GGAATCTGAAATCCT-----GCTACATAAAATTTAGCTC-GTGTAGTGAGGG-----ATTCTGAGTTAACAG
              38730   38740   38750   38760   38770   38780   38790   38800
Human         TTTCTTAAAATAGAAAATCTTAAAGGAATATATAAACTTGACTCCATCAAATGGGA--AATTCTGCCTCATCAAAG 38647
Kakapo        -----GGAATCCAAAATCCT-----GCTACCTAAATCCAGCTT-GTGTAGTGAAGA-----ATTCTGAGTTAGCTA 12108
GoldenEagle   -----AATCTGAAATCCT-----CCTACATAAAATCCAGCTT-GTGTAGTGAGGG-----ATTCTGAGTTAGCTA 12974
JapaneseQuail ATT---GGAATCTGGAGTCCA-----GCTACATAAAATTTAATTC-CAGTAGTGAGGG-----ATTCTGAGTTAACAG 10898
MediumGroundFinch -----
GoodesThornscrubTortoise-----GGGCTGTGCACTCCG-----GCGAATCAAAGTAAGTTCAGTATAATGTGGTTTCACCTATAATGCGGTAAGAT 34556
    
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Majority      TTACTGTTA--AAGCAAGGAGCTAGAAGATTGATTTGGTGAGCTTGGTATTTTT-----TGCTTTTCTTTGTA
              38810   38820   38830   38840   38850   38860   38870   38880
Human         ACATTGTAAAGACATTGAAAAGACAAGGCACAGACTTGGAGAATATAATATTTGTGTATCAATACATGCATATGACTGTA 38727
Kakapo        TTACTGTTA--AAGCAAGGAGCTAGAAGAT-----C-----T--CCTTTATG 12146
GoldenEagle   TGACTGTTA--AAGCAAGGAGCTAGGAGATTAATTTGATGAGCTAGGGGCTTTT-----TCTTTTCTTTGTA 13040
JapaneseQuail TGACTGCTA--AAGCAGGGAGCTTGAAGGTTCAATTTGCTAAGCTAGTTACTTTT-----TACTTCTCTTAGTA 10964
MediumGroundFinch -----
GoodesThornscrubTortoise@TTTTGGCACCCGAGGACAGTGTATATAGGGGTAGAGGTGTACATTGGATTGTT-----TGATGTAAAGAAAA 34625
    
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Majority      TAATTCCTCTTTTAGATTGCAGAAAATAAAAGTATCAACAGT-----ATTTATGAAAA-----TTTCATGAATT
              38890   38900   38910   38920   38930   38940   38950   38960
Human         TTAGTCCATTTTCATGCTGCTGATAAAGACGTACCCGAGACTGGGCGGGCAATTTATGAAAGAAACCAGTTTAATGAATT 38807
Kakapo        TAATTCCTCTGGTTGATTCC--A-----TACATGAATG 12177
GoldenEagle   TAACTGATTTTGTAATTTGTAGAAGAGAGATATATACAAT-----AACTGTGTTCA-----CTTACAGAAATT 13104
JapaneseQuail TAATTGTTCAATTTGAAGAGCCAGAATATTTGCAACAACACTGT-----ATTTAATAAAA--GATTTCTTTACGAATT 11032
MediumGroundFinch -----
GoodesThornscrubTortoise@AATTCACCTAGAGGTAACAAATATAAAACAATCACTAGT-----AAGTAAACTATTGGAACTTGAAAATCT 34695
    
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Majority      TACTAAACTATAGAAATGGTATATTCTATTAAAAGTATTTAAAGGCATCTTTATATGTATA---TTTAAGCTTCTTTGAA
              38970   38980   38990   39000   39010   39020   39030   39040
Human         TACAATTCTATGTGACTGGGGAAGCCTCATAATCATGGTGAAGGCAAGGAGGAGCAAGTCACATCTTACGTAGATGGCA 38887
Kakapo        TGCT-----12181
GoldenEagle   AACTAAAATATCGAAGTGGTATCTTCAATTAACAGCATATAAAATAATTTTATACGTATAATTTCAAGTTTCTCTGAA 13184
JapaneseQuail AAGTGAAATATAGAAATGCTATTTTCAATTTAAGGTACTGAAAGATTTCTTTATATGTATA---TTTAAGCTCCTTTGAA 11109
MediumGroundFinch -----
GoodesThornscrubTortoise@CTTCCACTTTAAAAAATAAATAATTTTATGCAACATTTCTTAGCATCCCATATTGAATATACTCTATTCTTTAATTAA 34775
    
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Majority	ATACGTA---AAAAT---CTAGT---GGATATCTTTTATCTTTTTCTGAAAATGA-CCT-TAGGTCATTTTTA-----	
	39050 39060 39070 39080 39090 39100 39110 39120	
Human	ACAGGCAAAGAAAAGAGAGCTTGTGCGGGGAAACTCTCCCCTTTTTAAAACCATGAGACT-TACTTCACTGTCACGAGAA	38966
Kakapo	-----	12181
GoldenEagle	ATACATATTTAAAGT---CTCATTGGTATATTTTTCATCTTTTTCTGAAAGTGATCCACATGCCAGTTTTATGTAGT	13260
JapaneseQuail	ATACATATTCAGTCT---TGAGT---GGACAACCTTTTTCTTTTTCTGAAAATGTCCAATTTGCACATTTTTA-----	11176
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	AAATGTA---AAGAT---GTATTATAAGATGTAGCTTAATTTAATAAAAAAATTAATTTATGGGTATTTTTTAAACACAT	34848

Majority	-----A---CATAcATTAACATGCTGTT--TTCACA-----CCGTA--GTTAGAAATGCTC--TCATGAGGGC	
	39130 39140 39150 39160 39170 39180 39190 39200	
Human	CAGCATTGGAAAGACCTGCCCCCATGATTTCAGTTAACTCCCACCAGGTCCCTCCCACAACACATGGGAATTCAGAGGAG	39046
Kakapo	-----G-CATGCTGGT--CTTACA-----CCACA--GATGGAAATGCTC--TCATGAGGGC	12225
GoldenEagle	TCCATTGGTTGAAGCCATAAAATTAACATGCTGTT--TTCACA-----CTGCA--GATGGAAATGGTC--TCGTGGGGGC	13328
JapaneseQuail	-----CATAGATTAACATGCTATT--GCCACA-----CCGTGCTGTCAGAAGTACTCAGTGACAGGGGC	11233
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	SGTAGGACTGAAAGGAGCACATTAGTTTTTATTT--TCCTGAAGTTTTCAGAAGTTTGACAAATGCTGTGTATTAATATA	34926

Majority	AAGGGTGTGATAACATGGGCTTCCTTGA--AAGGACAAT--CTTGAT-CTGCAACAAATTTGAAGTTCACCTCA---CTGC	
	39210 39220 39230 39240 39250 39260 39270 39280	
Human	ATGTGGGTGGGGACACAGCCAAACCATATCAATGACAAAGGACTTGTATCCCAAAGGACTTGTAACAAAAAACTCCTCC	39126
Kakapo	AAGGATGTGATAACGTGGGCTTCCTTGG--AGAGACA-T--CCTGA--CTGCAACAAATCAAGGTTCCCTCA---CTGC	12295
GoldenEagle	AAGG--GTGATAACATGGGCTTCATTGA--AAGGACAAT--ATTGACTCTGCAACAAATTTAAAGTTCACCCA---GTGC	13399
JapaneseQuail	TGGGGTATGAGAGCATTGCATTCCTTGA--GAGGGCT----TTGATTCTGCAAGAAATCTGAAGTTCCTCTGA---CTGT	11303
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	6ATCAACAGTTATCATATTTATGCAGAA--ATATGCAA--CTTGGC-ACATAACACATATGAAGTCAAATAATG-CTCC	35000

Majority	AAGAAGTTAGTTTG---GCAATTCCTTGTTTT--T-TGTGTAAGTCTTTTTGGC---AGATACTGGTTTCATGAAGAT	
	39290 39300 39310 39320 39330 39340 39350 39360	
Human	AATCAATAAATATG--AGCAGCCCAATTTTTTTTTAAGTGGCAAAAGAAGTGACATTATAAGGATGGGTAACAAGCACAT	39204
Kakapo	AGGAAGTTAGTTTG---GCAATTCCTTGTTTTATTCTGTGTAACAGTGTTTTTGGC---AGATGCTGGTTTCATGAAGAA	12368
GoldenEagle	AAGAAGTTAGTTTG---GTGATTCCTTGTTTT--TGTGTAATAGCATTTTTTGGC---AGATGCTGGTTTGTGAAGAA	13468
JapaneseQuail	AAGAAGTTGGTTTG---GCCATTCCTGGTTTT-----ACCTTTTTGGC---AGACATTGAATCCAGAGCATT	11364
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	eTGGAATTACTGTGCGTGAAGTGATACTGAATGCTTTCCTTAAAAGATTTTTGGGCCCTTAGAAACCCACATTACAACAAG	35080

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Majority      TTTTGTGGATGTCTCTGATCTGGATAGT---GTTTTAGC--TTTtagggaggattaatgtatatattcatggt-cttga-
              39370      39380      39390      39400      39410      39420      39430      39440
Human         GAAAAGATAATGTTAGTCATCAGGTGATCACAAGTCAAAACCATTAGAGATAGAATTTACACCAACTAGAATGGCTAAAA 39284
Kakapo        GTGTTCTAGATAGCTCTGATCTGAATAGG---AGTTTATC--TTTtagggagattaatatatattcatggt-cttga- 12440
GoldenEagle   ATGTTTTGGATATCTCTGATCAGAATAGTTACTGGTTTAGC--ATTTATGGAAGATTAAATGTAGATTAATGTT-CTTGA- 13544
JapaneseQuail TGCTGTGAATGTCTATGGTATAGTTAAT---GTTTTAGG--TTGTATACAGTACTGCTTGATGTTTGT---CTTGA- 11433
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@GTAGCAGCAACTCCCTGCTGTTGACTGAGAGAGCCTCT--TTATGGGCTGGCATAGAGTCCACCCATGATGCATAAA 35158
    
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Majority      ---CATTGGTAGGAATAAAAAATATGGCGTTGAAAACCTTG-TGCTGTTGAGGACTAGTTGTCAGTAGATGACC-----TAT
              39450      39460      39470      39480      39490      39500      39510      39520
Human         TTAAATAGATTGGCAATACCGAATGTTGATGAAGATGTGGAAGTCTCTTTAAATTACTGCTGAGTATATAACA---TAGT 39360
Kakapo        ---CATTGGTAGGAATGAAAATATGGCGTAGAAAAC---GCTGTTGAGGAGTAGCTGTCAGGCGATGACC-----TAT 12508
GoldenEagle   ---CATTGGTAGGAATAGAAAATATGGCATTGAAAACCTTG-TGCTGTTGAGGACTAGGTGTCAGAAGATGACC-----TAT 13615
JapaneseQuail ---TGTTGGTAGGAATACAGATGTGGCATTGAAAACCTCC-TGCTCTTGAGGGCAAGCTCTCAGAAGATGACC-----TTC 11504
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CCCATCTGTCAATGTATCAGAAATAGCTTTTGTAAACAC-AGTCAGGAACTAGACTCAATAGTACATAGTCATAATCAG 35237
    
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Majority      TAATAGTAT--AATAGTAGTTTGTACTTTTTATTTTGCCTTTATAATCTCTTTCCCTCTTACTAAAAT-GAATATTCAG
              39530      39540      39550      39560      39570      39580      39590      39600
Human         TGGGAAAATAGTTTGCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGACAGAGTCTTGCTCTGTCACCAGGCTGGAATGCAGTG 39440
Kakapo        TAATAGTAT--AATAGCACTTTGTACTTCTTATTTTGCCTTTATAATCTGCTTGCCCTCATGCTAAAAT-GGATATTCAG 12585
GoldenEagle   TAATAGTAT--AATAGTAGTTTGTACTTTTTATTTTGCCTTTATAATCTCCTTCCCTCATCGTAAAAT-GAATATTCAG 13692
JapaneseQuail TAATAGTCTGCAATAGCAGTTTGTACTTCT---TTGTCCTTTGCAACCTCTTTCCCGTGTCTAAAAT-GAATACTTAA 11580
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CATAATGAAACAATGTAACCTGATTTTTTTGCATTTTATTAGAAAATGTCTTTTACGCTAATTGTCATAGAGTAATCAT 35317
    
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Majority      GTAGTTTCTTACA-TGTTGCTA-TTGTAGGAACTTT-CCTTTGCAGTTTTTGTGTT-----GGAAATAAAAATT
              39610      39620      39630      39640      39650      39660      39670      39680
Human         GCATGATCTCAGCTTACTGCAACCTCCGCTCCTGGGTTCAAGCGATTCTCCTGCTCAGCCTCCTGAGTAGCTGGAACCT 39520
Kakapo        TTAGTCTCTATCA-----TGTAGGAACTAT-CCTTTCCAGTCTATGCC-----AAAATAAAAATC 12638
GoldenEagle   TTAGTCTCTTACCATGTTGCTA-TTATAGGAACTTT-CCTTTGCAGTCTATGGT-----GAAATAAAAATC 13755
JapaneseQuail GTAGCTTCTATCA-TGTTGCTA-TTGTAGGAAATTT-TCCTTTGCAGCTTGCAGTT-----GGAAGGGAAGTT 11644
MediumGroundFinch ----- 0
GoodesThornscrubTortoise@CATTTTTTAAAACCTGCTTAAATTTTAGGAGTTTGGCAGTTTAAATTTTTATTCATTGGA-----GGGAAAAAAAACCT 35392
    
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Majority	ACAGTGGTTGTTTTTG----TTTTTTTGTTTTTTTTACTTTTATTTTAGAATTCTT-----TTTGCTTGTGATCTTC	
	39690 39700 39710 39720 39730 39740 39750 39760	
Human	ACAGGTGCACGCCACCACACCCGGCTAATTTTTTGTATTTTATAGTAGAGACTGGGT-----TTCGCCATGTTGGCC	39591
Kakapo	ACAGTGGTTGGTTTT----TGTTTGTGTTATTTTACCTTAGATTTTATAGATTCTT-----TGTGTTTGTGATCTTC	12705
GoldenEagle	ATTGTGGTGGTTTTTG----TTCATTTGTACTTTAACTTATATTTGGACATTCTGTACCTACGTGCTTGTGATCTTC	13831
JapaneseQuail	GATGTGGCAGCTTCAG----TTTGTTTGGCTTATTTATTTTTGTTTTTAAACTTAAATTTGGACTTTTCTGTGATCTGT	11720
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ACAAATATTTTTCTTAGCTCTGGTATTACTGCTGTGCCTATTAATGAATAATTCTCTGTATAGACACCAGAATAGCTCCT	35472

Majority	AGTCTTGTTTTACGGTCTCAAACCTTGCTT-GA---T-CGGCACACAGCAGTTTGCAAAGATGGGGAAAAGAGTTAAGTGA	
	39770 39780 39790 39800 39810 39820 39830 39840	
Human	AGGATGGTCTTGCTCTCTTGACGTTGTGA-----T-CTGCCACGTCGGCCTCCCAGAGTGTGGATTACAGGCCTGA	39664
Kakapo	AGTCTTGTAAACAAACTCAGACTTGCTTTGATCTTTCAGAACACAGCAGTTGCACAGATGGGGAAAAGAGTTAAGTGA	12785
GoldenEagle	AGTCTTGTATACAATCTCAAACCTTGCTTTGATCTTTAGAACACAGCAATTTGCATGGATGGGGAAAAGAGTTAAGTGA	13911
JapaneseQuail	GTTTGTGATCTTTGGTCTCGAACTTGCTT-----GACACACAGCAGCTTGCAAAGATGGGGAAAAGAGCTAAGTGA	11791
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CGCCCCAGTTGAAGGGTGGAAAGATTCCA-GAGCTCGGGCGACAACCCAAGCT-CAGAAGTCTCCACAGCAGTGAACAG	35550

Majority	ACATTGCTCTTGGATCTTGCATTCTTTATTGAATCTGATGGACTATGTTCTTCAGAGATCTGAGTTTAGTTTCCTTATCT	
	39850 39860 39870 39880 39890 39900 39910 39920	
Human	GCCACTGCGCTTGACCTAGTTTACTATTTT----CTTACGGAGTTAAACATTAACCTATTTTATGGTCCATAACTTCTAC	39740
Kakapo	ACATTGCTCTTGGATCTTGCATTCTCCCTGAATCTGATGTGCTATGTTCTTCAGAGATCCGAGTTTAGTTTCCTTACCT	12865
GoldenEagle	ACATTGCTCTTGGATCTTCCATTCTTCATTGAATCTGATTCACTGTGCTCTTCAGAGATCTGAGTTTAGTTTCCTTATCT	13991
JapaneseQuail	AAATTGCTCTTGAATCTTCCATTCTTTATTGAATTTGATTCACCACGTTCTTCAAAGATGTGAGCTTGTTCCTTGT	11871
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	CCCCACAGCCCAAGCCCTGTGAGCCCGAGTCGACTGCTAGGGGCCAGGCATGAGATTTCTTTTGCTGTGTAGACATAACC	35630

Majority	CTGAAGCTCTCGATAGAATTTACCTGAATTGGTTGAAAGGTTTCTTTGCGTTGCAT-AATTTGACTAGCAGAACTGGTAT	
	39930 39940 39950 39960 39970 39980 39990 40000	
Human	TTTTAGTTTTTTACCAGTAAGAACATGTTTGTGCTGTAACACTTGTATGTGTATCAAAAACCTTTACTGATAATGGTCCCAA	39820
Kakapo	CTGAAACACTCGAAAGAATTTACCCGAATAGGTGGAAAGGTTTCTTTGCTTTGCAC-GATTTGGCTAGCAGAACTGGTGG	12944
GoldenEagle	CTGAAACACTCAATAGAATTTACCTAAATAGTTTAAAGGTTTCTTTGCATTGCAT-AATTTGACTAGCAGAACTGGCAT	14070
JapaneseQuail	CTGAACCGCTCGATAGAATTGACCTGAACT---TAACGGTTTCTTCGTGTTGGAT-GATTTGACTATTGGAAGTGGTGT	11946
MediumGroundFinch	-----	0
GoodesThornscrubTortoise	ATAAGGTCAGGGGCAAAGCATCTGCTACTGTGTGGATTCTTCTTCCCCTCCGTCAGTGGGGGTGCCACTACTGGAAT	35710

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Majority      GCTTGA---GAATAAGACTAGTGTATGTT--CAAGATGCT-TGGGAAATGGGTTATAAATCTGAAATTTATGTGTGAGAG
              40010   40020   40030   40040   40050   40060   40070   40080
Human         ACTTGA---AATAACCCAAATGTTTATCAACAGGAAATGGATAAATGTGGTATAATCATATAGTATATTACTION-- 39894
Kakapo        GCTTGA---GAATAAGACTAGTGAATGTT--CAAGGTGCT-TGGGAAATGGTTTATCATTCTGAAATTCATGTGTGAGAG 13018
GoldenEagle   GCTTGA---GAATAAGACAAGCAAATGTT--CAAGATGCT-TGGGAAATGGGTTATAAATGTGAAATTTGTGTGTGAGAG 14144
JapaneseQuail GCTTGA---GAATAAGACTACTGTGTGCC--CAAGATACT-TGGGAAGTGAGCTGTAATTCTGAAAT-CATGTA----- 12013
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseACTGCATCCAGTTCTGCTGTTTACATTTT--TAAAAGGATGTTGAAAATTGAAGAGGGCGCAGAGAGGAGAGAAACAG 35788
    
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Majority      TGCTGGG--TGATGAAGAGCTTTGCCCTTGAG-CAAATGCCAG-GCCTTTTTGGCTTAGCACCCCTCTAAAAGAAAATG
              40090   40100   40110   40120   40130   40140   40150   40160
Human         TACTAATAACAAAAGAATGGTTAGTAGTACATGCGAAAACATGGGTGAATAGTAAGCATTGTATGAAGCAAAGAAACCA 39974
Kakapo        AGCTGGG--TGATGAAGAGCTTTGCCCTTGAAACAAGATGCCAC-TCCTTTTTGGCTTAGCACCCCTCTAAAAGAAGATG 13095
GoldenEagle   AGTGGAG--TGATGAAGAGCTTTGCCCTCGGAG-CAAGATGCCAG-GCCTTTTTGTCTTAGCACCCCTCTAAAAGAAGATG 14220
JapaneseQuail --C-----AAGAACGTTGCCCTTGAAG-TAGAGTGCAAG-GCCTTTTTGGCCTATCTCCCTCTAAAAGAAAATA 12078
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATTGAGGCCTGGAAAAATGCCTTACTGTGAGAGACTTAA-GCTCA-ATCTGGTTAATTTATCATAAAGAAAATGAGAGTG 35866
    
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Majority      CACATAAAACCAAAGC---CAAGCGCC---CCAAACCTCAAATGT---ATAA-----AGTCTTTTCTTTG----C
              40170   40180   40190   40200   40210   40220   40230   40240
Human         GACAGACCTGAAAGAGTACATAGTGTGATTCCATTTCTTGAAAGTTAAGAGCAGATCATTAAATTTTTGTTTAGAAACC 40054
Kakapo        CACATAAACCCAAAGC---CAAGCACC---CCAAACCGCTAATTGC---ATAA-----AGTCTTCTCTCTG----C 13153
GoldenEagle   CACATAAAACCAAGC---CAAGCACC---CCAAACCAAATGA---ATAA-----AGTCTTATCTCTG----C 14278
JapaneseQuail CACATAAAACTGGTC---CAAACGC-----ACAAGTTG---ATAA-----AGTCTTCTCTTTG----C 12127
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATATGAGCGTAAGTGGATAAGTGTGTTGTGCCGGAAGTCAGATTTCTGATCATGATCATGATGGTCCGTCTGAC----C 35941
    
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Majority      TGAATGTATGTGATTAAG---AAGTATTTATG--TCTGTGCTGTAATTCAGTAGGTGCTTCTGTGCAT-GTAGTAGTGTC
              40250   40260   40270   40280   40290   40300   40310   40320
Human         AGAATGTTGGAGATTAACA-GAAAGGGAATATGGTGGCATTCTTCTGGTGTGATGGAAACGTCCTATGT--TAATAAACTA 40131
Kakapo        TGAATAAATCTAAGTAAAG---AAGTATTTATG--TCTGTGCTGTATTTCCAGGAGGTGCTTGTGCCAC-GTAGTAGTGCC 13227
GoldenEagle   TGAATAAATGTAAGTAA-----GTATTTATG--TCTGTGCTGTAATTCAGGAGGTGCTTCTGTGCAC-ATAGTAGTGCC 14348
JapaneseQuail TGAATGGATGTTTTAAAAA---AAATAAAGTTGG-CCTCTGTTGTAATTTCTGAGGTGCTTATGTCATTATAGCAGTGTC 12203
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATAAAGTCTATGATTAGTGTAGAAGTATTTTACAGGGAGACTATAAAGCACTACAGGGTCTTTAAT-GTAGCAGAGAA 36020
    
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Majority      AGTTT-AAAGAGAA-CGCAT--TTGCTTACTTGAAATGCTTATATTAATGCTTT-ATTAGACAGCTGTCATCTTAAGA
              40330   40340   40350   40360   40370   40380   40390   40400
Human         AGTTGCAAAACAAATCCAAAAGTTGTTTGAAGCAGTAGATTATCTCTGAGAACTCTGAATTTCCAGTAGTTGTGTCTTGC 40211
Kakapo        AGTCTGAAAGAGAA-CGCAT--TTGCTTACTTGAAATGCTTATATTAACAGCTTT-ACCAGATAACTGTCATCTTAAGA 13303
GoldenEagle   AGTCT--AAGACTA-CGCAT--TGGCTTACTTGAAATGCTTATATTAATGCTTT-CTAGACAACACTGTCATCCTGAGA 14422
JapaneseQuail AGTTG-----ACTTACTTGAAATGCTTATATTAATGCTTT-GTAAACAGCTGTCATCTTATGA 12263
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseAGGTATAACAAGAA-CGAATGGCTGGAAGTTAAAGCTAAACAAATACAAATAGAA-ATAAGATACAGATTTTTAACAGT 36098
    
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Majority      TAA-CCTTTTTGAAGTAAA-TGGCAATTACCAGGCAG-----TTA-CTGCTTTTGATTT-TGTAATTTAACTGGTCTGT
              40410   40420   40430   40440   40450   40460   40470   40480
Human         TGTAATGAGAAATATGAGATTGGGAATGACTAGGTGAGTCCATGTAGCAGGGGCCTAGATGTGGGATTTGATGTGTGTGT 40291
Kakapo        TAGCCCTTTTTGAAGTAAA-AGACAATTACCAGGCAG-----TTA-CTGCTTTTGATTT-TGTAATTTAACTGCTCTGT 13374
GoldenEagle   TAATCCTTTT-GAAGTAAA-TGACAATTACCAGGCAG-----TTA-CTGCTTTTGATTT-TTTAATTTAACTGCTCTGT 14492
JapaneseQuail GA--CCTTTTTGAAGTAAA-TAGCAATTAACAGCCAG-----CTAACTGCTTTTGATTTCTGTAATTACTCTGTTTTCA 12334
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseGAGGTTCAATGAGACAAACTACCAATAAAGAGTAGG---ATTCTCCGGCTTTTGATGTTTTTAAAT---CGAGACTGG 36172
    
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Majority      GTGCGAGTGTGTTTTGTTTCTTTGCGTG--TTTTAGGTTACATATTTGAATGAAGTGCA-----GAGGTTTCTATGCTG
              40490   40500   40510   40520   40530   40540   40550   40560
Human         GTGTGTGTGTG-TGTGTGTGTGTGTGTGTGTGTAGCTTGGACTTTAACAGATTTACATTTTAGAAAGAATTTTGTTC 40370
Kakapo        GCCGAAGTACGTCATGTGTCTTAA-----AGTTTTACATACTGAATGAAGTGCA-----GAGCTATCTAGGCTG 13438
GoldenEagle   GTCCAAGTGTCTTTTGCAGCATAGCTGG--TTTAAAGGTTACATACTGAATGAAGTGCA-----GAGGTGTCTAGGCTG 14564
JapaneseQuail AGTAGACTGTGACTTCTTTTGCTGCATGGCTGTTAAGTTACATATTTAATGAGGTACA-----GGGGTTTCTATGCTG 12408
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATGCCTTTATGCTTTAATCAAAATACAG--TTATTGGGCTCAGTATGGGGATAAATGAG-----TGAAATTCTATGGCC 36244
    
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Majority      CTTATGAACTT-ATAGGGAAAATAATCATGTATATTTGGTAG-GT-ATTTTTCATACA-GTATATGATACCTTTGTTTT
              40570   40580   40590   40600   40610   40620   40630   40640
Human         CATTGTATTTTACAGGTAGGATCAGTATTGTATAGAGGGGAGAAT-AGTTTTAAAACATTACGGTAGTTTATTCCAAAG 40449
Kakapo        CTTAAGAACTG-ATAAGGAAAAGAACCAGGTATATTT--A-----ATTGCTCACATG-GTAAGAGATATCTTTGTCTT 13508
GoldenEagle   CTTAAGAACTG-ATAAGGAAGAATAGCCATGTATATCTAGTAAGGTCATTGGTCGCACA-GTACATGATACCTTTGTCTT 14642
JapaneseQuail CTTACAAACCT-ATGGGGAAATGTGATGATGTATATAAGACAGTGT-GCTCTGCTTACA-TTATAAGGTATGTTTGTTTT 12485
MediumGroundFinch ----- 0
GoodesThornscrubTortoiseATTTTATAC--ATGGGGCAGACTAGAAAGCCTAATGATTCCTCTGACTTTAATATATGAATATAATGCTGTAGTTAT 36321
    
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Majority      TTCC--AAAAGCTTGGCAAGTATGTCTCTGGGAGGGAGTTTGCAGAAGTTTGCCTATACGCTTGTGATTTTCATGGTGAAC---
              40650      40660      40670      40680      40690      40700      40710      40720
Human         ATACCAAGGTCCTGAATTTTAGGGTCTTGAAGGAGAATGCAGGAAATGATAAAAACG--AGTTATCTGGAAGAAGACAAG 40527
Kakapo        TTCC-CAAAAGCTTGGCAAATACATGTGGGAGCGAGTTAGCAGAGGTTTGCCTACGTTGTGATTTTCATGGTGAACCTCG 13587
GoldenEagle   TTTAGTAAAAGCTTGGCAAGTATATATGGGAGTGAGCTAGCAGAGGTTTGCCTATACGTTTGTGATTTTCATGGTGAAC--- 14719
JapaneseQuail ACCA---AAAGCTTAGCAAGCATGAATGGGA----GTTTGCAGAAATCTGTCACATGCTGTTGGTTCATGGTGAAC--- 12555
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GACTG-AGAGGCTACCCTCACTGCTCTGAAGAGTTGAAGATGGTAGACTTCTCCATTCTCTCCCTTCATGGAATTCTCC 36400
    
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Majority      -----AT-CCAT-ACAGAGATCTGTACA---TTTGTACTTAGGTTTCGTGAACATTGATTTATGACAGTAAAATAAATG
              40730      40740      40750      40760      40770      40780      40790      40800
Human         TTTGGAATAATATTAAGAGTTTGTCTTAGAATCACTGGGTTGGTAGAAGATGATGCCATTAACAAAGGGGGAAAAGTA 40607
Kakapo        AAGAACATGCCAT-ACACAAACCTGGACA---TCTGTGAATCAGGCTCGTGAACACTGATTTGTGACAATAAACGAATG 13663
GoldenEagle   -----ATTCCAC-ATACAAACCTGTACA---TCTGTGACTCAGACTTGTGAACACTGATTTATGAGAACAAAACAATG 14789
JapaneseQuail -----C--CA--GGTTTACAACAGTAAAATAAATG 12581
MediumGroundFinch ----- 0
GoodesThornscrubTortoise GATAACAACCTCAG-GCTGGGCTCTGAGAGGATTTTTTACATAAGTGCCTGCCTATTGATTTATCTATGGACTTGTTTA 36479
    
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Majority      TAGAATTTATGATAGATGCTGGTGTAAGGAATTCACATT-TGCT--TGTTCTTCTGAAGCAAACTGTTATAACTTTTTTC
              40810      40820      40830      40840      40850      40860      40870      40880
Human         GGAAAAGGAGACTCGTTTTTGGTGGGAAAAAGAATAATCCGCTACTGTTCTGTTTTTTTTTGTGTTGTTTTTGTGTTTTT 40687
Kakapo        TAGGATTTATGATAGATGCCACTATAAGGAATTCACATT-TGCT--TGTTCTTCTGAACAAAACCTGTTAAAACCTTTCC 13740
GoldenEagle   TAGAATTTATGATACATGCCAATATAAGGAATTCACGTT-TGCT--TGTTCTTCTGAAGCAAACTGTTAAAACCTTTTC 14866
JapaneseQuail CTG--TTTATAATATGTGCTGGTGTAAGAACTCCCGT-----GTTCTTCTGAAGAAAAAC--TTGTAATTTTTTC 12648
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @CAA--TTAC-ATAGATTTGTCTCTGGTCTCTGGCACCATATT--TGTTCTCCCAAACCTTTGTC-ATATGACCTCTGA 36553
    
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Majority      AAGTTTAATGACTAAATCTTGTGATTGTCTCTG---AATGTATTCGTGAGATGTTAAATG---TGTTTCAAATGAAGAG
              40890      40900      40910      40920      40930      40940      40950      40960
Human         ATTTTTTATTGATCATTCTTGGGTGTTTCTCGCAGAGGGGGATTGGCAGG-GTCATAGGA--CA---ATAGTGGAGGG 40760
Kakapo        AAGTGTAATGACTAAATCTTGTGATTGACTCTG---AATGTATTCATGACATTCAAATG--ATGTTTCAAATGAAGAG 13815
GoldenEagle   AAGTGGAATGACAAAATCTGGTGATCGACTCTG---AATGTATTCATGAAATGCAAAATGGTATGTTTCAAATGAAGAG 14943
JapaneseQuail AAGTATAATGACAAAATTTTATAACTATCTACATC-AGCGTTATCGTGAGATGTTAAAT--CATTTCAAAATGGAAAG 12724
MediumGroundFinch ----- 0
GoodesThornscrubTortoise @AGTTTCACAGTTTCATCTGCTTGTAGTTCCTTTAGAAATTGTAGGTAAATGTTAAATGGC-TTTGCTGACATGAATGA 36632
    
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Majority      AAAACTCTTTA-----ATTGTTTCATTAAACACAAA--TACAG-TAACTGAGT--ATCCACTCTGTTGAGTA-ATTTGTG
              40970      40980      40990      41000      41010      41020      41030      41040
Human         AAGGTCAGCAG-----ATAAACAAGTGAACAAAGGTCTCTGGTTTTCTTAGGCAGAGGACCCTGCGGACTTCCGCAGTG 40834
Kakapo        AAAACTCTTC-----GCTGTTTCATGAAACACAAAATAACAG-TAACTTAAT--ATCCACTCTGTTGAGTA-ATTTGTG 13884
GoldenEagle   AAAACTCTTTTA----ACTGTTTCACAAAACACAAA--TACAG-TAACTGAAT--ATCCACTCTATTGAGTA-ATTTGTG 15012
JapaneseQuail AGAACTTTTAAA-----ATTGCTCTTAAAAACA-----TAACTGAGT--AGCCACTCTATTTGGC---TTGGTG 12782
MediumGroundFinch -----ACTGTTTCATGAAACACAAA--TACAA-GAACTGAAT--ATCTACTCTGTTTAGTA-ATTTGTG 57
GoodesThornscrubTortoise AAGGTCATAGCTCAGTTCATGTTGACTTGAATATTTAGCATCAA-GTACAAAGTGCATCTTATTTGAAAAGTTTGCTTATG 36711
    
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Majority      T---TCCTTTTGGATTTTT---CTGCTGTG-GATTAAGAAATTAA-C---AGGTTTTCTTAAAGC--CTGTTTTACTA
              41050      41060      41070      41080      41090      41100      41110      41120
Human         TTTGTGTCCTGGGTCCTTGAGATTAGGGAGTGGTGATGACTCTTAAACGAGCATGCTGCCTTCAAGCATCTGTTTAAACA 40914
Kakapo        C---TCCTTTTGGATTTTT---CTGCTGTG-GTTAAGAAAT-----GGCTTTT-GAAGGC--CTCGTTTACTG 13944
GoldenEagle   C---TCCTTTTGGATTTTT---CTGCTGTG-GATTAAGAAATTAA-C---AGCTTTT-AAAAGC--CTGATTTACTA 15076
JapaneseQuail T---TGATTTTGGATTTTTT---CTGCTGTG-GTTAAGAGACGTATC---AGGCTTTC---ATCG--TGGGTTTCTTA 12847
MediumGroundFinch C---TCCTTTTGGATTTTT---CTGCTGTG-GATTAAGAAATTAA-C---AGTTTTTTTGAAGC--CGGATTTACTA 122
GoodesThornscrubTortoise TAGATATTTTCTAAAATATTA--CTGACCTGTAAATATGAAATGAAGTTTA-AAAATGTCTTTCAGC--CAATGGTAATG 36786
    
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Majority      GGAACAA---GAAGTTCAT-----GTAA-----TCATTCTTGTGTTCTGCTAGTCAG-CAGTTGCTGGTT
              41130      41140      41150      41160      41170      41180      41190      41200
Human         AGCACATCTTGACCCGCCCTTAATCCATTTAACCTGAGTGGACACAGCACATGTTTCAGAGAGCACAGGGTTGGGGGT- 40993
Kakapo        GGAGCAA---GAAGTTCAT-----GTAA-----TCACTCTAGTGTCTGTTAGTTAG-CAGCTGCTG--- 13997
GoldenEagle   GGAGCCA---GAAGTTTAT-----GTAA-----TCACTCTTGTGTTCTGCTAGTCAG-CAGGTGCTGATG 15132
JapaneseQuail GGA-----G-----GCA-----TTTTACATTCTGCCAGTTAG-AAATTGCTCATT 12886
MediumGroundFinch GGAACCA---GAAGTTTAT-----ATAA-----TCATTCTTGCACTCTTTCATTTCAG-CAGTTGCTGTTG 178
GoodesThornscrubTortoise ACAACAA---GAAATTCAAAGCAGAGGATAAAATGGATGGGGCTCCTTCTCGTGTCTTCATATCAGGAAATTGCCTGGT 36863
    
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Majority      TAAGTAACTTGTTGAAGCTGATGGCAATTTAA-TTTGAGATATTTTCAGATTTGTAAAGTTCCTGCAGGTTTTGGGAAGA-
              41210      41220      41230      41240      41250      41260      41270      41280
Human         AAGGTCACA-GATCAACAGGATAAGAATTTTT-CTTAGTACAGAACAAAATGAAAAGTCTCCCATGTCTACCTCTTTCTA 41071
Kakapo        -AAGTAACTTGTTGAAGCTGAAGGCACTAAAATTTGAGATATTTTCAGAGTTGTAAAGTTCCTGCAGGTTTGGGAAGA- 14075
GoldenEagle   GAAGTAACTTTTTGAAGCTGAAGACAGCTCAA-TTTGAGATATTTTCAGAATTGTAAAGTTCCTGCAGGTTTTGGAAAGA- 15210
JapaneseQuail TAGGCAACTTCTTGAAGACAGTTGGAATCAGT-TGT-AGG--TTTTAGATTTGTGGAGTTCCTGTAGGGTTTGGGAAGG- 12961
MediumGroundFinch TAAGTAACTTCTGAAGCTGGTGGCAATTGAAATCTGAGATATTTTCAGATTTGTGAAGTTCCTACAGGTTTGGGAAGA- 257
GoodesThornscrubTortoise GAAGTGACA-GAAACAGAAGTTATTGCTTTAGGCTTACCTTTTGGTAAGGTAACCAACATCCTGATGCTAAAAGGAAAAA 36942
    
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Majority      -TCATTCATTT-G---GTACTGGGGTTGCTTCTGTGTTTACATAGTAATTGCTGTACTGTTGCAAATTAATGCCTG---
              41290      41300      41310      41320      41330      41340      41350      41360
Human         CACAGACACG--GCAACCATCCGATTTCTCAATCTTTTCCCCACCTTTCCCCCTTTCTATTCCACAAAACCGCCAT--- 41146
Kakapo        -GCATTCATT-----GTACTGGGGATAACAAT-----ACATAGTAATTGCTGTACTGTTGGAAATGAATGCCTG--- 14137
GoldenEagle   -CCATTCATTT-G---GTACTGGGGATGCTTCGGGTGTTTACATAGTAAATGCTGTACTGTTCCAAATTAATGCCTG--- 15282
JapaneseQuail -TCATTCATTC-ATCAGTACTGGGGTTGTTTCAGCTCTTTGTGTAGCATTGCTGTACTGTTGCAAACCTGATGACTG--- 13036
MediumGroundFinch -GCATTCATTT-G---GTACTGGGGTACTTCAGCTGTTAATGTAGTAATTGCTGTACTGTTGCAAATTTATACCTG--- 329
GoodesThornscrubTortoise@TCAGGTATTCTGCTGTTTCAGAGTTCATTATAGTACAATGATTAAGTATTTTCTAATTCCAAATATACTGGTAAAA 37022
    
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Majority      GCTTATTAAGGGA-A--CCAAATATGCTGCTGAATTATCTTAATATGCTTGACTATGAACTGATTCAGTGTCTGCTGCTA
              41370      41380      41390      41400      41410      41420      41430      41440
Human         TGTCATCATGGCCCGTTCTCAATGAGCTGTTGGGTACACCTCCCAGACGGGGTGGTGGCCGGGCAGAGGGGCTCCTCACT 41226
Kakapo        GCATGTTAAGGGA-A--GAAAAAATGCTGCTGAGTTATCTTAATATGCCTGACTATGAACTGATTTAGTCTCTGCTGCTG 14214
GoldenEagle   GCGTATAAAGGA----AAAAAATGCTGCTGAATTATCTTAATATGCCTGACTATGAACTGATTCAGAGTCTGCTGCTA 15357
JapaneseQuail GCCTATTAGGGAA-AA-CCAAATTTACCACTGAATTTATTTAATTTGCTTACCTCCGAATGGATTCTGTCTCTGCTG--- 13111
MediumGroundFinch TCGTATTAAGGG----GGAAAAATGCTGGTGAATGATCTTGATCAGCTGGACTATGAGCAGATTCAGTGTCTGCTGCTA 404
GoodesThornscrubTortoise@CTTACTAAGATT-AATCCAGATGTAATGGTAAATAA--TAAAAATGAAAAGTCTTGCAATCTTTCAGTTTGCATTCTCT- 37098
    
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Majority      CTCTGCCTGTTTCAGTTGAGCT-----GTCCAGTCTACAGACGAGGGCTTCCAAGCAAGGCTA-----GG
              41450      41460      41470      41480      41490      41500      41510      41520
Human         TCCAGTAGGGGCGGCCGGGCAGAGGCGCCCTCACTCCCAGTAGGGGCAGCCGGGCAGAGGCGCCCTCACCTCCCGG 41306
Kakapo        CTCTGCCTATCCAGTTGAGCT-----GTCCAGGCTACAGACAAGGGCTTCCAACAAGG----- 14269
GoldenEagle   CTCTGCATATTCAGTTGAGCT-----GTCCAGTCTACAGACCAGGCCTTCCAAGCAAGGCTA-----GG 15417
JapaneseQuail CCTCTGACTATTGAGTTGAGAT-----TTCCAGACTAGAGATGAGGACTTTCGAGCAAGGCTG-----GA 13171
MediumGroundFinch CTTCGGCCTGTTTCAGCTGGGCT-----GGCCTGGCTGCAGACCAGGGGCTCCAAGCAAAGCTA-----GA 464
GoodesThornscrubTortoise@TTTTCATGTGCTCCATACTATTT--CTAGTCTATTTTATATTAGAAAGCAGTGAAGGGCTAATA-----GT 37162
    
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Majority      T--GGGTAGCTG--CAAGCAGAAGGA--ACTGCTGTT---ATCA-CTGAGTGAGCTAATA--CTGTTAGTAGTCTTGAAC
              41530      41540      41550      41560      41570      41580      41590      41600
Human         ATGGGGCGGCTGGCCGGGCGGGGGCTGACCCCCCACCTCCCTCCCGGATGGGGCAGCTGGCCGGGCGGGGGGCTGACC 41386
Kakapo        -----AAGGA--ACTGCTATT---ATCA-CCGAGTGAGCTAATA--CTGGTAGTAATCTTGAAC 14320
GoldenEagle   T--GGATAGCTG--CAAGCAGAAAGA--ACTGCAGTT---CTCAACTGAATGAGCTAATA--CTGCTAGTAATCATGAAC 15486
JapaneseQuail T--GAGTAGCTG--TGAGCAGAAATA--ACAGTTGT---ATTA-CTGAGTGAGC-AGCA--GTGTTGACAGTCTTGACC 13237
MediumGroundFinch T--GGGTA-TTG--CAATCAGAAGGA--ACTGCACTT---ACCA-CTGAGTAACCTAATG--CTGCTAGTAAACTTCAAC 531
GoodesThornscrubTortoise@CAGAGCAGATGA-CACTCAAAAAAAT-ATGGCTTTCAG-GCTAACCATTTAGGCTAAC---CTCTTCAAAGGTATCATT 37236
    
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Majority      TTTGCAGTATTCTACCCA----TGTAATATTAT-GTTAGA---AAAA-TAGGACATTGAAG----AGAAAGAGTGAATG
              41610      41620      41630      41640      41650      41660      41670      41680
Human         CCCCCACCTCCCTCCCGGACGGGGCGGCTGGCCGGGCTGGGGGCTGACCCCCGCCACCTCCCTCCCGGACGGGGCGGCTG 41466
Kakapo        TTTGCAGTATTCTACCCA----TGTAATATTAT-ATTAGA---AAAC-TAGAACCT-----AGTG---- 14372
GoldenEagle   TTTGCAATATTCTACCCA----TGTAATATTAT-GTTAGA---AAAA-TACAACATTGAAG----AGAAAGAAGGAATA 15553
JapaneseQuail TTTAGGGTACTCTGCCTG----TGT-----GTTAGA---GGAA-TGGGCCATTAGAG----AGGAAGAAGAAATG 13295
MediumGroundFinch TTTGCAGCATTCTACCCT---TGTCAATATTAT-GTTAGA---AAAAGTAGAACGTGAAAG----GGAAGAATG---- 595
GoodesThornscrubTortoise@TATGTGCACAAACCCA---GTTTGCTAAACTGGGCAGACTTAAAATGGTGTCTTTGAAT----ATATGAGGTTTATT 37308
    
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Majority      -TTTATGTTTCGACTTATAACCGAGT---T---T-TAGTGTATTATA-TTTGCAGTACAAAGCAG-TGTAGTTTGAATAATA
              41690      41700      41710      41720      41730      41740      41750      41760
Human         GCCGGGCTGGGGGCTGACCCCCGACCTCCTCCCGGACGGGGCGGCTGGCCGGGCAGAGGGGCTCCTCACTTCCCAGTA 41546
Kakapo        -----CCTGGGTGG-----GTGTATTATA-TTTGAAGTAGAAAACAG-GGTAGTCTAAATAATG 14424
GoldenEagle   TTTTATGTTTCAACTTATACTGAGTGCCTGGGTTAGTGTATTGTA-TTTACAGTACAAAGCAA-TGTAGTTTGAATAATG 15631
JapaneseQuail -TTTGTGTAGCCATTTGTACTGATT---T---T-TAGTGTATGATA-CTAACAGTACAGAGCAA-TCTAGGCTGACTAATA 13366
MediumGroundFinch -TTTATGTTTCAACTTACACCT-----GCATGTTATG-TCAGTAGTAGAAAAGCAA-TGTAGTTAGAAAAACA 659
GoodesThornscrubTortoise@GCCAACTACGGACCCATTTCAGAGAGCTTGGTTTTGGTTTTTTT-GTTTTTGTGTTTGGG-GTTTTTTGGGGTAAAA 37386
    
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Majority      GA-GAGTTTCCATA-ACTT-CCTCTAACTTGTTTCTCAGTTTTAT---CCAGCTAAATTTTTCCTTAGTTATATCTGAT
              41770      41780      41790      41800      41810      41820      41830      41840
Human         GGGGCGGCCGGGCAGAGGCGCCCTCACCTCCCGGAAGGGGCGGCTGGCCGGGCGGGGCTGACCCCCCACCTCCCTC 41626
Kakapo        TA-GAGTTTCCATA-ACTT--CTCTAATTTGTTTCTCAGTTTCAC---CCAGCTAAATTTTTCCTTAGTTACATCTGAT 14496
GoldenEagle   GAAGAGTTTCCATA-ACTT--CTCTAACTTGTTTCTCAGTTTTGT---CCAGCTAAGTTTTTTCCTTAGTTATATCTGAT 15704
JapaneseQuail AA-GAGTTCCATA-ACTT--TTCTGACATATGTCTTAGTTCCAT---CCAGTTACATATTTTCCTTAGTTCTATCTGAT 13438
MediumGroundFinch GA-GAATTTCTATA-ACTTGCCTATAAATTGCTTCTCAGTTCTAT---CTAGCTAAATTTTTC-TTAGTTATATCTGAT 732
GoodesThornscrubTortoise@ATGAAATCTTATC-AAATCCCTTTATATGTGAATGTGTTTTATT---CTAGCAATACAAAGTGTAATAGTGTGTA 37462
    
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Majority      TAGAAATGTGTCCTTACA-TTGAGAAGGATAACACATGGTCC----TTCTCATGGTCTGGCTAATCTTGGTATTAGGT
              41850      41860      41870      41880      41890      41900      41910      41920
Human         CTGGATGGGGCGGCTGGCCTGGCGGGGCTGACCCCCACCT-----CCCTCCAGACGGGGTGACTGCCGGGCGGAGAC 41700
Kakapo        TAGAGATCTGTACTTACA-CGGAGAAGGACAACACATGGTCC----TTCTCATGGTCTACTTAGTCTTGGTATCAGGC 14570
GoldenEagle   TAGAGATCTGTCATTATA-TTGAGAAGGACAAGACATGGTCC----TTCTCATGGTCTACTTAATCTTGGTATTAGGT 15778
JapaneseQuail TGGATATATA-CTTTGCA-CTGAGAACAAGAAGAC-----TTCTCA-----GTATTAGCT 13486
MediumGroundFinch TAGAAATGCATCCTTACA-TGAAAAGAAAAACACATAGTCC----CTCTCATGGTCTGTCTGATCTTGGTATTAGGA 806
GoodesThornscrubTortoise@ACTATATTATTATAATTATTATTTTAATCTTGCTTTATAGGCTTTTTTGGAGCTGGC-AACAGAAGAAGCAGCT 37541
    
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Majority	GTTACTCAGTTTTAAAGGAAATCTGTTGT-----TGATTTGATAGGCA--CA-GCTTTGTTGGTTGCTATGTACCCTT	
	41930 41940 41950 41960 41970 41980 41990 42000	
Human	GCTCCTCACTTCCCAGACGGCGTGGCTGCCGGGCGGAGGGGCTCCTCACTTCTCAGATGGGGCGGCTGCT--GGG--CGG	41776
Kakapo	ATTACTCAGTTGTAAAGGAAATGTGCTGT-----TGATTTGATAGGC---A-GCTTTGTTGGCTGCTGTGTACCCTT	14638
GoldenEagle	GTTACTCAATTTTTAAAGGAAATCTGTTGT-----TGATTTGGTAGGCA--CA-GCTTTGTTGATTGCTATGTAGCCTT	15848
JapaneseQuail	GTCATTTATTTTCAGAGGAAGTCAGTTGG-----CAATGTGATGGGCA--CATGTTTTGTTGGTTG-----TT	13547
MediumGroundFinch	ATGATGCAATCTTAAGGGAG--CTCTTGC-----TCATTTGATAGGCG--CA-GCTTTGTTGCTTGCTATGTACCCTT	874
GoodesThornscrubTortoise	ATCACTATGGTTAATTACTATTCGCTGTGACACCTCATCTTCGTAACCAACCCATCTATATTCAGTATTCTA-ATCATA	37620

Majority	AAGAGCTTAGAGTATTCAATAAACTGTA-TCAAGATTCTTCAGAGCTGATGTTGAAAACCTGAGTAAA---CTTTAATGG	
	42010 42020 42030 42040 42050 42060 42070 42080	
Human	AGGGACTCCTCGTCTCTCAGATGGGGCGGCCGGGCGGAGACGCTCCTCACCTCCCAGACGGGGTCGCGGCCGGGTAGAGG	41856
Kakapo	AAGAGCTTAGAGTACTCAGTAA-----GGTCTTCAGAGGTGATGTTAAAAACTGAGTAAA---CTTTAATGG	14703
GoldenEagle	AACAGCTCAGAGTATTCAATAAAGTGTGTA-TCAAGATTCTTCAGAGCTAATGTTGAAAACCTAAGTAAA---CTTGAATGG	15923
JapaneseQuail	AAGAGTGAAGAATCTTCCATAAGCTGCA-TGAAGATACTACAGAGCTGATGCTAGAAATTGCAT-----CTTTAATG-	13618
MediumGroundFinch	ACAAGCTTAGAGCATTTCAGTAACTGTA-TAGAGATTCTTCAGAGCTGATGTTGAAAACCAAGTAAA---CTTTAATGG	949
GoodesThornscrubTortoise	AAGAGCTAAAGACTGATAATACACTAAA-CCAGGTATATTTACTGTT-ATGGAGTATAACAAATGC-----ATACAATAG	37693

Majority	CTCTGTGTGTGTA-TACACA-TACGTACTACTCTTAAGAGCT----AT-TCAG-TG----T-ATTTAAACTGTAACATA	
	42090 42100 42110 42120 42130 42140 42150 42160	
Human	CGCTCCTCACATCCCAGACGGGGCGGGCGGGCAGCGCGCTCCCCACATCTCAGACGATGGGCGGCCGGGCAGAGACGCT	41936
Kakapo	CTCTGTGTGTGCAACACACA-TACGTACTACTCTTAAGAGCTTCTGTATTTTCAGGTG----TGAATTAACCTGT--CATA	14776
GoldenEagle	CTCTATGCGTACA-TACACAGTATATACTATTTTTAAGAGCTTGTGGATTTTCAGGTGTGGATTAACAAACTTTAAGATA	16002
JapaneseQuail	-TCTGTGTATGCA-TACGTA-----CTGCTCTTAAGAAC-----CTTTGGATGTCAGGTG	13666
MediumGroundFinch	CTCTATATGTGTG-TACACA-----T-ATATAAACTTTAACATA	986
GoodesThornscrubTortoise	AAATTAAGCTTAGCATACTTCAACTATACACTATGTAGCC-----A-TGAATATATTTTTATATAAACCAA	37761

Majority	CTGTTCTT--TTTATGGACACACATACAGTGCCTATGTTAAAATGGTAAAGGTTTGATTTT-ATGCGTCTTGCAACTGT	
	42170 42180 42190 42200 42210 42220 42230 42240	
Human	CCTCACTTCTAGATGGGATGGCGGCCGGGAAGAGGCGCTCCTCACTTCTAGATGGGATGGCGGCCGGGCAGAGACCTC	42016
Kakapo	ACGTTCTA--TGTATGAACAC--ATACAGTGCCTAGGATTAATGGGAAAGGTTTGATTTT-ATGCATCTTGCAACCGT	14851
GoldenEagle	CTGTTCTG--ATTATGAGCACACATACAGTACACTATGGTAAAATGGTAAAGGTTTGATTTT-ATGGATCTTGCAACTGT	16079
JapaneseQuail	CCATTTT---TGTGTATATATACACACAGAACATTGTGTTCCAATGCTAAAGGTTTGATTTT-----A----TGC	13729
MediumGroundFinch	CTGTTCTC--TTTGTGGACACAAATCTAGTGCAGTATGAGAAAAAGGTAAGGTTTGATTTTGTAAAGTCTTTCAACTGT	1064
GoodesThornscrubTortoise	ETTTATTT--CTGATAGCTGCA-GTTTATTGTAATATATAAAAGACATAGAGTCTGGAATTGTACATGTTGCAATTACAT	37838

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Majority	GCT-GTCTCTAAAGGTGGTATTCT--CAGGTTAATT---TAGTATGCAG-TATTGAGGTGCCTTGTA AAA-CATAT-TTA	
	42250 42260 42270 42280 42290 42300 42310 42320	
Human	CTTTCTTTCCAGACTGGGCAGCCAGGCAGAGGGGCTCCTCACGTTCCAGACGATGGGCGCCAGGCAGAGACGCTCCTCA	42096
Kakapo	GCT-GACTAGAAAGGTGAGATCCT--CCTGTTATTT---TAGTATGCAG-TATTGAGGTGCCGTGTA AAC-CACAT-TTG	14922
GoldenEagle	GCT-GCCTAGAAAGGTGATATCCT--CAGGTTAATT---TAGTATGCAG-TATTGAGGTGCCCTGTA AAA-CATAT-TCA	16150
JapaneseQuail	GC-----AGACAGTATTCT--TAGGTTAATT---TAGAATGTGG-TTTTGAGGTACTTTGCAGGA-CAT---TTT	13789
MediumGroundFinch	GCT-GTCTCTGAAGGTAATAGTCT--CAGATGAATT---TATTATGAAG-TATTGAAGTGCCTTGTA AAA-CATAG-TCA	1135
GoodesThornscrubTortoise	ATTAGAATTTTATTAATGTATTTT--ATGGTTAATTGTTTCTAATTAAA-TTTTGAATATTTTCATAAAATCAGTC-TTA	37914

Majority	CTAACTATTCTTGAGG-TTCTATTGTAGTGTCCACAACAGAATGAAATTCGTTTATTTTGTAAAGGAG-TGGGTAGTA--	
	42330 42340 42350 42360 42370 42380 42390 42400	
Human	CTTCCCAAACGGGGTGGCGGTGGGCAGAGGCTGCAATCTCGGCACCTTTGGGAGGCCAAGGCAGGCGGCTGGGAGGTG--	42174
Kakapo	CTGACTGTTCTTGAGG-TTCTCCTGTAATGTTCCACAACAGGATGAAGACCATT-----	14974
GoldenEagle	CTAACTATTCTTGAGA-TTCTATTGTAGTGTCCACAACAGAATGAAAAATGTTTATTTTGTAAAGA--TAGGTAGTA--	16225
JapaneseQuail	CTGCCTAGCATGGAGA-TTTTATTATAGTGCCCATAACTAAATGAGATGCTTTCACTTCTAAAAGGAGGTGAGCTGCA--	13866
MediumGroundFinch	TTAACTATTCTTGA---TTCTCTGTAGTGTCCACAACAGAATTAACCCATTTATTTTAATAAGGA--TGATAGAA--	1208
GoodesThornscrubTortoise	ATTATTGACTCTTGTT-TAGAAGTTACATGACTAAAACCTCAAGCTTCTTGTTCTGGCATTGAGAGTTCAGTACCATA	37993

Majority	---ACTTGTCTTCTTCTCATT---CCATTTTAGCAGTGACCTGGAT--TAGTGTAAAGGGTGTGTGGAACACTTTT	
	42410 42420 42430 42440 42450 42460 42470 42480	
Human	-GAGGTTGTAACGAGCCGAGATCAC-GCCACTGCA-CTCCAGCCTGGGC---ACCATTGAGCACTGAGTGAACCAGACTC	42248
Kakapo	-----	14974
GoldenEagle	---ACTCTTTCTTCTCATT---CCGTTTTAGCAGTGACCTGGAT--TAGTGTAAAGGGTGTGGGAAACTTTT	16296
JapaneseQuail	---ATTGGTTCTTTACTCTTT---CCATTGTAGTGGTGACCTGGAT--TGGTGTAAAGGCTGTGGAGGAAGTACTTTT	13937
MediumGroundFinch	---ACT-TTTTTTCCCTCATG---CCATTTTAGCAGTGACCTGGAT--TAGTCTTAAGGGTGTGTAGAAACTTTC	1278
GoodesThornscrubTortoise	GGGAATTGTGCCATCACTAATGCAGAGTCTACTCTCAGTGTGTTGAATCGTAAATTCGATAGTATTGATAACCTCAGTT	38073

Majority	TGAAGG---T-C-----GGGAAATAACTGATAAGAAATTC--ATAATGTTCAACGGATGTCAAGTTTATTC--C	
	42490 42500 42510 42520 42530 42540 42550 42560	
Human	CGTCTGCAATTC-CGGCACCTCGGGAGGCCGAGGCTGGCGGATCACTCGCGTGTAGGAGCTGCAGACCAGCCCGCCAAC	42327
Kakapo	-GGG---T-----T--T-----	14981
GoldenEagle	TGAAGGAAATACTTTTGAAGTGGGAAAGAACCAATAAGAAATTAAGATAATCTGCAAAGGATGTCAAGTTTATTC--C	16374
JapaneseQuail	TGAAG---T-----GGGAAATATGTAATAAAAA-----ATGTTTAAAGGTTGTCAAGTTTATTC--C	13990
MediumGroundFinch	TGAAG---T-----GGGAAAGAACCTGTAAGAAATTCAGATAATATTCAGGGATG---G-TTTA-----	1332
GoodesThornscrubTortoise	GTTTGGTCTGCTCTCTCCTACTGGACAGTTCCTGAAGAAAAATTC--TTAATGATCACCTTGGGAAAAATGTATTC--A	38149

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Majority      ATTTTAAAATTTTGTTTTTTTTAAAGATCACATGAATATTTTGTGGGCTTTTCGA-GCGAGGAAGTTTGGGAG-TTGACG
              42570      42580      42590      42600      42610      42620      42630      42640
Human         ACAGCGAAACCCCGTCTCCACCAAAAAAATACGAAAACCAAGTCAGGCGTGGCGGCGCGTGCCTGCAATAGCAGGCACTCG 42407
Kakapo        -----TTTGTTT-----GGGTTTTTC-----AGTTTTGG----- 15005
GoldenEagle   CCTTTAAAATTTTAAATGAAGGATCACCTAAATATTTTGGGGCTTTTGA-GAGAGGAAGTCTTGAGGGATTGAGA 16453
JapaneseQuail ATTTTAATAATTTCTTTTTTTTAAAGTGG---AAGATAATGTGTGTGTGTGAA-ATAAAGACCTACTGGGGT-TGGACA 14064
MediumGroundFinch -----AATATTTTGTATTGAAAGATCACATAAAGATTTTGTAGGCTTTTGA-GGGAGGAAGTCTTGAGAA--TGAAG 1404
GoodesThornscrubTortoise@TAACTGAGAATTTTGTGTTTGATCTTGGATGTGTATAGAACCAGGCTGTTCTT-TCAAAACAGTTGTAATACATTTTT- 38227
    
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Majority      AGGGGTTGAGGGATAAAAAGAAAAAGGGAAGGATAAAA--AGCAGGGAA---AGAAGCAAAGGCCTCTTTAGCTTTGTCA
              42650      42660      42670      42680      42690      42700      42710      42720
Human         GCAGGCTGAGGCAGGAGAATCAGGCAGGGAGGTTGCAGTGAAGTCAGATGGCAGCAGTACAGTCCAGCTTCGGCTCGTCA 42487
Kakapo        -----T-----T-- 15007
GoldenEagle   AGGGGTTGGGGTTAAAAGAAAAAGGGAAGGAAAAAAGGCATGAAA---AGAAGCAAAGGCCTCTTCAGCTATGTCA 16530
JapaneseQuail AGAAGTAAAAAAGAAAAAGGGGAGGGGGAGAGCAGCGAGGGGAGACAGAAGCAAATGACTCTTTAGCTTTTTCA 14144
MediumGroundFinch AGGG-TTGGGGCATAAAAAGAAAAAGAAACAACAA---GGTGTGAAA---AGAAGCA---CCTCTTCAGCTGTGTCA 1472
GoodesThornscrubTortoise---TTAATAGAACACGGAAGTGTTCACGATAACA-TAGCAGGG-----GCAGTAAAGGTCTTCGTAGTATTTGAG 38295
    
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Majority      --AGTGCC-TATCTTACAATAGTTTG--AGGGAAGGATTGTCTTGT-ACGTTTTTAATATGGATCTTTTTATGATTATT
              42730      42740      42750      42760      42770      42780      42790      42800
Human         TCAGAGGGAGACTGTGGAAAGAGAGGGGAGAGGGAGACCGTGGGGAGAGGAGGGAGGGGGAGGGGGAGGGGGAGGGGGAGG 42567
Kakapo        -----T-----GGGTGGGCTTGTTTTGT----- 15025
GoldenEagle   --AATGCC-CATCTCACAAAGTAATTTGATAGGAAAATATATCTTGT-ACATTTTCAATATAAACCCCTCCTCTGATTTTT 16606
JapaneseQuail --ACTATC-TGTCTTGTAAGTATTT---GAGGAAAAGTTTCCATAGAAATCCTGCTCTGGTTGTTTGTGGCCTACT 14217
MediumGroundFinch --AGTGCC-CATCTTACCATT--TGT---GGAAAGGTTATCTTGTATGTTTTTAATATATAACCCTCCT--GATCTTT 1541
GoodesThornscrubTortoise-GTTGCTGTATCCTACAAAGAATAGGGGAAAGAAGCATTGACTCCTCAGTGTGAAATGCTAATATCTTCATGTTTCATT 38373
    
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Majority      GCT---GTTCAATTTTAAAGT-CATTTTAGTGATGATT---GT--AATT-ATATTTAAGGTGT---TTTAAT--TATTGT
              42810      42820      42830      42840      42850      42860      42870      42880
Human         GCTGTTCTGTTTTTTTAACTATGCTTTAGGGATGATATATAATGTACTTCATGACCAAGGAATCAATCTAATCTTTTTGT 42647
Kakapo        ----- 15025
GoldenEagle   GCA---GCCAATTTTCGAGT-CATTTTTGAAAAGACT---GTTTAATTGATATTTACCATGT---TTTAAG--AATTAT 16673
JapaneseQuail ACT---ATTCAAAGC--GAT-CATTTACGTGATAATT---GT---C--ATATTTTAGGAGT---TATAGT--TGTTGC 14276
MediumGroundFinch GCA---GCTCAGTTTTAAGT-CATTC-----AT-----T--AATTTATATTTGTCATGT---TTTAAG--AACTGC 1596
GoodesThornscrubTortoise@CTTGTTCCCTTTTCTAT-CAGACTAATGCTGTCT---GTTGTGACAACTACAGTTTCT---ATTAGTC-TCTTGT 38444
    
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Majority	CATGAAGATGTAATTTTCTGCCCTAAGTTGTGTTTTTC---CAGGAAA--AATGA----ATGTCGCCAAAATGAGAATTG	
	42890 42900 42910 42920 42930 42940 42950 42960	
Human	AATGATGGCATAAAATTC--CTTTAAGCCTTGTTTTAATACAAGAAGTCAGTTTATTTAACCTCCATGTACAGAGGAAAT	42725
Kakapo	-----TTGGTTTTTT-----AT----A---	15038
GoldenEagle	GATGAAGAAGCAGTTCCCTGCCATAAATGTGTTTTTC---CAGGACA--AATGA----ATGCCCCAAAATGAAAATTG	16743
JapaneseQuail	C-TGTAGATGCTACCTTCTACCCTAAGTTCTGTTTTTC---CAGGACA--AATGA----CTGTCCCCAGATTGAGCAACG	14345
MediumGroundFinch	AATGAAGATGTAATTCCTGCCCTAAGTTGTGTTTTG---CAGAAAA--AATGA----ATGTCGCCAAAATGAAAATG	1666
GoodesThornscrubTortoise	ATACTTAAGTCATTT-CTAGTATA-ATAGTGTGTTA---ATGGCAA--ATTTTTTTTTATGTCTTTAAGAGAAGTTTTTC	38517

Majority	AC-GTTTCCT--G-----T-TTTCTGATAATCATTTATTTATTTGTTTTTTTTTTTTTTT-TTC-AATAGGGGT	
	42970 42980 42990 43000 43010 43020 43030 43040	
Human	ACTGAGTTTTAAGATTTTTCTATTTTTTTCTGACAAAAATGAAA-GTCTGCATATATTCTAAGAGACACCAATTTGAAT	42804
Kakapo	-----AATAGGGGT	15047
GoldenEagle	ACCATTTCCCTATGAAGGAAGATGAGTCTTCTTTTAATCTTTTTGTTTTGTTTTTTTTTTTTTTTAAATAGGGGT	16823
JapaneseQuail	ATAGCATTC-----CTGAAGACGAGTTTTTATTTTCTTTTTTTTTTTTCCCCAAAATAGGAAT	14405
MediumGroundFinch	A---TTTCAT-----TTCCTGTGATCATTAATAATTTGTTTTTA-----AATAGGGGT	1711
GoodesThornscrubTortoise	GGAAACCCTTGGTTGTTGTTTTTTCTTTCTGCTAAAATTAAGTTCAGTATTAATTTCCCTACCTGTTAGTACAAACAT	38597

Majority	GTTAGAA-TTGAGCTGAACCTCCGTATTTCTATTTGTAT---AGATTTCCCTTTTAGT-TTCAGCTAGATATAATAATTTA	
	43050 43060 43070 43080 43090 43100 43110 43120	
Human	ACTGTTG-CTTATAAGAGCAAAATAGCATAAAAGACCTTT--AAAAATGGTGATTATATTTGCCTGGAAA-AATACTCCA	42880
Kakapo	GTTAGAA-CTGAGTTAAACACCATATTTCTATTTGTAT---AAATTTCCCTCTTAGT-TTCAGCTAGA---ATCATGTA	15118
GoldenEagle	GTTAGAA-TTGAGCTAAACTCCGTATTTCTATTTGTAT---AGATTTCCCTTTTAGT-TTCAGCTAGATATAGTAATTTA	16898
JapaneseQuail	GCTAGAA-TTGAGCTGAACCTCACCCTTTATATTTGTGT---AGATTTCCCTTGATGT-TTCATCTGGATGTAATAATTTA	14480
MediumGroundFinch	GTTAAAA-TTGAGCTAAACTCCATATTTCTCTTTGCAT---AGATTTCCCTTGATGT-TTCAGCTAGATATAATAATTTA	1786
GoodesThornscrubTortoise	ACTAGATCTTTTGGAGCGCTGAGTATTTCTCCTATCCATTAAGAAATACTTTAGATTGTCCATTTTTAAAGTGCCAGCTG	38677

Majority	TTATATATGTATATTTAAATATTTAAACAAT-AAGTTAATTTAAATGTTATTGAAATAGACTA--AATATATTTAATTAT	
	43130 43140 43150 43160 43170 43180 43190 43200	
Human	TGTAATTCAGATGACTCAAAGGACGTTGGTAGACAATGTTACAAGGACACTTTTATGGTTATCAGATATAGTACAGGAT	42960
Kakapo	GTATGTACATATATCCACTATTTAAACAAT-AAGTGAATTTAAATGTAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAG	15195
GoldenEagle	ATATAT--GTATATTTAAATATTTAAACAAT-AAGTGAATTTAGATGTCATTGAAATAGACTA--AATATATTTAATTAT	16973
JapaneseQuail	--ACAT-----AA-ACA-----TTTAATTA-	14497
MediumGroundFinch	ATATATATGTGTATTTAAATATTTAAACT-T-AAATTAATTTAAATGTTATTGAAAGTAAAGTAAAGTAAAGTAAAGTAAAG	1861
GoodesThornscrubTortoise	AAGAAATGGATACTTAAAGGTAAATAGAATGAAATTTGTAAGGGAATGATAAAACATGATGCCAGCATGGGCAATAAG	38757

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Majority	TATAATATTT-----TAATTTGAAATGCTGGACAAAATTATTGTT-CAGCAGTTCTCATTGT-----GTTTTGAGGTGG	
	43210 43220 43230 43240 43250 43260 43270 43280	
Human	TTCATTTTTATGTTCCAGCTTCCAGCTTATCTAAAATATTTCTTGTAATAGATTTTACTGTAGAATTGTTTCCTAAGGC	43040
Kakapo	AATAAATACTT-----TAACTGGAAATGCTGGACACAATTATTGTT-CA---GTTCTCATTGT-----GTTTGGAGGTGG	15260
GoldenEagle	CATAATATTT-----TAATTTGAAATGCTGGACAAAATTACTGTT-CAGCAGTTCTCATTGT-----GTCTGGAGGTGG	17041
JapaneseQuail	-----TGTTA-----CAATTTGAAGTGTGATGAAAATTATTGTT-CAGCACTTCTTGTTGT-----GTCTTAAGGTGG	14560
MediumGroundFinch	-----TATTT-----TAATTTGAAATGCTGGACAAAATTACTGTT-CAGCAGTTCTCATTGT-----GTCCAGAGATGG	1924
GoodesThornscrubTortois	@GGTGGATTTCATGTACAACCTTAAACAATAGGAACACTATCAGTC-ACGTATTTGCCTTTCA-----TTTTTTTTGGGG	38830

Majority	CTTTGTTTCAGTGG-----TGGGTGAAACAACACTGTGCTTAAGCTGCTCTCATTTCAAAG-T--TTGCCATGTA--A	
	43290 43300 43310 43320 43330 43340 43350 43360	
Human	ATCTGTCTCAACAGCCTTTCCCTTATCTGTGCAGACTTTTCTTCTCTGTACTTGTGAATAGGTGCTTTTTGTCAAAGA	43120
Kakapo	CTTCATTTTCAGTGG-----TGGGTGAAACAACACTGTGCTTAAGCTGCTCTCATTTCAAAG-C--TTGCCATGTA--A	15326
GoldenEagle	CTTTGTTTCAGTGG-----TGGGTGAAACAACACTGTGCTTAAGCTGCTCTCATTTCAAAG-C--TTGCCATGTA--A	17107
JapaneseQuail	CTGCATTTTGGTGG-----TGGGTAAAACAACACTGTGCTTGAGCTGCTCTCGTTGCAAAG-T--TTGCCTTGTA--A	14626
MediumGroundFinch	CTATATTTTCAGTGG-----TGGGTAAAACAACACTATGCTTAAGCTGCTCTCATTTCAGA-----TTGCCATGTA--A	1988
GoodesThornscrubTortois	@CCTGTGGCAGTGTCC-----TGCCTGCTTCAGTTAACCATCTTCTGCTCTGATGTGATGC-TGTCAGCCTTTTGGCA	38902

Majority	ATATACT-GCTTTACT-----TAGA-TTTCAGTTGTTGCA--CTTATCTGA---AAAGAGGAAGTCTGCCAAATCTGAA	
	43370 43380 43390 43400 43410 43420 43430 43440	
Human	AAAAAATAATTTTACAGGTGAAAAATTTTCATGTTATTAGAACTTAATCTCAGGTAATAAATGTTTAATAAATTGATA	43200
Kakapo	ATAGACC-GCTTTACT-----TGGA-TTTCAGTTGTTGCA--CTTAACTGA---AAAGAGGAAATCTGCCAAATCGGAA	15394
GoldenEagle	ATATACT-GCTTTACT-----TAGA-TTTCAGTTATTGCA--CTTATCTGA---AAAGAGGAAGTCTGCCAAATCTGAA	17175
JapaneseQuail	ATATACT-GCTTTATG-----TAGA-CTTCAAGTTGTTGCA--CATATCTGA---AATGAGAAAGTCTGCCAAATCTGAA	14694
MediumGroundFinch	ATATTCC-GCTTTACT-----TAGA-TTTCAAATTGTTGCA--CTTATCTGA---AAAGAGGAAGT-----	2042
GoodesThornscrubTortois	@ATATCTTGCTTTTCAT-----AACACTTTTTGTTTTAGCA--CTAAGTTGGCTCAGTCTTGCAAGCACCTTATTTTAT	38975

Majority	TAGGTTTGGTTATGCTTGCTTAA---GTTCTTTTAAAGGTTTTCCCTGTCAAACACTGACAT--TTTTAATATCATCTTTAA	
	43450 43460 43470 43480 43490 43500 43510 43520	
Human	CAGTAAGGACATTTTCTAATGAATTGGTTCCTTCAAGAGATATAAAAGTGAAA-TATTTCAAAAATACAACACTGTTCCCTAA	43279
Kakapo	GAGGTTTGGTTGTGCTTGCTTAA---GTTCTTCTGAAAGTTTTCCCTGTCAAACACTGACAT--TTTTAATATCATCATTAA	15469
GoldenEagle	TAGGTTTGGTTATGCTTGCTTAC---GTTCTTCTAAAGGTTTTCCCTGTCAAACACTGACAT--TTTTAATATCATCTTTAA	17250
JapaneseQuail	TAGGTTTGGTTATGCTTGCTTAA---GTTCT---AAAGGTTTTCCCTGTCAAACACTGACAT--TTTTAATATCATCTTTAA	14766
MediumGroundFinch	-----A-----T-----CATCTTTAA	2053
GoodesThornscrubTortois	@C--TTTTTTTATGTATAAT-AA---ATTAATTGACAGTACAGTCTATAAATATCTGTGACTTCACCAGCATGATGGA	39049

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Majority	AAA-T-CACAAAATAGAGGAAAAAAAAA-TCTCTT-----ACTGTCTCTTTCTTTTATAGAGAGGATCTGA--CGAACT	
	43530 43540 43550 43560 43570 43580 43590 43600	
Human	GTAGCATTAGAATTTGATTTTGTAAA-TTTGTAATAATTTAGCAGTGACTATGAGGCTTGACAATTCTAAGGTACAGTC	43358
Kakapo	AACT-CACAAAATAGAGGAAAAAAAAA-TCTCTT-----ACTGTCTCTTTCTTTTATAGAGAGGATCTGA--CGAACT	15537
GoldenEagle	AAA-T-CACAAAATAGAGGAAAAAAAAAC-TCTCTT-----ACTGTCTCTTTCTTTTATAGAGAGGATCTGA--CGAACT	17317
JapaneseQuail	AAA-T-CACAAAATAGAGGAAAAAAAAATCTCTT-----ACTGTCTCTTTCTTTTATAGAGAGGATCTGA--CGAACT	14834
MediumGroundFinch	AAA-T-CACAAAATAGAGGAAAAAAAAA-TCTCTT-----ACTGTCTCTTTCTTTTATAGAGAGGATCTGA--CGAACT	2120
GoodesThornscrubTortoise	AAATGTACAGAGCAGGAGCCAGTTGGCTGTGATGGGTGTGGACAGTGTAGTAACTGCTGGGAAGACTAAAAATGAGTT	39129

Majority	TCTTTCAGGC---AGTG--TACTCAATAGC--CCGAACTCTAACAT-----GAGCA-----GCATGGTA--GTTACTG	
	43610 43620 43630 43640 43650 43660 43670 43680	
Human	TCTTTAATTTTCTAGTGATTTCTTTGTAGCTACGGAAGTGAATATCCCTTTAGGTAT-----ACATATTTCTGCCAGTG	43433
Kakapo	TCTTTCAGGC---AGTG--TACTCAATAGC--CCGAACTCTAACAT-----GAGCA-----GCATGGTA--GTTACTG	15596
GoldenEagle	TCTTTCAGGC---AGTG--TACTCAATAGC--CCGAACTCTAACAT-----GAGCA-----GCATGGTA--GTTACTG	17376
JapaneseQuail	TCTTTCAGGC---AGTG--TACTCAATAGC--CCGAACTCTAACAT-----GAGCA-----GCATGGTA--GTTACTG	14893
MediumGroundFinch	TCTTTCAGGC---AGTG--TACTCAGTAGC--CCGAACTCTAACAT-----GAGCA-----GCATGGTA--GTTACTG	2179
GoodesThornscrubTortoise	ETTGGTAGGT---CATG--TACAGAATATC--CCATTGTCTGGTCTAG--TGGGGCATTTCATACATAATTTTGTACCA	39200

Majority	GTAAGTGA---TGCCCTTTCAAAG--GAGAAATCTATCATTATATACTTGGAC-TCATTTCTGTTTACAAGGGGAGAACA	
	43690 43700 43710 43720 43730 43740 43750 43760	
Human	GTGATTGT---TACTCTGTAATAGCAGGATTTCTGAAAATATTTGCTAAACATGACATTTTGCT--CTACCTGAAAGCA	43508
Kakapo	GTAAGTGA---CGCCCTTTCAAAG--GAGAAATCTATCCTTTATACTTGGAC-TCATTTCTATTTACAAGGGGAAAACA	15670
GoldenEagle	GTAAGTGA---TGCCCTTTCAAAG--GAGAAATCTATCATTATATACTTGGAC-TAATTTCTGTTTACAAGGGGAGAACA	17450
JapaneseQuail	GTAAGTGA---TGCCCTTTCAAAG--GAGAAATCTATCATTATTTCTTGGAC-TCATTTCTGTTTGCAAGGGGAGAACA	14967
MediumGroundFinch	GTAAGTGA---TGCCCTTTCAAAG--GAGAAATCTATAATTTATACTTGGAC-TCATTTCTGTTTACAAGGGGAGAACA	2253
GoodesThornscrubTortoise	AAATTTGAAAGTTACATTTGAAAGCTAGGCAGTTTCATTTTTAAATGGTCC-TTTCCTTACATTTGAGACAGAGAAATG	39279

Majority	CTGAAA---CGAGAATCCGTTGTGCTATAG-AGGGATAAACTGTTGGCATGCATTAGAATGTAGTGACTTTTAA-TTTAC	
	43770 43780 43790 43800 43810 43820 43830 43840	
Human	GTAAA-----CCATTCATAGAGTCT-----GGAACATTTTACTTAGAAGTCTTTTAAAGATTTTCATTTTAACTTTTAC	43578
Kakapo	CTGAAA---CCAGAATCCGTTGTGCTATAG-AGGGATAAACTGTTGTCATGC-----TGAGTGATCTTGTG-TTTAC	15738
GoldenEagle	CTGAAA---CAAGAATCCGTTGTGCTATAG-AGAGATAAACTGTTGGCATGCATTAGACTGTAGTGACCTCTA--TATAC	17524
JapaneseQuail	CTGAAA---TGAGAACCCATTTGTGCTATAG-AGGGATAAACTGTTGGCATGCATTAGACTGTAGTGACTTTACA-TATAG	15042
MediumGroundFinch	CCAAAA---CAAGAATCCGTTGTGCTATAG-AGGGATAAACTGTTGGCTTGTATTAGAATATAGTGACTTTGT--ATTTT	2327
GoodesThornscrubTortoise	AAAGAAAGTGAGGGTCAGTAGATTCATTGCAAAGATGAAATATGAAAAGG--TGAAAAGTACAAACGGTTAA-GCTAA	39356

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Majority	TGACAAACCTTGGGTATC-TGAGAAGAGTAATCCCATATAATACAATAGGCCAAGTTTCAGATGTCTGTACATTAAATTTGTTG	
	----- ----- ----- ----- ----- ----- ----- -----	
	43850 43860 43870 43880 43890 43900 43910 43920	
Human	AGACATATTTTGGAGTGATGTCATTCTTTTGGCTATAATGTTTTGAAAGTATTCCAGTAGATTATTTTCATAGTTTACT	43658
Kakapo	TCACAAACCTTGGGTATC-TGAGAAGGCGAATCCCATAAAACAAGAGGCAGCTTTCAGATGTCTGTACGCTAAATTTGTTG	15817
GoldenEagle	TCACAAACCTTGGGTATC-TGAGAAGAATAATCCCATAAAACAAGAGGCCAAGTTTCAGATGTCTGTACACTAAATTTGTTG	17603
JapaneseQuail	GGTAAATCCTCAGGAATC-TGAGAAGAGTGATCCCATGAAACAAAGAGCAAGTTTCAGTTGTCTGTACAGAACACTGATG	15121
MediumGroundFinch	CTACAAACCTTGGGTGTC-TGAGAAGAATAATCCCACAAAT-CAACAGGCCAAGTTTCAGATGTCTGCACATGAAATTTGTTG	2405
GoodesThornscrubTortoise	AGGGATGAGAGAGGGATC-TGTAATTAGAAAAGATGGGGTACATTAAACAGC---CAAGTTTTTGAAC-TCAAAGTAAAA	39431

Majority	GTGGGTGATGGGATGAAAAATTACACTTCTCTTGTACAGCTGCCTTCAAAGTAAGGAATCACA-----ACTAC-----	
	----- ----- ----- ----- ----- ----- ----- -----	
	43930 43940 43950 43960 43970 43980 43990 44000	
Human	ATTTATAAAGGTTTTTAAACACTCATCTTCTTGCATATAAAGGTAGTGAGAGCCTTATTTTCATAGTGTTACTATTTATGAG	43738
Kakapo	GTGGGTGATGGGATGAAAAATTACACTTATCTTGCACAGCTGCCTTCAAAGTAAGGAATGCA-----ACTGC-----	15885
GoldenEagle	GTGGGTGATGGGATGAAAAATTACACTTGCCTTGTACAGCTGCCTTCAAAGTAAGGAATCACA-----ACTAC-----	17671
JapaneseQuail	GTGGATGACAGGATGAAAAATTACACTTGTCTTATTCTGCTGCTTCAAAGTAAGGAATCAGA-----ACTAC-----	15189
MediumGroundFinch	GTGGGTGATGGGATGAAAAATCACAGTTCTCTTGTACAGCTGCCTTAAAGTAAGGACTCTCA-----GCTGCAAAGGTA	2480
GoodesThornscrubTortoise	CAAGTTGC---ATTTATGACTGAATTTCCCATGATTGGTTGTGTCAGCAACATGGTTATTTATG-----AAAAAGTCTAAT	39503

Majority	-----A-----CAAGCAAAGGTAACAGCTT-AACAATTCCTGTATGACTTCAGCTTTTTTACACATGGTCA	
	----- ----- ----- ----- ----- ----- ----- -----	
	44010 44020 44030 44040 44050 44060 44070 44080	
Human	GGTTTTAACAACTTATCTTCTTGTATATAAAGGTAGTGAGAGCCTTCTCTAGGTGCCTTCTGTGTTTTTCCAGCTCATGC	43818
Kakapo	-----CAAGCAAAGGTAAGAGCTT-AACAACCTCTGGGATGACATC--CTTTTTCACACATGGACA	15943
GoldenEagle	-----CAAGCAAAGGTAACAGCTT-AACAACCTCTGTATGACATCAGCTTTTTTTCACACATAGACA	17731
JapaneseQuail	-----CAGTTAAAGGTAACAGCA--AACAACCTCAC-TATGACTTCTGTTTTTTCACATGTAG-CT	15246
MediumGroundFinch	AACAGCCC-AGTAAATCTCAGGCAAAGGTAACAGCT---CAGTTCTGTGTGACATCAACTTCTTTACTCATGGTCA	2555
GoodesThornscrubTortoise	ACATA-TTA-GGTTTTATACCTGACCAAAAAAAAAAAGATGT-AAAAGCTTTTTGAATGTTTCATGTCATTTTAATAATTTTG	39580

Majority	TCTGTGAGTCTGGGCGTTACAGGGAAGAACACTGTGC--CAGTTTTATAGT--ATAGTTTGGATTTCAGGAAAA-----	
	----- ----- ----- ----- ----- ----- ----- -----	
	44090 44100 44110 44120 44130 44140 44150 44160	
Human	CTAATATGCTTTTGCACACTACACCACACAACACTACTTGGAAATACAAGAGTTAATAGTTACCTTTTACGGAAACCTGGTG	43898
Kakapo	TCTGTGAGTCTGGGCATTGCAGGGAAGAACACTG--C--CAGTTTTATAGC--ATAGTATGGATTTCAGAAGAG-----	16010
GoldenEagle	TCTGTGAATCTGGGCATTGCAGGGAAGAACCCTGTGC--GAGTGTACATAAT--ATAATATGGATTTCAGGAAAA-----	17800
JapaneseQuail	TCTGTGAGCCTGGGTGTTAT-GGGAAGAACGCTG-----CCCTATAG-----TGGACTCAAAAAA-----	15301
MediumGroundFinch	TCCACAAGTCTGGGTGTTACAGGGAAGACCCTGTGC--CAGTTTGATAAT--ACAGTGTGGATTTCAGGAAGA-----	2624
GoodesThornscrubTortoise	CAAGATATTTTGTCTAAAAGACATGTAAACAGAACAAACAAAATAACATT--AAAGTTCGGATTCAAACAA-----	39651

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Majority	AAGATTTTTGCTTTGT-TCT-GTTTAGACT--GCTAA-----AGCAGGAA----ACTT-----CACTT---TG-CTTCT	
	44170 44180 44190 44200 44210 44220 44230 44240	
Human	AGGCTTTTTGCGTGGTGGCTGTTGCAGAAACAGCCAACAGAATAGCAGAAGTACCACCTATCTGCACCTACCTGCTTTTT	43978
Kakapo	CAGAGTTTTTT---TGC-T---GTTTG--CT--GCTAA-----AGCAGGAA----ACTTTT---CACTT---TG-CTCCT	16062
GoldenEagle	CAGAGTTTTGCTCTGT-TCTAGTTTAGACT--GCTAA-----AGCAGGAA----ACTT-----CACTT---TG-CTGCT	17858
JapaneseQuail	AGAGAATTTGGTCTGT-TCTCATTTAGACT--GCCAA-----AGCAGTAA----ACTA-----CACTT---TG-CTTGT	15359
MediumGroundFinch	GAGACTTCTG----G-----GTTT---CT--GCTCA-----AGCAGGAA----GCTT-----CACTT---TG-CTCCT	2670
GoodesThornscrubTortoise	ACATTTTTTACCTTGTGTGCTGCAGTACCTAGGCACA-----AGTAGGTG---AGTTAAGAACAGAA---TGACTGCT	39718

Majority	TCAGTTTGAGATCGC---AGTGGTAGAATCTCAGAATGTCAA--TGCAAAGTGGGTATGGTTGTTCTTTAAGCTTA---	
	44250 44260 44270 44280 44290 44300 44310 44320	
Human	TTCTCTTTAACTCTTCTTTGGAATTTGTTTCTCATAACAGGAAAGAGTAGCAGCATTTCATTTTTTTTTTCTTAGCTTAGAG	44058
Kakapo	TCAGCCTGAGATTGC---AGCGGTAGAATCTCAGAATGTCA--TGCAAAGTGGCATGGTTGTTCTTTAGGCACA---	16133
GoldenEagle	TCAGTCTGAGACTGC---AGTGGTAGAATCTCAGAATGTCAA--TGCAAAGTGGTGTG-TTGTCTTGAGTCAAA---	17928
JapaneseQuail	TCAGTCCGAGGTGGC---A---CTAAAATCTCAAT-----GG-TAGG-TTGTCTTTAACCA-----	15408
MediumGroundFinch	TCAGTTTGAGATCAC---AGTGGTAGAATATCAGA-----GCAAAGAGACTGTGGCTGTTCTTGAATCTGT---	2733
GoodesThornscrubTortoise	CTAACTGTGCATCTCCTTGATGTGTCAGTTTGTGAGAATGTTTAAATATAGACTTTATATTTTTATAAGCTTA---	39795

Majority	-----T---TTTTGGTGTGCTAGGTAGAAAGGCTTTTT-----CATTAA-ATTGGCACACACTAAAA	
	44330 44340 44350 44360 44370 44380 44390 44400	
Human	TCTTTTTATTTGTTTTTTGTTTTTCTAAAGCTAGAAAACACTGCCTTTGCCTTGAAGTCTAAAAGTCTTAGAATTAAAA	44138
Kakapo	-----T---TGCTGGTGATGCTGGGTAGAAAGACTTCATGAATGGCACACACTAAAATTGGCACACACTAAAA	16199
GoldenEagle	-----T---TTTGGTGGTGTAGATGAAAGGCTTTT-----CATGAA--TTGGCACATACTGAAA	17980
JapaneseQuail	-----CTATGGTGTACTGGATAGAAAGGCTTTT-----AAGGAA--TTAGCGGTAATAAAA	15459
MediumGroundFinch	-----T---TTCTGGTGATGCTAGATAGAAAGGTTTTTT-----CATTAA--TTGTCACACACTAAAA	2786
GoodesThornscrubTortoise	-----TGTATTATGATGTTCTTAGGATCAAAGGTGAAATAGTCAAATGTGGTAGAATATTATGAAACATTAAAA	39864

Majority	TGCCTT--CTATTGCAGTTAATGCTTCT-----GTAAGTTGAACGTGCA-----TTGAGTTCC-----CTTGGAG	
	44410 44420 44430 44440 44450 44460 44470 44480	
Human	CTTCTTTGCCTCTCAGTTTCATATTTGATAAAGAGAGTTAGGAAAACTTTATAAATGTGTGCTCTGAAAGACTTGGAG	44218
Kakapo	TGCTT--CTATTGCAGTTAATACTTCT-----GTACGGTGAACGTGCA-----TTGAGTTCC-----CTTGGAA	16257
GoldenEagle	TGCCTT--CTATTGCAGTTAATGCTTCT-----GTATGTTGAACGTGCA-----TTGAGTTCC-----CTTGGAG	18038
JapaneseQuail	AGCCTT--TCATTGCAGTGTATGGTCT-----GACATTTGAACTTGCT-----TTGATTTCC-----TTGTGAG	15517
MediumGroundFinch	TGCCTT--CTTTTGCACCTTGAATGCTTCT-----GTATGTTGAATGTACA-----TTAAGTTCC-----CTTGGAA	2844
GoodesThornscrubTortoise	GAAAT--CAATTTTATGTAATACTTCT-----ATAAGTTAAATATGCAG---CTGATTTTACCTA--TTCCAAC	39926

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Majority	AGCTCACTT---CAGAGGTCTTGCTT-----TTTCTCTTTTATTATT-TACAGTACTCTTAATT-T-----TTTT-	
	44490 44500 44510 44520 44530 44540 44550 44560	
Human	AATGAAGATGTACCTAAGTTTTGTCACT---GATTTTCATTGGACAGAAGTATAAGGTTTTGCCGTGTCGTATTTTATAT	44295
Kakapo	GGCTCACTT---CAGAGGTCTT-----TTTCTCTT---C-----CC-----	16287
GoldenEagle	AGCTCACTT---CAGAGGTCTTGCTT-----TTTCTCTTTTTTCATTTCCCCCCCCCCCC-----CTTT-	18095
JapaneseQuail	AGCTCACCT---CACAG-TCTTGCTT-----TTTCTCTCTG-----AGAACGTCTAAC-----TTCT-	15565
MediumGroundFinch	AGCTCATTT---CTGAGGTCTTGCTT-----TTTCTTTTTTCTTTTTCTACTGTACTATTAATTTTGTGTGGGTTTT-	2913
GoodesThornscrubTortoise	ATTACATTTTCTCAGACACCTTCAAAGGTAGGGTTTCTGTACAACATTAATAAAATTAAACTGAATTTTTTCTCTCTCCA	40006

Majority	---TTCTCTTTTTTTCCTTT---TTTTAG-AGATGTGGAGGAATTAGTTCA--TGGTA--TCAGAGAGT--TGCTGGGCT	
	44570 44580 44590 44600 44610 44620 44630 44640	
Human	TTGTACACAGTTGAAAGTATAACGGTGAATGAGTAGGACTAAAATAATTTACAAATTATATGAGAAAGT-AGGCCAGGTG	44374
Kakapo	----CCCCTTTCTCCCT-----AGATGTGGAGGAATTGGTTCA--TGGCA--TCAGAGAGTGGTCTGGGCT	16346
GoldenEagle	---TTTTTTTTTTTTCTAC---CCTCAG-AGATGTGAAGGAATTGGTTCA--TGGCA--GCAGAGTGT--TGCTGAGCT	18162
JapaneseQuail	---TTTTCTTTTTTCTTTT---TTTTAG-AAATAGAGAGGAATTAGTTCA--TGGTA--TCAGTGTG---CTTGGGCT	15631
MediumGroundFinch	---TTCTCTTTTTTCCCTCTTGCCCTAG-AGATGTGGAGGAGTTAATTC--TGACA--TCAGAGGT--TGCTGCACT	2983
GoodesThornscrubTortoise	AAACAATCCATTGTTCTTGTA-ATTTCTA-AGCTGTAGACCCTACACTGCAAATGCTTATTCCAACAATCATGCTTGCTT	40084

Majority	TTCCAAGTAGTTGCCTGGTCTCTGT---TTTAGTGTGCTTGATCAG---ATTTTTTGTATTATGTGCTCAGC-AGT	
	44650 44660 44670 44680 44690 44700 44710 44720	
Human	CTGTGGCTCAT-GCCTGTATTTTCAGC--ACTTTGGGAGGCTGAGGCAGGTGGATCACTTGAGGCCAGGAGTTCGAG-ACC	44450
Kakapo	TTCCAAGGAATTGCCTGCTTTGCTGC---TTTAATCTGCCTGATCA---A--TTTTTCTGTCTTTGTGCTGAGC-AGT	16415
GoldenEagle	TTCCAAATAGTTGCCTGGTTCAGTGC---TTTAATGTGCTTGATCA---ATTTTACCGTATTTCTCTGCTGAGC-ATT	18233
JapaneseQuail	TCCCAAATAGTTGCTTGGTTCACAGT---TTTAGTGTGCAATATATGT--ATATTCACCTGTATATACTAGTTGAGC	15705
MediumGroundFinch	TTCCAGTCACTTGCTGGTTCGCTGT---TCTACTGTGCTGAT-----TTTTCTGTATTCATGGGGTCAGC-AGT	3049
GoodesThornscrubTortoise	EGCTATGCAGTCCCTTTGACCTTAGTGAATTAAGTGTAAGGAATAAGCACACACTGAAGAAAGTGTGTTTTCAGGCTTT	40164

Majority	AGAGTGGCTGATATTA-GTAGCAGACTCTTTCCTT--TT-AAATTA--TTAGTAAGAGGTTGGGATTCAGGGTGAATTT	
	44730 44740 44750 44760 44770 44780 44790 44800	
Human	AGCCTGGCCAAACATGGTGAACCCCATCTCTACTGAAAATAGAAAAA-TTAGCTGGGTGTGGTGGTGACACCTGAATTC	44529
Kakapo	AGAGTAGCTGATATTA-GTAGCAGACTCTTTCCTT--TT-AATCTA--GTAGTAAAAGACTGGGATCTAGGGTGAATTT	16489
GoldenEagle	ATAGTTGCTGATACTA-GTAGCAGACTCTTTCCTT--TT--AATC---TAGTAA-AGATTGGAATTCAGGGTGAATTT	18303
JapaneseQuail	AGTATGTACAGTGTTA-GTACCAGATTTACTACTAGATTTAAAGCAAAGTAAACAAAGGTTAAGATTCTGGATACAGCTT	15784
MediumGroundFinch	ATAATCACTGATATTA-ATAGCAGACTATTTCCAT--TTTAAATG--TTAGTAAGAGGTTGGGATTCAGGGTGAATTT	3124
GoodesThornscrubTortoise	EATGTAGAAAGCCAGA-TCAGACAAATCCTTACTTACTT-GAATAGTCTGATTG-AGCTTACTAGTATGAGTAAGAGTT	40241

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Majority      CATGTTACA--TTTAGGGTGC--TGTGGTGGCAGCTGTTGCCAGGATGGGTGGTCTGT--GCT-TTCTCATCCTACATC
              44810      44820      44830      44840      44850      44860      44870      44880
Human         CCAGCTACA-TGGGAGGCTGTGGCACGAGAATCACTTAAACCTGGGAAGTGGAGGTGTAGTCAACCAAGATCATGCCAC 44608
Kakapo        CATGTTACA--TTTAGGGT----TGTGATGGCAGCTGTTGCCAGGATGGGTAGTTCTGT--GCT-TTCTCGTCCTACATC 16560
GoldenEagle   CATGTTATG--TTTGGGGTGC--TGTGGTGGCAGCTGTTGCCAGAATGGGTACTTCTAT--GCT-TTCTCATCCTACCTC 18376
JapaneseQuail CTCTATGTA--TTTAAACATGCTGTGTAATGGCAGCTGTTGCCAGAGCGGGTG-----TTCTCTTCCTGCATT 15849
MediumGroundFinch CATGTTACT--ATTAGGGTGC--TGTGGTGACAGCTCTTGCTAGAATGGGTGGCTCTGT--GCT-TTCTCATCCTACATC 3197
GoodesThornscrubTortoise GCTGTACAACCTAAGGACCAGAACTTGCAAAAGCTTCTTCTCAGACATACATTTTAATTGACA-CATTACTACTATTTG 40320
    
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Majority      CTTAGCACAGGCAGGAAAACC-----TCCAACCTCCATAT--GTTTCTGCTCCAT---TCTTTATGTTGGAGTGCTCATA
              44890      44900      44910      44920      44930      44940      44950      44960
Human         TGCCTCCAGCCTGGCAATAC-----AGCAAGACTCTGTCTTAGATAGATAGATAGATAGATAGATAGATAGATA 44682
Kakapo        CTTAGCTCAGGCAGAAACCCTCC---CCCAACTCCACAT--GTTTCTGCTCCAT---TCTCTATGTTGGAGTGCTCATA 16631
GoldenEagle   CTTAGCACAGGCAGAAACCCCCCA---CCCAACGCCACAT--GTTTCTGCTCCAC---TCTCTGTGTTGGAGTGCTCATA 18448
JapaneseQuail CTTAGTACAAACAAGAAAAA-----AGCAACTGTTTGT--GTTTCTGCCCCGC---TCAAT--GCTGGAGTGTTTATA 15916
MediumGroundFinch TTTAGCACAAAGCAGAAAAACC-----TCCAACCTCCAC---GTTTCTACTACAC---TCTTC-TGTTGGAGTGCTCATA 3263
GoodesThornscrubTortoise TTTAAAAATTAGAAGAAGACCAAATGTTTGAGTTGCTTAAAAATGTGTGTTTATGTGTTTTTAAAAATAAATTAACATA 40400
    
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Majority      GACTTGCAGAA---T-CGTTAATGCAGCATTAAACTGTACT-GCCAAAAAGA-GTAGTTTTTCCTTG---GAGCAGC---
              44970      44980      44990      45000      45010      45020      45030      45040
Human         GATACTGTGAAA--CCAGTGCTAGAGTGTTTTATATTTAATAAGTAAAGATAGGTAGAGTATCGGAACAAAAACAGCATG 44760
Kakapo        CACTTGC-----TAATCCAGCAGTAAACTGTACT-GCCAAAAAGT--TAGTTTTCCCTTG---GAGCAAC--- 16690
GoldenEagle   GACTTGCAGAA---TGAGCTAATCCAGCATTAAACTGTACT-GCCAAAAAGT-GTAGTTTTTCCTTG---GAGCAAC--- 18517
JapaneseQuail CTCTTCGCAA-----GATACAGCACTAAAGTGTACT-GCTAAGAAGA-GCTGCTTTCTGTTG---GAGCAGC--- 15978
MediumGroundFinch CACTTGCAGAG---TACGTTAATGCAGCATTAAACTAGGCT-AACAAAAATGAAGTCGTTTTCCCTTG---TAGCAGC--- 3333
GoodesThornscrubTortoise CTCTTCAAAATACTTTTGTGAGTAGCATTAACTAATGCTTGACATGATACGGTAAACTTTCTGTCCC-AAGTAGTGT- 40478
    
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Majority      -TTA-CTGATCAGTCATG----TGACTGCACAGTTGCTAGATTCACTGTC-AGTGTGGGGTGGA-----GGAGTGTGGCA
              45050      45060      45070      45080      45090      45100      45110      45120
Human         GGAAACTAACAAATTTTGGGGAATGAATGAGTAATCA--GGATTCAAAGCAAGTATCAAATGAGTC---GGGAAATTAGA 44834
Kakapo        -TTA-GTCATCAGTCCCG----TGGCTGCACAGTTGCTAGATT-----ACTGTGGGGTGGA-----GGAGTGTGGTG 16752
GoldenEagle   -TTAACTGATAAGTCATG----TGGCTGCACAGTTGCTAGATTCACTGTC-ATTGTGGAGTGGA-----GGAGCATGGCA 18585
JapaneseQuail -TTA-CAGGTTGGTCATA----TGACCATGCAATTTGTAGATCATGAAC-ATTGTAGGGAAAA-----TGAGTCAGGTG 16045
MediumGroundFinch -TTT-CTGATCAGTCATG----TGATTGCACAGTTG-TAGACACAGTGT-AGTGTGAGTGGA-----GGAGTGTGGCA 3399
GoodesThornscrubTortoise TCACCAGGTCTTTTTTCT--TACTTTCCTTATTCCTTAATTCGTTTC-AGTGTGAGGAATATCATGTAAGTTGTGGCA 40554
    
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Majority      TCAGAAGAGA-----GGAGAACCACCTCCATTGGCAGTCTGTAAACCAA---GGTGAAGAGTT--TTTTTC
              45130      45140      45150      45160      45170      45180      45190      45200
Human         AAAGTAGAAATTGAAGTTTTTAGGGGTGCTATT---AGAGAAATTCAGTGAGGAAGAGAGGGTTCACAGTTCCTTGTTG 44910
Kakapo        CAAGAAGAGA-----GGAGAACCACCTCTGTTGGCAGTCTATAACCAA---GGTGAAGAGAT---GATAC 16813
GoldenEagle   GCAGAAGAGA-----GGAGAACCACCTCCATTGGCAGTCTGTAAACCAA---GGTGAAGAGATGATACTTC 18649
JapaneseQuail TCAGGAGA-----GAAAGC----- 16059
MediumGroundFinch GCAGAAGA-----AAACCACCTCCACTGGCAGTCTGTAAACCAA---GGTGACGAGGT--TATTCC 3456
GoodesThornscrubTortoise@ CTGCAGTTGTGTATTGTCTCTGGTATACTTTTAGAATATTCAGTATGCATTTCATATGTTGGTGATTGATTTGATTTTT 40634
    
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Majority      TTTGGAATAGG-----TCAGAAATGTGGTGTAGT-----GC-ATTCATAGCCATTTTAG---AACTCCTGAACATAT
              45210      45220      45230      45240      45250      45260      45270      45280
Human         ACTGATGGATGTGGTGATTTAACAAATTACCCATGATCCTTGCCGACACCCATTTATGTA AAAAATTGCAGGTAAAAGCTA 44990
Kakapo        TTTGGAATAGC-----TCTGAAGTGGGATGTAGT-----GC-ATTCATAGCCATTTTAG---AACTC----- 16866
GoldenEagle   TTTGGAATAGA-----TCAAAAATGTGGTGCAGT-----AC-ATTCATAGCCAGTTTAG---AACTCCAGAACATCT 18712
JapaneseQuail -----CAAT-----GT-ATTTGTGGTCATTTTAG---AGCCCCTGGA---AC 16094
MediumGroundFinch TTTGGAATAAG-----TCAGAAATGCAGTGCAGTTTAGTGC-ATTCATAGCCATTTTGG---AACCTCAGAACATAT 3524
GoodesThornscrubTortoise@ CTGGCATGCACACTTTTGTCTTTTCTATTGTGTATTGTTTTACTACTTAAAGGTACTGTAATAAAAACATATGAAATGAA 40714
    
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Majority      GTTTATCTCTTCTGCTTTTCT-----TACTTCCTTCTGGTCTGA-----AAG-----
              45290      45300      45310      45320      45330      45340      45350      45360
Human         GTGGAGAACAAAGGTCAGTCAGCAGGAGAAAAGTGATGTACTGATCAGAGGTGAAGATGCTGGCTTTAGAATTGAGGTGA 45070
Kakapo        GTTTATCTCCCCTGCTTTTCT-----TACTTCCTTCTGCTTCTGA-----AAG----- 16909
GoldenEagle   GTTTATCTCCTCTGCTTTTCT-----TTCTTCCTTCTGGTCTGA-----AAG----- 18755
JapaneseQuail ACTTATCTCTTCTGCTTTTGT-----TGCTTCTTCTATGTCTGA-----AAC----- 16137
MediumGroundFinch GTCTCTCTTTTCTGTTTTTCT-----TACTTCCTTCTGGTCTGA-----AAG----- 3567
GoodesThornscrubTortoise@ AACCTCTTTTCTGCATTTTTCGTCAGAAAATCACCTAGCCCTTTTAAAATTTGATCAATTGGCAATAGAAGTAGTTATG 40794
    
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Majority      -AGGTCCCT--T---CTTGTTTTCATTTTCTTGATGTCCCTCTGCATTCTCGGA---TATTT--AGTGCTTCAGCAATTT-
              45370      45380      45390      45400      45410      45420      45430      45440
Human         AAAACTGGTTTTGAGTTTGGAAGAGAAGTATTC AAGTAGAAACCATTTTAAAATTTTATTTGCTTTGAATCCGTGATTAC 45150
Kakapo        -AGGTCCCT-----T-GTTTTTCATTTTCTTGATGTCCCTCTGCATTCTCGGA---CATT---AGTGCTTCAGCACTTT- 16973
GoldenEagle   -AGGTCCCTGTT---CTTATTTTCATTTTCTTGATGTCCCTCTGCAGTGTCTGGA---TATT---AGTGCTTCAGCAATTT- 18824
JapaneseQuail -AGGTACAT-----CT--TTTCCATTTTCTTGACATCCTCAGCAGTCCAAGA---TGATAATACTGCTTCAGCAATTT- 16204
MediumGroundFinch -AGGTCCCT-----CTTTGTTCATTTTCTTGATGTCCCTTTCAGTCTCGGA---TATTT--AGTGCTTCATCAGTTT- 3634
GoodesThornscrubTortoise@ AGATGTGTGCT---CTTATGTTACTATGTGATTATCCTAAGAATTTTAAAAC-TGTA CTTATTGCTTTAAGAAACTC 40870
    
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Majority      -----GCTTTACTTAAATGAGAAACTTGAATGAAAAGGAGT----TTGG----GTTGTGTGTGT-TGAGGGTTTGGATT
              45450    45460    45470    45480    45490    45500    45510    45520
Human         ATGAACATCTTCCCTAAGCAAGAGGCTTTGAAAGAGTTGAATAATGTATGGAAAATGGTGTGCTTAAAGATTTTTTACAT 45230
Kakapo        -----GCTTTACCTAAATGAGAAACTAGAATGAAAAGGAGT----TTGG----GTTGTGTGTGTGTGAAGGGTTTGGATT 17039
GoldenEagle   -----GCTTCACTTAAATGAGAAACTAGAGTAAAAGGAGC----TTGG----GTTGTGTGTG--TGAGGGTTTGGATT 18888
JapaneseQuail -----GCTTTTCTTAAATGAGAAAACGCAATTAAGGGAGT----TAAGA---GTTGTGTGGG---GGGCATTTGGATT 16268
MediumGroundFinch -----GCTTTACTTAAACAAGAAACAGCTATGCAAAGGAG-----TTGTGTGC---CAAGGGTTTGGGTT 3691
GoodesThornscrubTortoise@TGG-TATTTTTGTTTTTAAAGAGGTTGGATAATACAGACT---GCAAGTAGTTTGTCTATCTGTGACCACTTCATTC 40945
    
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Majority      TGAGCAGTGGGT--GGGAGTGTGAGTTCATTGTTAACAGGACAAAGT-----TCCTGAACGTTACCAA-TTTTCCATG
              45530    45540    45550    45560    45570    45580    45590    45600
Human         TCATATACAATGAATAAAATTTATATGCATAAAATAAAGCATTACCTCATGCCTTCTTAACTGAACATAAACATTTGAAT 45310
Kakapo        TGGGCAGTGGGA--GGG-----AGAACACTGTAAACAGGACTAAAT-----CCTGAATGTTACCAA-TTTTCCATG 17103
GoldenEagle   TGGGCAGTGGGA--GGGGGAGGGAGAGCACTGTATCAGGACAAAGT-----CCTGAATGTTACCAA-TTTTCCATG 18958
JapaneseQuail TGAGCATCGAGTATGGGAGTGGAAATGTCATTGTTTACAGGACAACTAGTTTTTCTGAACATTCTGAAAATCTTCCATG 16348
MediumGroundFinch TCAGCAGTGGG-----CATTAAAG-CAGGACCAAGT-----CCTAAACATTACCAA-TTTTCTATA 3746
GoodesThornscrubTortoise@GACTTTTTGTTTCAGTACTGTGTATTGTTTCATTAACACAAATGGAATATTTTTAAAGTACCATACTGCATTATC 41025
    
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Majority      TATTTTTAGAGAACTTTTAGTTCAGGAA-----AGCTAAATGTAA-GTTAATTTATGAAAGG--AAAAA
              45610    45620    45630    45640    45650    45660    45670    45680
Human         TATTACTGGTTTTACACGCCCAAACAAAAGTTCGGGTTTACTGGAGGAATGGAAGGGAAAGATCTCTTTCATTCCCCCA 45390
Kakapo        GATTTTCAGAGAACTTTTAGTTCAGGAA-----AACAAAATGCAA-GTGAATTTATCAAAGG--GAAA- 17165
GoldenEagle   TATTTTGAAGAACTTTTAGTTCAGGAA-----AACTAAATGTAA-GTTATCAAAGGAAAAA--AAAAA 19021
JapaneseQuail TGTTTGTAGAGGAACTTGAAAATGGGAA-----AGCTAAATGGGT-GTTTATTTATCCAAAG--GAAA- 16410
MediumGroundFinch TATTTTGAATAAACTTTTAGTTCAGGAA-----AATTAATGCAA-ATTAATTTATGAAAGG--AAAAAG 3809
GoodesThornscrubTortoise@TTTCTATCAGAACTTTTGCTTAATTTTTACTATTGTTTTGGTTAACTTAATATGAATATGGAATATTAATAA 41105
    
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Majority      GAAAGC--AAGGGATTC--AAAATTGAAATATGAATTAGTAGAATTTTAGGTTTTTATGACAAGAAAT-ACTGAAGCTTG
              45690    45700    45710    45720    45730    45740    45750    45760
Human         GTAAACCTTTCCCATTC--AGGATCATGGGAAGATGCTGAAGAATGTGAGAACTGTAACACAGGCAGA-CCTAATGCTTC 45467
Kakapo        -----AACCTGAAATATAAATGAATGTCACATATGCGTTTTTCAGGCCAAAAAAT-ACAGAAGCTTG 17224
GoldenEagle   AAAAGCTAAAGGGAAAAACAAAATTGATATATGAATTATTAATTTTGGTTTTTCAGCAGAAAAAAT-ACAGAAGCTTG 19100
JapaneseQuail -----A-----GAGTTAAAAGCTAAAGGAGT--AAGAAAAGAACTATATGTTTGGGTTT-TCTGAAGCTTT 16468
MediumGroundFinch GAGGG--AAAGGAAA--AAAATTGAAATAAGAATTAT---AATTTAAGGTTTCGTAACAAGAAAT-ACGAAAGCTTG 3880
GoodesThornscrubTortoise@AAAACTTCAGTTATTCAGTAAATCACATTATGATTCTGTAGATTTGTTTTTGTGTTTTTACTCCTCATTGTAACCTG 41185
    
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Majority      TCTAAGAAGCCTTAA-ACTT-TAAATACAAATCTTTTTTGCTCAAAAAGTCTTTA-----AATGG--AAAAGAGTGC
              45770    45780    45790    45800    45810    45820    45830    45840
Human         ATAAGCTAATGTTTCCATTTTTGGACCCTTTTTCGGTGTGTCTGGAGTGTGTTTATATTTGAAAATAGGCTTTGTTATAT 45547
Kakapo        TCTAAGAAGCCTCAA-ACTT-TAAATAGAAATCCTTTTCTCCTTAAAAAGCTCTTAA-----AATG---AAAAGAGTGC 17293
GoldenEagle   TCTAAGAAGCCTCAA-ACTT-TAAATAAAAATCTTTTCTCCTCAAAAAGTCTTGA-----AATGG--AAAAGAGTGC 19170
JapaneseQuail TCTAAGAAGCCTTAATGCTT-GTAATGTGAGTTTTTCTCATTT--GGGAGTTATT-----TGG--AATAAATGGC 16533
MediumGroundFinch TCTAAGCAGCCCC-----TACATACAAATCTTCCTT-----AAAATCTGAG-----AATGG--AAAAGCATGT 3939
GoodesThornscrubTortoise @GGAAGTAGTCTTCTGAAAT-CTCCCAAAAGCTCACTTTTGTCTACTAGCACTATACTTGCTGCTAG--AAAGGCCAGA 41262
    
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Majority      T-TT----GATTCCATT-ATGTGGATTAC-----GGAGTTTGATGTATTTT-AACATATACATTCTT-CTGCTTTCCA
              45850    45860    45870    45880    45890    45900    45910    45920
Human         TATTAAAGGAGCCCCCATTCCCAGTTTCACATTCTCATAGTATCATTTATTTAAAATGAAGACTTTTATAATATTTGGCA 45627
Kakapo        T-TT----GATTCTCTG-GGCACCCTGTGCC-----AGCGCCTCA-GCACCT-CACAGGGAAGAACTT-CTGCCTTAGA 17359
GoldenEagle   T-TT----GATTCCATT-ATGTGGACTTG-----GGAGTTTGATGTATTTT-AACAAATACGGA-TT-CTCCTCCCA 19234
JapaneseQuail T-TT----GATTCCATA-ATGTGGATGGAT-----GAGTTT---GTGTTTA-ATGATGCAAATTCTC-CTACCTTCCA 16595
MediumGroundFinch T-TT----GATCCTGTT-AGGTTGATGTATGGGATAGAAGTTTGATGTATTT--AACAGATACA-----TTGCTTCCA 4005
GoodesThornscrubTortoise @ATT----GACTTCATTTGAAGCCACTTCTGTGTTCAGTAAGAAACAAATC-ATTATTTTTCAGCATTACTGCCTTCTC 41337
    
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Majority      TCTTGTTTTTATTTCCT-----T-----CA--CTGGTTCAGGATTTTGGTTTTGTCAATGTTTTTGGAATTTTTTTGTTT
              45930    45940    45950    45960    45970    45980    45990    46000
Human         CTAAGATATGAATACTTAGTAGTCACCTCATGGAAGCTATTAAGTGGAGTGTGTCAGGTAGTAAATGTTGATAGTTT 45707
Kakapo        TCTAACCTGAACTTCCC-----CTGGTTCAG---TTTGAACCCATCACCCCTTGTCTATCGCTCCAGTC 17421
GoldenEagle   CCTTGTTTTTGTTCCTCCCTTTT--TAAG--CTGATTTAGGGTTTGGGGTTTGTGTTGGTTTGTGGGATTTTTTCTTG 19310
JapaneseQuail TCTTGTTTTTAGGAGAC-----A--GTTTCCAAACAACTGATCTGT----TTTATACAAGCCAAACCTCT 16656
MediumGroundFinch TTTTGTTTTTATTTCCT-----AG--CTGACTGAGGGTTTGGGTTTTAT----TTTGGGAGTTTCTTTGTTG 4067
GoodesThornscrubTortoise @CCTGGTGGTAGATTATGGTGGTT--TCCATTATACTTCCCTAATTTGGCATTGCACCTTATTTGCTAGATCTAGTAGAT 41415
    
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Majority      -----A-----TCTGTTGGAGAGTT---A---ATTT-----T---T-T-TGTGT-GGT---TAGGTTTC
              46010    46020    46030    46040    46050    46060    46070    46080
Human         ACTACAGTAACTGGCTTGGTCTTTGGGAGAAGAGGACAGATCTTTTTTAGGCAACCTGTATGTAATGTAATGTTTGT 45787
Kakapo        -----CCTGATGCAGAGTC-----CCTC-----T---CCAGCATC 17448
GoldenEagle   GTACCAAAGAAAAGCA--TTTGTAAAGAGATTTTCAAATGAATTTATCTTTACATTT-TATACAGGT---CAGACCTC 19384
JapaneseQuail -----TGGT---AGGT-----TTC-----TAGGCATC 16675
MediumGroundFinch -----CGTGT--GGGAGT-----ATTC-----T---T---GGTGTGGGT---GGGGTTTC 4101
GoodesThornscrubTortoise @GTTTAGTTTTGCTGCCATGCCACTGAAGGAATATCTAAGATGTTTAGCATCTATTGT-TACGTCAGTAGGTATATTTT 41494
    
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Majority TTAGTATGTGCTTTTTAGTCGTTTTTAAGGATAACTGA-T----AGTAATGATCTCATTATGAA-GCAGCTGTGGTCTGA
 46090 46100 46110 46120 46130 46140 46150 46160
 Human TGAGATCCTACTATAGTGTAGTTGTTGAAGAGCACAGACTATGGAATCATGCTCCCTGAGTTTAAATCCTTCTCTGCTAC 45867
 Kakapo CTTGTA-GCCCCCTCAGACA-CTGGAAGCTGCTCTGA-----GGTCTCCACG-----CAGCTTCTCTTC-- 17506
 GoldenEagle TTGATATG---TCTCTAGGCATACAGAAGCATAAATGATTTCTCAGAAATGATCTCATTAAACAA-GCAGCAGTGCCTCTGA 19460
 JapaneseQuail CAAAAGT-----TAAGTGGTTTCCAAGGAAAAA-----AATAATCTCATTATGAG-CCGCAATGGTCTGA 16739
 MediumGroundFinch TCTGTTTGGGTTTTTTTGGCATCCATAACCATAACTCA-----AGAAACAATCTCATT-----GCAGCAGTGGTTAGA 4170
 GoodesThornscrubTortoise@GAAGAGGTGAATTTTCATTG-GGTCAAAGGTAAGTGAATATGTATTGGTAGTAACAATATGAATATATCTATAAGCT-- 41571

Majority GTCGTG-TCTAGTTCCTGTAGTATCTGTTTCCCTGTTATTAAATTTTTTATTTTTATTGTGTAATTTGTAAAGGATATTCA
 46170 46180 46190 46200 46210 46220 46230 46240
 Human TTCCTG-TCTATACCACTTAGTAACTATCTAATCTTGGGCATTTAACTAATGTTACCTGTAATGGGGTTGATAGGTCA 45946
 Kakapo -----TCCAGGCTGAACAGCCCCAATGTTCTGGTTTTGACCTTGCTGTTTTCAACATCTGATCCCC---TGATACTTT 17576
 GoldenEagle GTAGTGGTCTGGTTTCTGTAGTATCAGTTGCCTGTTATAAAAGTTTTTCATATTAGTTGTGCAGTATATAAAGGAGGTTGG 19540
 JapaneseQuail G-----ATAAGTTCCTGTAGTATCTGTAACAAATTTTGATATTAAGTATAAAGGAGTATCTGGAAAAGTACCCA 16813
 MediumGroundFinch GTTGTGATCTGGCTCCTGTAGTATCAGATGCCTGTCATTTAAAGTTTCATATGAGTTTCAAGTATGTAAGAAGATTGG 4250
 GoodesThornscrubTortoiseTCTGAACCTTTTTCTTTAAATGCTTTGTTTATAATACATATTTTTTTCTTTTTATTAGCGGGCTCAAGCTGTTCTTCA 41650

Majority TGG-AAAAACAAT--CCCAGACAAACAAAACCTCC-----CCATTGTTAGTG-CAGT---GTTTTAATTCAAGTC
 46250 46260 46270 46280 46290 46300 46310 46320
 Human TAATGATAGCAAT--CTGAGAGTTGTAAATGCCCCGCATGTAGTTAATTAGCAGTGAATATTAATATTTGATGCAAAAT 46024
 Kakapo TCC-AAACACATA--CCTAGATGAACAGAAGAA-----AGAGTGTGTTGT--CTTT---GTAATTCTCTGAGCC 17636
 GoldenEagle TGG-AAAAATAGT--CCCAAACAAACAAAAACC-----CCAATCTGAATG-CAGT---ATTATAATTCAAGTC 19602
 JapaneseQuail GGA-GAAAACAAC--AACAAACAAAAAAACTCC-----CCATCACAATG-CAAT---ATTTAATTCAAGTC 16875
 MediumGroundFinch TGG-AAAAATAAT--TCCAAACAAACAAAAACC-----ACAATCTGAATG-CAGT---GCTGTAATTCAAGTC 4312
 GoodesThornscrubTortoise@GC-AGTAACAGCAGTACAGACAACAAATACTCCATTAGTGGAACTACTGTTAGTGAAAGT---GCCGTGACTCCAGCT 41726

Majority A-----TTCTTTATAGAGGTTTGTGGAAAGGGG-ACTAG-TTGT--TTTTGGCTGTTCTGTTGATTTTAAGCAGTT
 46330 46340 46350 46360 46370 46380 46390 46400
 Human AAAATTACATCTTTTCTATATTTTTTCCAAGAAG-----TCAAGATCTTTGCTTATCCTTTGATCTCAGAAGTT 46095
 Kakapo -----TTATTGGTAAAGGC--ACAGACAAAAA-CCCAG-TTGT--CACTAGCAGTGCCCTGAATTTAGGGCAAAA 17701
 GoldenEagle A-----TTCTCTATAGAGGTCAGTGGAAAGGGG-GACATTTTGG--TTTGGGCTTTTTTGTGTTTAAAGCACTT 19671
 JapaneseQuail C-----TTCCCTATAGAGGTATGTGGGAAGG-----T---T-----TGT---TTCATGCAGTT 16918
 MediumGroundFinch A-----TTCTCTACAGCAGTCTGTGAAAAGGGG-ATTAGCTTG---TTTGGG-TGTTCTATT---TTTTAAACATTT 4376
 GoodesThornscrubTortoise@AGAGTCCAGTACTTAGAATAATTATTGATAATATGTACTACCCTGTAACCTGGATGTTCTTACCAAGTAAGCCAGTT 41806

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Majority	TCTTGG----TAT---TGTTTTCAAGCTTCTTTT-T-----TCTGTCTACATTTTTTAAATAGCATT-AA-AAATATCCT	
	46410 46420 46430 46440 46450 46460 46470 46480	
Human	TCCTACGTTCTTTCTGTGTTATTTCAGCTATTTTACTTCTGCTTAATATCCACTATCCAGAAAACATCCAACACAAATCCA	46175
Kakapo	TCTTG-----TGTTTCACAGCCTCATTT-----CTTACTAAATACCTACTGTAGAACT-----ATTACCCT	17757
GoldenEagle	TCTTGG----GAT---TGCCTTCAAATTTCTCTTCTGCCTGTCTGCCTGCCTTTGTAAAATAGCATTTAA-AAAAACCC	19743
JapaneseQuail	TTTTGG----CAT---TATGTTCAAGCTTCTATT-----CTGCCTACTTTGGTTAAATAGCAT-----GCAGATTCT	16978
MediumGroundFinch	TCTTGG----TAT---TGTATTCAAATTTCA-TT-----CTGTTTGTCTTTTGAAGTAGCAC--AA-AAACCCCT	4437
GoodesThornscrubTortoise	CTCTATGTAACCT---TAGTTTATATGTTTTGTAATAAATTTCTATACATAACAATCTTGTTATTTTTGAC-AGATATTCT	41882

Majority	GTAGAGAAGGTTAAGTCTTCATTTTCAGTGTATTT--CTGAATATATCCTCTCATATCTTTTTTTTT---TTTATTGTGA	
	46490 46500 46510 46520 46530 46540 46550 46560	
Human	AAATAAATTATTTAATTTCCTTAATAATAGGTTTAGGCAGGCTTTTGCCTTTTGGGAATTATTTTTGGAAAATCATTGA	46255
Kakapo	AAACCAAGTTTTAGGGGTGAAACTGGGAGATGTTT--TTCATTGTG----CTCATCTGTGTC-TTTT----ATCACAGTGA	17826
GoldenEagle	GTAGAGTAGGCTAAGTCCGCAGTTCAGTGTATTT--CTTAATATATCCTCCCATCTCTCTCTTTT---TTTAGTGTGA	19817
JapaneseQuail	GTAGAGCAGGTTAAATCAACATTTCCGTTGTTATTC--CAGTATGTGTATGTTCTTATATCTGTCTTG---TTTATTAGGA	17053
MediumGroundFinch	GTAGAGAAGGATAAATCTTCTGTTTCAGC-----TT--CTGAATATATCCTCTCATAGCTCT-TTTT----TTTACTGTGA	4505
GoodesThornscrubTortoise	CTAAATTTGGTGTGTGTTGAAGATAATCACATTC-CAAAGAATAACCAATTTCAAGCTTTACTGC---AATATGGTGA	41958

Majority	ACCTGGAAG--TACTTTTTCCAGACTTGCTCAG-----TTTTACAA-----TTTCAGATTGT-ATACTC-	
	46570 46580 46590 46600 46610 46620 46630 46640	
Human	AAGGGGAAGCCTTTTTTCTCCTTATGGGTACAGTGATAGGTAGTATCTTTATTGGTCTTTTTTTTCCCTGTCTTTCTCC	46335
Kakapo	CAGTTCCAG--TAGGGTTTTTTG--TTCCTCAG-----CTGCCA-----TGCAGTTAGA-ATACT--	17876
GoldenEagle	ATCTGGAAG--TACTTTTTCCAGACTTGACACAG-----TTTTATAA-----GTTTCAGATTGT-AGACTC-	19872
JapaneseQuail	ACCTGGAAGG-TACGTTTTCTAGACTTGCTGGGT-----TTCTTTTACAA-----TTTCAGATTAC-AGATGC-	17115
MediumGroundFinch	ACCAGGAAG--TACTTTTTCCAGACTTACACAG-----TTTTACAA-----GTTTCAGATTGT-AAACTC-	4560
GoodesThornscrubTortoise	CCAGTAAATGCACAGCAAGCAAATTTGGTAAGTA-----CAAATTAAT-----TTTGGGCTAGTGATATCC-	42021

Majority	-AGAAGTAATTGGATG-----TGAAATGGAACTTG-TGTGTTAATTTTTTTG-TACCCATT-----	
	46650 46660 46670 46680 46690 46700 46710 46720	
Human	CAGAAGGAAAAGGACAGACCAAATTAGGAGAACTGAAATTTGCTTTTTTGAGTATCCTGATAC-CATAACTAT---AAC	46411
Kakapo	--GTAATACTTTAATGC-----TTTTATGAATACTCT-TGCTCTAATTCTCTT-----CCTT-----	17925
GoldenEagle	-AGAAGTAATTAGATC-----TGAAATGGAAACCCA-TGTGTTAATTTTTCTG-TACCCATT-----	19926
JapaneseQuail	-AGAAATGATTGGGTC-----TGAAATGGAAACCTG-TACATTAATTTTTTTGTACCTGTC-----	17170
MediumGroundFinch	-AGAAGTAGTTAGATG-----TGAAATGAAACC---TCTGTTAATTTTTTTG-TAGCCATT-----	4612
GoodesThornscrubTortoise	TGTGGTGTGGAATTGTT---ATTATTTGTGCAGGGTATTAC-TATGACACTGATTTAACCACACATCTTTTATTAAA	42096

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Majority TCATGAAGCC--AAATGGGTTT-----AAGTATCTTTTC--TGTCCAAA-----TTAATGTC-----TTCCTTATGC
 46730 46740 46750 46760 46770 46780 46790 46800
 Human ACATGGGGCTTTAGGTGGATTGTGAAGTATTTGTTCTCGTTATTCAAACAACTAATGAACAAGAACAATTATCAAGT 46491
 Kakapo AGAGAAAGGC--ATGAAAGGT-----GCCTGCTTTTGC--TGCCCTGT-----AGGGCGTC-----TTACATATG- 17981
 GoldenEagle TCATGAAGCC--AAATGAGTTC-----AAGTATCTTTTA--TGTCCAAA-----TTCATGTC-----CTCCTTTTGC 19984
 JapaneseQuail TCCTGAAGCC--AGATGGGTG-----AAACATCTTTTA--TGTCCAAA-----CTAATGCC-----TTCCTTTTAC 17228
 MediumGroundFinch TCCTGAAGCC--AAATGAGTTC-----AAGTATCTTTTC--TATCTGAA-----TTGATGTC-----TTCCTTATGC 4670
 GoodesThornscrubTortoise@CTGAAGGCC--AAATGGTATTTATACAATTGCCTCAAACCTTGCCATAAAAAGCATAAATAAAG--CAGTTTACTACAT 42172

Majority TTCAGTTCTCTTATTACTTTTT-----TCTTGAAAAGAATTTAAAACCTTTAGTGAAC---AATTTTTTTTTTTTATC
 46810 46820 46830 46840 46850 46860 46870 46880
 Human TTCTGTACTIONAGACTGCTTTG-----TCAAAAAAGGTCTTAGTCTGTATCAGAATAATATGTGTTCCTTGTGAC 46563
 Kakapo ----AATCCCTCCCTATTTTT-----GGTGAAAGAACTTGCAGAATTGTTGGAC---AACATTAAGTTTGCATT 18044
 GoldenEagle TTCAGTTCTGTGTTACTTTTT-----CTCTTTAGAAGAATTTAAAACCTTTGTGAAC---AGTTTTTTTGATGTAGC 20053
 JapaneseQuail TTCAGTTCTCTTATATTTTT-----TCAGCAAATGAATTTAAAACATCAGTGAATA---GGATTTTTTTCAGCTATAGC 17298
 MediumGroundFinch TTCAGTTCTGTATTACTTTTT-----CTCTTCACAAGAATTTAAAACCTTTAGTCAATT---AACTTTTTTTTTTTTT 4741
 GoodesThornscrubTortoise@CAAACAGTAACAAAACATTTATAAGCATTTGAGGAAGAAATTTACAAATGGGCTAAACCCAGGATACTTACTTCCATA 42252

Majority TGAGTTGTAGT-----AGTATTGAATCTTTTCCGATT-----T-TTTATGGC-TTCAGGGAATCTGTAA--TCA
 46890 46900 46910 46920 46930 46940 46950 46960
 Human TGATGCCGATTGTTGTGTGTGCCATTATGTGTTTTAAAGTATATGTGTATTTTTTGGATTCTGTGCTTTAGCTT--ACA 46641
 Kakapo CGTATTG-----ATTATTGAACTACTGGCAATTTGA---T-CATATGGA-ATTAAGGAAGATGCTA--GCA 18103
 GoldenEagle CAAGGCATGGT-----AGTGATAAATCTTCTCCGATT-----T-TGTAGGGC-TTAAGAGAATCTGTAA--TCA 20114
 JapaneseQuail TGAGCCA-----TCGTAGCTTTCCAGGGCC-----TA-----TTGAGAGACTCTGTAG--TCA 17344
 MediumGroundFinch TTTGCTGTAGCCAA-----GGTGATGAATCTTTCCAGATT-----T-TCTAGGGT-TTCAGGGACCCTGTGA--TCA 4805
 GoodesThornscrubTortoise@GAGTTCCAACATGGTTATTTAGCAATGAACCCTTAAAGAATTTATTTT-TTTATACCGTTCAACAAACGTGTAACATCA 42331

Majority TTTC---TTAAGTCTTTGTAAATGAGACATGTTGTAGAACTTGCCATA-T-C-A---T-AATCC-----TTATA
 46970 46980 46990 47000 47010 47020 47030 47040
 Human TTTTCAATTAACGGGCCTAGAGATGATTT-TGTTAGATAAGATACTACAAAATGCAAAGTTTCAGTCTCTTCCTTTTGACA 46720
 Kakapo CGT---TTGACTGCTGTCCAAAAGACAT-TGCTCAAAGTACAAGGCAATA---C-----TTGAG 18155
 GoldenEagle TTGA---TTAAGTCTTTGTAAAGGAGACATGTTGTAGAAATCTGCCTAAATTTGTAATTCTTAAAAC-----TAATG 20183
 JapaneseQuail TTGC---TTAAGTCTTTGTAAAGGAGGCATTTTCATAGAACTGACCTACT-----CTGTA 17397
 MediumGroundFinch TTTA---TTAAGTCCCTTGTAAATGAGACATGTTGTAGATACTTGCCATG---T-----AAAAC-----TAATA 4864
 GoodesThornscrubTortoise@TGCCAATTACTAACTTCAGATAAAAAACAGTTTGTAGACAATTCATCCTTAGTTCTAGTCTTAATCC-----ACATA 42403

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Majority	CTTTTCTTGCCCT-TTTCGTTCTTAGAGTTTG-ATGTGTCTTGATGTTATTG---AGAGATTTGTTTCATTGTTTTCTGGA	
	47050 47060 47070 47080 47090 47100 47110 47120	
Human	AATTGAGGTGCCCTGTGCGCACACAAATCTTT-GTCAGTAGTGAAAGGACATGTGATAGCTTCCTGTAGTTTTTTCATAT	46799
Kakapo	CATTTTCTAACCAGCTTTGTCATCAGTATCC--AT-CCTACAGACTATATAG---ATGAAATTGG-CAGTGTGTTT---	18224
GoldenEagle	CTTGTTTTGGCT-TTTCATTCTTAGAGTTTGGAGGTGTCATGATGTTAT-----GAGACCTGGTCATTGTTTTCTGGA	20256
JapaneseQuail	ACTCTT-TAATCTAATGCCTGCTTGGAGTTTG-GTGTCAATTTATGAGACC----TGTCCATTGTTGGTTTTCTTTTGA	17471
MediumGroundFinch	CTTGTTCTTGCCC-TTTCATTCTTAGAGTTGGGAAGTGTGATGGTGTATTA---TGAGACTTGGCCATTGTTTCCAGA	4940
GoodesThornscrubTortoise	AGATTTACAACCTCCTTTCTTCCAAATCCTTTCTCCCTCCTCCTTGCTGACAAGCAATTTTCCATTGCATCTTGGT	42483

Majority	TTATGTAGAAACCTATTCTGGTTTT-----TATGTTGATATTTTCAATATCTGATTCC-TTATATTTTTCTAAA	
	47130 47140 47150 47160 47170 47180 47190 47200	
Human	TTCTGGAGTGGTGAAGAGCTACCCAGCCAAGATTTTCAGGGCAATATATTCAGAAGCCAGAGCT--TACTCTTCTGTACA	46877
Kakapo	---TGCTGACACTCACTACAAGTC-----AAGTGAGTGTCTTAAGTTCCCTCGTGTG---TCTTTTGCTAAA	18284
GoldenEagle	GTATGTAGAAACCTATTCTGGTTTT-----TACCTTGATATTTTCAACATCTGATCAC---ATATTTTTCCAAA	20322
JapaneseQuail	ATACATAGAAACC---TCTGGTTTA-----GTTATTGATGTTTTCAACATAAGATTCCATTATACTTT-CTGAA	17536
MediumGroundFinch	GAATATAGAAACCTATTCTGGTTTT-----GACTGTGATATTTCAATATCTGACTCTGTGATATTTTCTAAG	5009
GoodesThornscrubTortoise	GCATGTAGGCTTTAACCCAGTATGCAGGGAAGGCTTATGCTGGCTTCTTTAAGACAGATTCC-TTTTGTCTTATTTAA	42562

Majority	CAGATACCTTGGTGAGCAGATGAA-AGTAAAGGTTTGCC-TT-----TATAATCCTCTGTGCCTTTTATTGGTTAAAGT	
	47210 47220 47230 47240 47250 47260 47270 47280	
Human	AAGACAACCTAAGGGGATTTTAAATGCATTGGCTTGCCGTTCAAGTATATAAACCTAAGTGAACCTCCTAGAGTAAAAT	46957
Kakapo	GA-ATAGCCT-----TAGAAGAA-AGTTCAAGTTGGA-----TAATTGAGGATGACTTCCAT--GTGGGTTC	18342
GoldenEagle	CAGATACCTAGATGAACAGAAGAA-AGACACAGTTTGT--TT-----TGTAATCCTCTGAGCCTT--ATTGGTAAAAGC	20391
JapaneseQuail	CAGATGCTGTGCTGTGAACCTTCACTGGTAAAAGTATGCAATC-----CAGAAAACAGCATTGCTCTAACAGGCCTAAAT	17610
MediumGroundFinch	TAGATAGCTAGGAGAACAGAAGAA-AGAGATGGTTTGTG-TT-----TGTAATCCTCTGGGCCTTTTATTGGTGAAAGT	5081
GoodesThornscrubTortoise	AACCATCTGCAGTCCCCCTAAACATCAGAGGCCTTCTTTT-----TAGAAACTTCACTTATCTTATTAGCTATTCT	42636

Majority	TTACACCATCAATAG-----TCCAGTTGTTATTACTT-----CTGCTTTAGTAATCCTATACTTTGAATA-----	
	47290 47300 47310 47320 47330 47340 47350 47360	
Human	ATGACTTAAGTATAGCTTGAGTCCATATATTATCACTTAGAGATACCTTCTCTGATCATCCAATAAAGTCATTACTACTA	47037
Kakapo	TTTTACCAC--ATAG-----TTCTGGTCTTATATCTC-----CTGCTTTA-----CACATAGTTTGATTA-----	18395
GoldenEagle	ATACACAATCAAAAA-----ACCAGTTGTCACTAGCA-----GTGCCCTAGCAGGCCTAAACTTAGAGCA-----	20451
JapaneseQuail	TTAGAAGAAAAACTT-----GTGAATTGTTCCCTCCT-----TTCTTTTG--AAATCCACACTGCAAAGAT-----	17669
MediumGroundFinch	GTACACAGTCAAAAA-----AGCAGTTATCAATAGCA-----GTGCCCTAGCAGGCCTAAACTTTGAACA-----	5141
GoodesThornscrubTortoise	GTGAACCAGACATCC-----TCTCTACTTCATTCCTT-----CTGGCCTTATAATTTAGTATTTTCAAGGCCTGCC	42702

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Majority      -AAATCTTGCTTGTC---ACAGCCTTTTTTCTGTGAATCTCTGCTTTAG---AAACATTTACCT--AAACCAATCTT
              47370      47380      47390      47400      47410      47420      47430      47440
Human         TCAATCTTCCAGTCCTAGACAAAGTAACTTTTAAAGCACATCACTGTTTTACCTCACAGCATATACCGTAGAAAGTATCTG 47117
Kakapo        -CTGTCCTTAGTGTT---GTCGCATTTTCGTTTCAGTTAAGCATTTCTATTT---AGACATTCA-----AGATTATTCTT 18462
GoldenEagle   -AAAACCTTGTAATC---ACAGCCTCTTTTCTTCTGAATCTCTGCTATAG---AAATATTAACCT--AAACCAAATTG 20521
JapaneseQuail -ATATCAAACCTTCTT---ATAAAACAATTTGCCTCAGACCTGTTGCTGCT----AAGCAGTGGTTT--TAAAACTCTT 17738
MediumGroundFinch -AAATCTTGTCATC---ACAACCTCATTTCTTTC-----TCTGCTGTAG---AAATATTAACCT--AAACCAAATG 5205
GoodesThornscrubTortoise@TCAACTTGCTTGTC---AGGCCTTTCTTTACAGCACGTGTATTCTCTTAA---CCAAACTTAAGC--TAACCCTGATT 42773
    
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Majority      CTTTAGTTTCTAAATAATCTAGCTTTTCA-TGGAAGTTATTGGTTTTGGTTGAATTGAGT-----T-GTTGTGTCT
              47450      47460      47470      47480      47490      47500      47510      47520
Human         GTTCAGGTACTAGTTAGTCCAGCTCCCTACTATAAGGTATCAGGAATCATATAATC--ATCTTGTTCACTCTCTGTACCC 47195
Kakapo        CTTT--TTCCTGAATGGGTTTGAGCAGTA-TGGCAGAACATCAGTCTGAGGGAAC--AA-----TCACATCT 18524
GoldenEagle   CTTAAGTTGTCAAAAAAATGGCCTTATCA-TGGAAGTGGGTGGTTTTGGTAGAACTGGAG-----GCTGTGTCT 20589
JapaneseQuail TTTTTTTTTCTCCAAACAAGACCTGTTCA-CAGAAGTTGTCACTTTCTGTTGAATTGAGCTGTCTTTGATGGTTCTGTGG 17817
MediumGroundFinch CCTAAGTTGTCAAAAAACCTACCTTTTCG-TGGAAGGAAGGGTTTTGGTGGAACTGGGG-----GCGGTGTCG 5273
GoodesThornscrubTortoise@TTTAATTTTCATATTTATCTGTGTGGCT-TACAAGAGATATTTGAAAAATGTGTT-AGTGTAAAGACATTGCTAATTTTA 42851
    
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Majority      TTAGGG-GTAAACCTGGATGTGAGGTTTTTTAAATGATCATCTTATCTTTTATCGTAGTAATAGTCCATTAG-----
              47530      47540      47550      47560      47570      47580      47590      47600
Human         TCAGAACGTAAACATTGCTAGACACATCCCTGAATACCCAGTAAATG--TTTAAGGAATTAATGAGTGAATTAATTTTG 47273
Kakapo        ACTAGC-TCACAGTTGGTTGCAAG-----GGAGGCCAGCTTCTCATG-TTCCAGGTCAGCATTAGATGTTTTAA----- 18591
GoldenEagle   TTAGGG-GTGAACTGGAGGTGAGGTTTTTAAATGATCATCTACCCTTTTATCGTGGTAACAGTCCATTAG----- 20663
JapaneseQuail TTAGAG-GTAAAGTTCGACATGAGGTTTCTAAATGATTATCTTATCTTTTATCATAGTAATAGTCCCATGAG----- 17891
MediumGroundFinch TTATGG-GTGAG-CTGGAGATGAT-TTTTTTAAATGAACATCTACCCTTTTATCATAGGAAGAGTTCCTTTAGTGAGT 5350
GoodesThornscrubTortoise@TAATG-TCCTAAACTCTCCACTGCTTTTTAAAGAGAGTAATCTTTT-TTATACAGAGATAATGTGTACCCTAA----- 42924
    
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Majority      -----AATGTTTTTTTGAT---T-----T---GATTCAGCTGACATT-CAGTTAGAATACTG
              47610      47620      47630      47640      47650      47660      47670      47680
Human         AAGATACGTTGGAGACCAAGATAATCTGACAGTCTTATAGATGTTGTTGAACATACAAACACATTATATAGTTTATAG 47353
Kakapo        -----GTTTCTGACAT-----GGATAAGTTGAAGTTGCATTGTCAAACCA 18632
GoldenEagle   -----GTTTTTTTGGT-----ATTCAGCTGCTGTT-CAGTTAGAATACTG 20702
JapaneseQuail -----AATTTTTTTTAAAT-----ATTCAACTCTCTTT-CAGATAAAGTACTG 17933
MediumGroundFinch TGIGTTGGGGTTTTTTGGGGTTTTTTGTTGGTTGTTTTTTTTTTTTTAAATTCAGCTGCCATT-CAGTGAGAATACTG 5429
GoodesThornscrubTortoise@-----TAATTGTTGTTTTATGTGTTGTGGTAGCACTTATAGGCCCAATAAGATATCAG-GACCTCACTG 42988
    
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Majority      TAGTACTTTAATGCTTTTATAAATACTCTTGCT---CTAATTTTTTATCTTAGT---AG-----AAAG
              |         |         |         |         |         |         |         |
              47690   47700   47710   47720   47730   47740   47750   47760
Human         GTTGTGTTGAATGTTTTAGGAAATACCATAAATTACCTAAAGTTTTATACAAAATGGAGTATACATGTATATTTCTGAAT 47433
Kakapo       CAGACCTGC--TGCTTCCTGAACTACTCCTGGT---GTTTCCTTCACCTTTTC----T-----GAAA 18686
GoldenEagle  TAGTACTTTAATGCTTTTATGAATACTCTTGCT---CTAATCTTTTTCTTAGTCTGAG-----AAAG 20762
JapaneseQuail TAG---TTTAATGCTCCTAAAAGGATTTCTCATG---CTTATTTTTCTT-----AAAG 17979
MediumGroundFinch TAGTACTTCAATGCTTTTATGAATACTCTTGCT---CTAATCTTCTCCTAGT---G-----AAAG 5485
GoodesThornscrubTortoise@GTAAGTAAAATGAATGAGTAGAGTTTTTAGCG---TTAAAGTGTAGATTAATAAAAAA-----AAAA 43048
    
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Majority      GCATGAAAGATGT--ATTTTTCTATGTCCTATAGGGATTCTTG----CAGATGAATTGTTTCCTATTTTTTTGGGAAA
              |         |         |         |         |         |         |         |
              47770   47780   47790   47800   47810   47820   47830   47840
Human         GTGTCAAGATCCTTCATTTTAGCTAAGTCTCAGAAATATCCTTGAGATCCTAAAAGACTAAGAACCATTGATCTGGCATA 47513
Kakapo       ACATTGTCAAAGT--ATA--TGCTATTTTCTATCAGAATC-----ATGCTTGGTTTGACCTCTTTGGAGAGCA 18750
GoldenEagle  GCATGAAAGATGC--ATGCTTTCTATGCCCTATAGGGAGTCTTA----CATATGAATCCCTCCCTATTTTTTTGTGAAA 20835
JapaneseQuail GCATGAAAGATGT--GTTCCCTCTTTCTCCTTTGCAGGAT-----CATTTAAAAAGAAAA 18032
MediumGroundFinch GCATGAAAGAGGA--ATGGTTTCTCTGCCCTATAGGGAGTCTTG----CAGATGAATCCTTTCTATTTTTTTGTGAAA 5558
GoodesThornscrubTortoise@CCTTTGAAAAGCCAAAATCTGTCTTGAGCAACACAGACTGTGC----CAGCTAAATTGAAAATTGACTGGAAAGGAGA 43123
    
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Majority      GAAAATT-----CTTGCAAA-ATTT---TTGAATAA-AC--ATTTGATTTGCATTCTTAGTAA-TAATTTGAAC
              |         |         |         |         |         |         |         |
              47850   47860   47870   47880   47890   47900   47910   47920
Human         GTAGATATACTGCAAGTCCTTCAAACAACCTGTAATTTAAATATTACCTATTTTATAGGCATTTTGAATAA-TATTTTTATT 47592
Kakapo       CAACGCT-----CATGCAAAGATCT---GTGAATGA-ACTGGTTTTGTTTTGATGCCTAGCAA-TGACTGGAAA 18814
GoldenEagle  GAGAATT-----TTTGCAAA-ATTG---TTGGACAA-AC--ATTTGGTTTGCTTTCTTATTGA-TTGTTTGAAC 20896
JapaneseQuail AAGC-----CTTGCAAA-ATTG---TTGGATAC-GC--ATTTGTTTTGCATTGGTG-----TAATTTGGTGC 18086
MediumGroundFinch GAAA-----CTTGCAAA-ATTG---GTGAACAA-AC--GTTTGATTTGCATTCTTACTGA-TAATTTGAAC 5616
GoodesThornscrubTortoise@AAAAGAGAA-----CAAGAAATGACTTGCCCTTATTTAA-ATACATTTGAAGTACATTAGAAGTAAGAAGACTGTGT 43195
    
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Majority      CACTGGTAATTTTTTAAA---A-----T--A---AATTC-----AAGCATGTTGGACTA-TGT-----A-ATTAC
              |         |         |         |         |         |         |         |
              47930   47940   47950   47960   47970   47980   47990   48000
Human         TTTTGGTGAAGTTTTTGAATGAAGACAGTTAACTAATTTGTTGATTGAATTTATGTTACTTTACTTTAAATCTCACGGTAA 47672
Kakapo       ----GGCAGTTTAGGCA-----AATA-----AAACATGATCTAGTAACGG-----GATTC 18856
GoldenEagle  CACTGGTAATTTGATAAACAATATGGAATTAAGGAAAATTC-----TAGCATGTTGGACTGTTGTCCAGAGGACATTGC 20970
JapaneseQuail -ATTAACATTTATTTGA-----TAATATGAGCCACTG-----ATAAT 18122
MediumGroundFinch CACTAGTAATTTCTCTAA-----A-----A---AAGGC-----CAGCATGTTTGAC-----ATGGC 5658
GoodesThornscrubTortoise@ACTAGGCCTTCTAAAAAAGTACTAGTGGGCTGCCTGGGGTTCAGTTGAAAAGCATGATGAGATAGTGAAGTTGTTAAATGAT 43275
    
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Majority TGAAAAAATAATGCTTAATCCTTGAGCATTTTTGAA-ACATATTTGTCACCTGTATCCATCTTCAAGG-TGTATAGGTGA
 48010 48020 48030 48040 48050 48060 48070 48080
 Human CAGAATAAGGTAATTAAGTTCATGAGTGATTTAGAGTATATTGATGTTAATAGTCACAAAATATTAGGTAGTTTAGACGG 47752
 Kakapo TGAGAAAGCAGAGCTGAAGCC---AGCATATTTCAA-ACATATTT-TTGCCCTCTGCATGTTTTTAAAG--ACATTAGTTA 18929
 GoldenEagle TCAAAATACAAGGGCTGGTCCTTGAGCATTTTCTAA-ACAGCTTTGTCATCAGTATCCATCTTCAAGGGTGTACAGATGA 21049
 JapaneseQuail TGGATAAATGGTATGAAATTA---AGGAAAGCTGAT-GCATATTA---GACTGT-----TGTTCAAAG--AAATTGCTGA 18188
 MediumGroundFinch TCAAAATGTAAGGCCTGATCCTTGGGCCCTTTTCTAA-ACAGTTTTGTCACCTGTATCCATCTCCAGACTGTGTCGGTGA 5737
 GoodesThornscrubTortoise@TTTTTTCATCATTCTTACTATAGAAGATAATGGGAA-ATTAATTTTCCAGTGGCACACTTCAAAGGAAATGAGAATGTGA 43354

Majority ----A-----ATAGCAGGTT-----ATGTTAATATTCACTACAAGTGAATTTACTGTTTTAGGTACTTTGTAAGTCT
 48090 48100 48110 48120 48130 48140 48150 48160
 Human CAATAGTAATATATCAGGAGAGGCT-CATTGTAGATAAGCCAT-AATATGGATTGACTGCATTATCATTTTTATAAACTT 47830
 Kakapo -----CATACT-----A-ATTAAT-GTT--TATAAG--GACCTGCAGTGACAGG----ACAAGAGGGT 18977
 GoldenEagle AAGGAAATTGACAGTATGTT-----GTATTAATATTCACTACAAGTCAAGTTACTGTCTTAAGTACTTTGTGTGTCT 21121
 JapaneseQuail -----GAGTTT-----AAGTTATGATTC--T-CAAAC--AATTTCTG-AACAGC----TTGGTCATCG 18236
 MediumGroundFinch -----CAGCAGGTT-----ACATTAGCAGTCACTACAGGTGAAGTTACTGTTTTAGGTACTTTCTATGTCT 5798
 GoodesThornscrubTortoise@CTTACAGAAATTGAAGACTTAGTAATAAAGTTAAAGAGCAATTTGAAAACTCAAGTGATGTAAGTAC-TTGAAGAGA 43433

Majority TT-GTA---TGAGCTCAGCCTTAAGAA-A-TTTAGAGAAGTATAAAAT--TATATTTGCTTTGAAATTTCTTTTCTTTCT
 48170 48180 48190 48200 48210 48220 48230 48240
 Human TACATTCTTTGATCCCACCTTCAAGTACATTTTCAAATCAAACAATTTATA-ATTTCTCAGGTAAAATTATAATCTTCC 47909
 Kakapo TCAGGA---TGGGTCAAACCTGAACCA-----GGGGAAGTTCAGGTT---AGATCTAAGGCAGAAGTTCTCCCTGTGA 19045
 GoldenEagle T--GTA---AAAGAACAGCCTTAAAAGAAATTTAGACTTGAATAATTGAGGATGACTTCTTTGTGAGTTCTTTTACCACT 21196
 JapaneseQuail TT-----A-CCCATCTTCAAGAC-----TGTGTAGGTAATATA----ACATACTTCCAACCTCCCTTTATGGTT 18295
 MediumGroundFinch TTTGTA---AAGGAGCAGTCTTAAGAC---TGTAAGGAGCAGAATTC--TACACTTGGATTGAGATGACTTTTGTCTCT 5870
 GoodesThornscrubTortoise@GGTAT---TAGCTGAGTGTGTGAAGAAAATAGTGAGATATTGACAAGGGTGTGTGCTAAGAAGTCTCTGGCCCTATG 43510

Majority TAATTCTGATCCCTT--GT---T-TTTTGTGCAAAATTTGAT---TATTGTT--TATTGTTGTTGAATTTTCAT--TTC
 48250 48260 48270 48280 48290 48300 48310 48320
 Human TAATTTTGGTCAAACCAGTTTTTTCACTTTTTAAAAATGTTCATATTAGTTCATTATAAGATGATTAATTTACAAGATAC 47989
 Kakapo GGGTGTCTGAGGCGCT--G-----GCACAGGGTGCC---CAGAGGA---GCTGTGGCTG--CCCCAT--CCC 19099
 GoldenEagle TAATTCTGAACCCTTATATCTCCTCTTTTGGACATAATTTGAT---TATTGTCCTTATTGTTGTGGAATATCAT--TTC 21270
 JapaneseQuail TACTGCAAGTTACT-----AACCTAAG---TACT-----TGGTG-----TAT--CTT 18332
 MediumGroundFinch TAATACTGAACCCT--G-----TTTTGGACA-AATTTGAT---TATTGTC---ATTGTTGAGGAATTTTCAT--TTC 5930
 GoodesThornscrubTortoise@AACTTCACTCATTGAGATAGCATAAATAGTGA AAAATGCATTCCCTTACCCTTGTTTTCCAGGAAAATGTCAT--TTC 43588

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Majority      AGTTAAGAAT--TTATATCTAGATATGCAG-----ATTCTTGTTT-----CTGGATCAGTTTGTGA-----CAATATA
              48330      48340      48350      48360      48370      48380      48390      48400
Human         AGTCATAAATCTTGGGGATAGTGATGAGGATACTCTCGGAGAAATGCATTGTTAGGTAATTTTGTCACTGCATAAATGTC 48069
Kakapo        TGGCA-GTGT-TCAAGGCCAGGTTGGACA-----CAGGGGC-----TTGGAGCAACCTGC-----TCTA 19151
GoldenEagle   AGTTAAGCAT--TTATATTTAAATATACAA-----ATTATTTTTC-----CTGAATTAGTTTATAA-----GCCATATG 21332
JapaneseQuail CAGTA-AA-----AGAGCTACCTCAAAAAG-----GAAGGCAGCCTTTG-----ATA 18372
MediumGroundFinch AGTTAAGTGT--TTATATTTAAATATACAAAGATTTATTCTTGTTT-----CTGAACCAGGTTGGA-----CAGTATG 5995
GoodesThornscrubTortoise @TCTTGGAAT-A-GATTCTGGACATGCTGATCCATGTTTTTATCACCACCTCTGGATTGGATCATGA-----TATCTGCA 43661
    
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Majority      GCAGAAATATGATTCTGTAAACATTGAGGGA--AGAATCCTATCTGCTATA-----TTATGATTCTTTGCAAGGGAGGC
              48410      48420      48430      48440      48450      48460      48470      48480
Human         ATAGAGTACATTTGCACAAAC-CTGCTACACATGTAGGCTATATGGTATATGTAGCCTTTTGCTCCTAGGCAACAAATTT 48148
Kakapo        GTGGAAGGTGTCCCTGCCCATGGCAGGGGGTTGGAACGGATGAGCT-----TTAAGGTCCCTTCCAACACAAAC 19221
GoldenEagle   GCAGAAAATCATTCTGTAAACATTGAGGGA--AGAATCCCATCTACTAGA-----TCAGAAATTTGTTGCAAGGGAGGA 21403
JapaneseQuail AATGAGCATGACTTTGT-----GAGA----TTTTCTTACTGCTTAC-----TCTTGACTCCTTGCATCTG---- 18428
MediumGroundFinch GCAAAATATTTATTCTGTAAATATTAAGGGA--AGGATCCCATCCACTAGA-----TTAGAATTTGTAGCAAGGGAGAA 6066
GoodesThornscrubTortoise @CTGAAGTGAAGTGAAAAACACT--GAGACAAGACTCTGGTGTACTCTAAGCTA--TCATGTCTCTTTTAGAGGAAGGC 43737
    
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Majority      --CAGCATGTTACTGTTCTTGAT-CTGCAAATATTTATACTT----AATA-AAATCT-TTTTTTATGTTAGATGTGTAAG
              48490      48500      48510      48520      48530      48540      48550      48560
Human         GACAGCATGTTACTGTTCTGAATACTGGAGGCAGTTGCAACACAGTAATAAGTATTGATGTATCTAAACAGAAAAGGTAC 48228
Kakapo        --CAGTCTGTGACTGTCTGTACA-TTGTAATGATTGTACAT-----AAACCT-----TTCAGTGAAAC---TATG 19281
GoldenEagle   --CAGCTTGTAAG-GTTCCAGGT-CAGCAAATATCTAACTTTTCTAATA-AGTTCTCTTTTTTACGTTAGATGTTAAT 21478
JapaneseQuail --CGGTTATTTACTGTTCTTAC--CTGTGAGGAAATTCATTT-----AAACAT-----GTCTATTATAA----- 18483
MediumGroundFinch --CAGCATGTAAA-GTACAAGAT-CAGCAAATATCTAAGCTT----AAGA-AGTTCT-TTTTTTATGTTACATGTGTAAG 6136
GoodesThornscrubTortoise @TCTGGACCTTGACAGATGCTGAC-ATGCACAAAGTGATACTTTTCAGTCACAACAT-TGTCTTAGGGGACATCTACGTG 43815
    
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Majority      TTTCTGAATTTTTTAAACATCACTGATATTAG-TATGTTGAAGTTGTGTTGTCAGAACTACAGGCCT--TTTATTACTAG
              48570      48580      48590      48600      48610      48620      48630      48640
Human         AATAAAAATATGGTATTATAATCTTATGGGACCACCATTGTATATGTGGCCTGTCAATGACCAAAT--GTAGTTATGTG 48306
Kakapo        TTCAGGAAATACATAAC-TTATTTCTTATAAG-CAACTT--AGTTGC-TTGTC---CTGCAG--CT--TTTAAATCTAA 19348
GoldenEagle   TTTCTGAGCTTTTTTAGCACCAGCTGACATTGA-TATGTTGAAGTTGTATTGTGCAAGCCACAGGCCT--TCTACTACTGC 21555
JapaneseQuail ----AGCATATTTTATCGTCAGCTGGCATTGA-TATGTTGAATTTGC-----AGAATCACAGGCCT--TGCATGTGTAG 18550
MediumGroundFinch TTTCTGATGTTTTTAAACACCAGCTGACATGAG-TATATTTAAAGTTGTGTTCTCAGAACTACAGGCCT--TTTACTACTGC 6213
GoodesThornscrubTortoise @A-GTTTGACACCCAAGGCTGTCCCATGCTAGCTGACTCAGGCTCATGGACTTGGGCTAAGGGGCTGCTTAATTGCAAT 43894
    
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Majority      GTAAATGACTG---TCAGT--TTTCTTTTAGCTTTTGA-GAATGTTTGTCTGTTTTGATTTTCATTTTATTATCTTGCT
              48650    48660    48670    48680    48690    48700    48710    48720
Human         GCACATGACTG---TGATTGTATTCTTTAGTCATTGGACAGTTTCTTTATGAGATTACATTTTAATGTTGTTG-CTTATT 48382
Kakapo        GAAAGTCCCT----TC--T---TTTTAAGAACTTAAGA-AAAAGTGTGGTGGTGGCTTTTAGGCTCAACTTCTTGTG 19418
GoldenEagle   TTGAACCTA---CCAGTGTTCCTTCAGCTTTTCT-GAAGATATTGTCTGTTCTCATTTTC-TATTATAATCTTGCT 21630
JapaneseQuail -----TG---TT-----TTCTTTTAGCTTTTCA---GTGCTGAGTCCATTTTGACTTTC-TATCATAATCATGCT 18608
MediumGroundFinch TTAAACTACTG---CTAGT--TTTCCTTTAGCTTTTTTTGAAAATATTGTCGAAGTCTATTCTTATTCCATTATCTTGCT 6288
GoodesThornscrubTortoise GTAGATGTTTGGGCTCAGGCAGTAGCCTTGCTCTGGGACCTTG TG-AGAGGGTGGGACCCAGAGTTTGGGCTCCAGCC 43973
    
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Majority      AGGCTCTGATCTCTTTGGA-GAGCATAA---ACCTTGTTATGAACATCTTTGAATTGTTTATTTCTGTGTTGATGCAC--
              48730    48740    48750    48760    48770    48780    48790    48800
Human         AATAATTACTCTTTATAA--TACTGTTAAGAAAC--ATTAACAGCAATCTTAAATAGTTGATAATTTCAATTAATAAT-- 48456
Kakapo        AGGCCTTTTTCTTTTCAG--GTGAAGGA---CTGCCATATGGAAGTTTTAGAAGCAGTTATATATATGAAGATGCTC-- 19490
GoldenEagle   TGGTTCCGATCTCTTTGGA-GAGCATAA---CCTGTGCATAAACATCTGTGAATTCATTTTTT-TGTCTTGGTGCAC-- 21702
JapaneseQuail CATCTCTCATATCCTAGAA-GAGCGTAAGTAACCTTCTGTGAGAACCTTGAATTTGTTTCTTCATGAACACAGCAGC-- 18685
MediumGroundFinch CGACTCGGATTTCTTTAGA-GAGCATAA---TC---TCATGAAGATCCATGAGTTAATTTTTTCTGTGTTGGTGCAC-- 6358
GoodesThornscrubTortoise GAGCCCAAATGTCTTAGCCTGAGCAGAGTCACTGGCACAGGCCAGCTGTGGGTATCTGATTGCAGTGTAGATATACCC 44053
    
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Majority      -AA-A---TGACTTGAATG-GCAGTTTAGGTAAACTGACATTTGGTTTGGTAAACAGGATTTTGAGAATCCAGAGCTGAAG
              48810    48820    48830    48840    48850    48860    48870    48880
Human         -AATAGGTGGATATGATTTTATTCCTTTGAAAGCCTGGCATTTGAATTTTCAAGAATTTTAAAGTATTCTCAGCTATGT 48535
Kakapo        -AT-----GCCATGAATT-GCA--TTGACGAAACCC-----CCGCACACTCACAAAATTAAGGGATGTAGATACGAAG 19555
GoldenEagle   -AGCAGACTGACTAGAAAG-GCAGTTTAGGTAAACTG-----TGGTTTGGTAAACAGGATTTCTGAGAAACCAGAGCTGAAG 21775
JapaneseQuail -AA-----TGACTTGAAGG-ACAGTTTAGGTAAACTGAAGTACAGTTTGATAGCAGGATTTCTGAGAAACAAGAGCTGAAG 18758
MediumGroundFinch -AA-----TGACTAGAAAG-ACTCCTTAAGTAAACTAAAATATGATTTGGTAAACAAGATTTCTGAGAAACCAGAGCTGAAA 6431
GoodesThornscrubTortoise GAGAATTATAGAGGAAGA-GCCAGTTCTCTGTAGTGACATTTGGGACTTGTATGAGTATTGAGTATTTTAAATGATAGTA 44132
    
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Majority      CTTGGATCTTTTAAATGA-----TGTTTTGATACTGC-AATGTTTTAGAAGACA--TTAGTT-ATGGATATTGTAAA-
              48890    48900    48910    48920    48930    48940    48950    48960
Human         TTTTAAAGTCTTTTGGAAATTTGTAGTTTTTTTAC-ACAAATAGGAAAATTCATACATTTCTTTATTGTTGATATATAA 48614
Kakapo        -----TGAAAGA-----CGTTGATGCAA----GTTTTACAAAACGG-CTTGTC-AAAGACATGG----- 19603
GoldenEagle   CCAGGATATTTAGAAAA-----TATTTTTGACTCTG--GGTGTTTTTCAAGACA--TTAGTT-ATGCACATTGTAAA- 21842
JapaneseQuail -----CC----- 18760
MediumGroundFinch CCAGGATCTTTAAATAAATATTGCTGTTTCTGACCTTGCTAATGGTTTTGAAGACA--TTAGTA-AGGCAGATTGCAAA- 6507
GoodesThornscrubTortoise GTTGGGGCTATCTGGAGCCAGGGTGGAGTACATATGCTCCCTTTCCAGATGATGGCTAATTCAGGATACTGCCATT 44212
    
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Majority	TGGTTGTATATAAATAA-TTTTTTCACGTTTTAATGCTGT----AAGTTCAATGAGTA-----TGTAGTTGCT--T-AT	
	48970 48980 48990 49000 49010 49020 49030 49040	
Human	GGACTGTTTTTTAATGTCTTTTCAGCCAATGGTAATGATAGTAAAAAATTTAAAGGAGAAGATAAAATGGATGGTGTCTCT	48694
Kakapo	-GGTTGAAGCAGAAGAA---TTGGCAGGGTTTTTACTAT---AGGTGTCACCAATT-----TCATTGCT--C-AC	19664
GoldenEagle	TGATTGTATATAAACAACTGTTTTACCTTTTCAGTGTCTGT---GTGTTTCAGTAAATACATAACTGCAGTTGCT--T-AT	21915
JapaneseQuail	TGG--ATATATAAGGAA-TATCTTATTGACACTATTCTTC---AACTTCTAAGAGAA-----TCAAGTC-----	18818
MediumGroundFinch	TGATTGTACATAAATAA-TGTTTTTACCTTTTCAGTGTCTGT---ATGTTTCAGTAAGTA-----TGTAGCTGTT--T-AT	6573
GoodesThornscrubTortoise	AGGAGCCCCCAAATAGTTTGTCAACACCATGATTCTGG---CATCCCAATCTGAATT---CTTAAGTTCCA--GGAT	44283

Majority	-TCTGTGTGTTTTAAGTTCAAGAAAT--TCCCTTATTTATAAAAACTGGAAAAGTT-----GTTTACTTTGTGATGG	
	49050 49060 49070 49080 49090 49100 49110 49120	
Human	TCTCGTGTACTTCATATTCGAAAATTACCTGGGGAAGTAACAGAACTGAAGTTATTGCTTTAGGCTTACCTTTTGGTAA	48774
Kakapo	ATTTGTGTGTTTTAAGTTCAAGCAG-----TA-AAAAACATGTCAA-----ACTTACTTTGCAACTG	19721
GoldenEagle	-TCTGCAGCTTTTAAGTCTAAGAAAG---TCCCTTCTCTTAAAGAACTAGAAAAGGC-----ATTCCTCTGTGGTGG	21984
JapaneseQuail	--CCT--TTTT-----CAG--AA-----G---AACTACAAAGGTT-----ATTCCTCTATGAGGG	18860
MediumGroundFinch	-TCTGCAGATTTTAAATGTAAGAAAAAATCCCTTATCTTTAAAAACTGGAAAAGTT-----GTTTTCTCTGTAAAGG	6645
GoodesThornscrubTortoise	STCCCTCAGAGACCATTTGAGGACATCATACTTCTAATAAGAAGATTTGTCACAACT-----GGTCATTTTGAACAAT	44356

Majority	AGT-A-----T-A-G-----GTTACTTTTTTGCTGAACCTTCTTGTGAGGCTTTTG-CTTTTCAGGTGGAGGACTT	
	49130 49140 49150 49160 49170 49180 49190 49200	
Human	GGTGACCAACATCCTTATGCTGAAAGGAAAAAATCAGGTACACTTCTTTTCAGGGTTTATGAAATGTTAAACCCCAACTA	48854
Kakapo	AGC-----TCCCAAATTCCTGGAGCTTTAAATGATACTATTG-ATCTT-----GACTTGT	19772
GoldenEagle	-----GTTACTTTTATGCTGAACCTTCTTGTGAGGCTTTTTTCTTTTCAGGTGGAGGACTG	22039
JapaneseQuail	-----GTTACTTTTATGCCAAACTTCTTGTGTGACTTCTT-TCTTTTCAGGTGGAGGGCTA	18914
MediumGroundFinch	AGTAACCTCCTCTGTAAAGGG---GTTACTTTTTTCACTGAACCTTGGTGTGAGGCTTTGG-CTGTTCA--GGAGGATTG	6717
GoodesThornscrubTortoise	ACTTA--TGAGTGTTAAGGTT---GTCGCTAACTAGATACATAGTACATGTGACATATCTGTATTTGGAT-AACCTCAT	44429

Majority	TTTAATGG----AATTTGTAGG--AAGAGTTAT--GTATGAAGTTGCTCATGCCAT--GAAGTGTATTGCTG----AAA	
	49210 49220 49230 49240 49250 49260 49270 49280	
Human	TCCAGCAGGTGTGAATTAATGTAAAAGGGAGAA-AATAGTAGGTTATTTTTCTTAAA-GAACAGAAGTCTTATTCTCAC	48932
Kakapo	TTTTACGT----CATTAGCAGG--CAGTGACTTTGGTAGGTAATTCATTGTAACAG--AATAC-----	19827
GoldenEagle	CTTAATGG----AAGTTTGTAGG--AACAGTTAT--ATATGAAGATGCTCATGCCAT--GAAGTGTATTGCTG----AAA	22104
JapaneseQuail	CTCAATGG----AAGTTCTAG-----TGT--GTGTGAAGGTGCTGGTGCCAT--GAAGTGTATTGCTG----AAA	18972
MediumGroundFinch	CTTAATGG----AATTTGTAGG--AAGAGTTATCTGTGTGGAGATGCTCATGCCAT--GAAGT-CATTGCTG----AAA	6783
GoodesThornscrubTortoise	AAAAACCT----AAATCATAGTGAAGCACGTTCCAGAGGGACTTTCCCATCCCATCTGAATGATAACTTTGGGGCAAC	44504

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Majority      ---TCCACAC-GATA---AAGGATAATATTTTAAAGTGGTTTAGATAAA--AATTGAAA--GATGTTAATGAAAGTTT
              49290   49300   49310   49320   49330   49340   49350   49360
Human         TTTTTCGAGTAGATGTCTGTGGGAAACTAATGCCTAGGTAGCCAAAGTGAGTGAATCACTATAGTTTTTAAACTTTGTCTT 49012
Kakapo        ---TTGGCAC---CG---AGGCATGTAATCATAGAATGGTTTGGGTTGG--AA---AG--GACCTTAGAGCTCATCCA 19889
GoldenEagle   ---TCCACAC-CAAA---AAAAAAAAAATTTTAAAGGGATGTAGATAAA--AAGTGAAA--GATGTTGATCAAAGTTT 22172
JapaneseQuail ---TCTACAA-----AAGAAAAATGTTCTAAAGGGGTATAGATAAA--AA---GT--GAATTTTAGGAGAGTTT 19032
MediumGroundFinch ---TCCACATACAAA---AAAGGTAATAATTTTAAAGTATATAGATAAA--AAGTGAAA--GATGTTGATGAAAGTTT 6852
GoodesThornscrubTortoise--TCTACCCTGATAGGCTATGGATGATCTTCTGGTAGGACTAGATTTCC--AGTTTAACTAATGTAATTTTATAATGT 44579
    
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Majority      ATGAAAGTTGT-CTTGCCAAAGACAGGAG--AG-TTTGAAGATTTGCAGATTTTTTAAAG-GTGGCTGTTTTCAATTTGG
              49370   49380   49390   49400   49410   49420   49430   49440
Human         TTGAATTGACTTTAGGGCTCTAATTGAATAATTGTTATGAAATTGTGGAAAAACAAATGAAGTATTTCTTTTACTGTGG 49092
Kakapo        GCTCCAACCC--CCTGCCACGGGCAGGGA--CACCTCCACTAGAGCAGGTTGCTCCAA-GCCCCTGTGTCCAACATGG 19963
GoldenEagle   ATGGAACTTGG-CTTGTCAAAGACAAGGGATGAAGCAGAAAGATTGGCAGATTTTTTAACTATGGCTGTCACCAATTTCA 22251
JapaneseQuail ATGAAAGTTA-----CCAAAGACAAAAG--A---TGAACAAAAGTGTATTTTCTTA--TATCTACTATCACTTTTA 19097
MediumGroundFinch ATGAAAATTTGG-CTTGTCAAAGACAAG-----AAGAATTTGGCAGGTTTCTTGTGTCAGCTGCCATCAATTTCA 6920
GoodesThornscrubTortoiseATAAGAGATGTAGTCACCCTGGAATGGACTAAGGATTTTCAGACATTCAGAATCCTAAAG-GTGATCTTTTTTAAATAGG 44658
    
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Majority      TTGTTTACATTTGTGT-----GTTTGAGTTGGATCAG-TTGCAACATTTCTAAATCATTTTGAGGCTGAGCA--TCACC
              49450   49460   49470   49480   49490   49500   49510   49520
Human         CTCTGTTCTTTGGTATCAGAAATCAGCAGGGGTACTAGTCGCATCTTTCCTTAAGCTTTATGAGAATATGAAATTTTATT 49172
Kakapo        CCTTGAACACT-----GCCAGGGATGGGGCAG-CCACAGCTTCTCTGGG-CACCCTGTGCCAGCGCC--TCAGC 20028
GoldenEagle   TTGTTACATTTGTGT-----GTTGAAGTTGAATCAG-TGAAAACATCTCAAATTTGTTTGTAGCTGAGC----TCACC 22321
JapaneseQuail TTATTTATGTTT-----GCGTGTTTTAACTCTA-CTGCACCATTACCAACATAGCAAAGAGGAGGCA--TTA-- 19162
MediumGroundFinch TTGTTACATTTGTGT-----GTTTAAAGTAGACCAG-TAGAAAACATTCAAAATCATTTTGCAGCTGAGC----TCACC 6990
GoodesThornscrubTortoiseTATTTAAAAAATATAT--AATTGGAGATATACCAATCTCTAGAACTGGAAGGGACCTCGAAGGTCATCG--AGTCC 44733
    
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Majority      ---AAACTCCTGG---AGCATT-AGATGCTGCTTTTGATCTTGATCC-TGTTTTTACTTAATTAGGATGGAAC-GTTAA
              49530   49540   49550   49560   49570   49580   49590   49600
Human         TAAAAATGTAAATGATACCATTTAGAAGAATTTATGAAATTTAACTCCCTTTTATATACTTGAGGTTAATC---TGA 49249
Kakapo        ---ACCCTCACAG---GGAAG--AGCTTCTGCCTTAGATCTAACCTG-ACTTCCCTCTGGTTCAGTTTGAACCCATCAC 20098
GoldenEagle   ---AAACTCCTGG---AGCTTT-AAACGATACTATTAATCTTGATCT-TGTTTTTACTATATTAGCAGGGAAT-GTTAA 22391
JapaneseQuail -----CTTTTGG---AGT---AGACTCAGGTGGACATTTG-----TGTGTGGACAACCGGAATGATAA-TGCAC 19219
MediumGroundFinch ---AAACTCCTGG---AGCTTT-GAATGGTACTGTTTATCTT-----GTTTTTACTTAATTAGCAGGGAAT-GTTAG 7054
GoodesThornscrubTortoise--AGCCCCCTGGCTTCACTAGC-AGAACCAGTTTTTGCCCCAGATCCCTAAGTGGCCCCCTCAAGGACTGAACTCACAA 44809
    
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Majority	CAGTTGTTTTGGCAGTGTATTTCTTTG-----TATAATCAGACTCTTTAGCAT---G-----CAATGTAACAATGT--TT	
	49610 49620 49630 49640 49650 49660 49670 49680	
Human	CATTTAATTTGTAATTTTGTCTCTTGTCTCTATATAAATTATACTGCTTTTAAATGACTTGGAATCTTACATTCT-CTA	49328
Kakapo	CCCTTGCTCTGTCACACTACAGTCCCTGA-----TGAAGAGTCCCTCTCCAGCAT-----CCTTGTAGCCCCGT--TC	20162
GoldenEagle	CAGTGACTTTGGTAG-GTAATTCATTG-----TATTAACAGAATAATTTAGCAC-----AAGCTAATAATAT--TT	22453
JapaneseQuail	AGAATGTTTGAACACTATATCTTTCTG-----TAAATTAAGAACTTTAGGAG---G-----TAGATAGCAAAG-----	19280
MediumGroundFinch	GAGTGACTTTGGTAG-GTAGTTCATTG-----TATTAACAGAATAATTTAGCACTGAGGCATACAAAGTAATAATAT--TT	7126
GoodesThornscrubTortoise	CCCTGGGTTTAGCAGGCCAATGCTCAAACCACTGAGCTATCCCTCCCCTTATTATTTCTGTAGAAGCAAGCAGGGACCT	44889

Majority	CGAGTGCAGTATTTAACTTGGGGAGTAAACGTAGAT-----TCTGTTTCTTTTGAT--AGCACATT-----GAG	
	49690 49700 49710 49720 49730 49740 49750 49760	
Human	GGGTAGAAGTGGTAAAATTCTGATGCTAG--AAAATGTTTACATTTTCTCTAGCATTGTTGCAAGAATAGATTTGTGGG	49406
Kakapo	AGACACTGGAAGCTGCTCTGAGGTCTCCACGCAGCT-----TCTCTCTCCAGGCTG-AACACATCG-----AAG	20226
GoldenEagle	CAAGTGCTGTATTTAACTTGGGGAATAAACATAGAT-----GTGCTGGTTTTGAT--GGCACATT-----AAG	22514
JapaneseQuail	-AAAATAATAAACACCACCACCGCAATCAGCTAAAAC-----CACATCTCTGGAT--GGGAGA-----GAG	19337
MediumGroundFinch	CAAGTGCTGTATTTAACTTGGGCAGTAAACATAGATATGTCATAGATGTGCCATTTTGTGCT--AGCACATT-----AAG	7198
GoodesThornscrubTortoise	CGAGTGCAGCTCTTGTGGCAGGAAGCATA-GTAGATGCAAAAACAGGCTTTGTCTTTGGATTTCCCATTTTCTGCAGAA	44968

Majority	TAAAATTAGTTATTAGTTAAC-----ATTAATGATGTCTAAACTT-----AGGTAATT-TACTTCTGAAGTT---T	
	49770 49780 49790 49800 49810 49820 49830 49840	
Human	TGTGAAAAATCATAGGTGGAAGGCAGAGCAGCGTGTACTCGGTTTTCTTCTGAGGTTAGCTTTAACTGTATACCTAAAC	49486
Kakapo	TAAAATTGGTTATTAGTTAAC-----ATTAATGATGCCTAAACAT-----AGGTAATT-TACTTCTGAAGCT---T	20288
GoldenEagle	TAAAATTGGTTATTAGTTAAC-----ATTAATGATGTCTAAACAT-----AGGTAATC-TACTTCTGAAGTT---T	22576
JapaneseQuail	AGAATACAGCTATTAG-----AATGAATTCCTTTTTT-----TTTCTATC-TGCATCACTATGC---T	19391
MediumGroundFinch	TAAAATTACTTATTAGTTAAA-----ATTAATGATGCCTAAACTT-----AGGTAATT-TACTTCTGAAGTT---T	7260
GoodesThornscrubTortoise	CAACATATGCTACAAGTGGTCTCTGGATCAAGAATTTCTCCATATGATACCAGTAGATGACCATATTTGTTAGGAT---C	45045

Majority	TCAAAT---TGATTACAATTAATAGTAATTGGAAGAGATT---TGAAGCAGTACGGTTCATGTGATTGGTAAGTGAATAA	
	49850 49860 49870 49880 49890 49900 49910 49920	
Human	TTCAACAAGAGATTTCTAATCTGCTTATCAGAACATTTAAAAGTAACTGAAGGATTATATTTCTAGATAAATTGATTAAA	49566
Kakapo	GCAAAT---TGATTACAATTAATAGTAATTGGAAGAGATC---TGAATTAAGACAGTACATGTGATTGGAAGAATAAGAA	20362
GoldenEagle	GCAAAT---TGATTACAATTAATAGTAATTGGAAGAGATC---TGAAGAAGTACAGTACATGCGATTGGAAGTATAATAA	22650
JapaneseQuail	GTAATT---TGCTTTTATTTCAATTTTCAGTTGCACTGCAC---TCTAGCCATAGTATTTTATTTTCTTAAGGGCAGGGG	19465
MediumGroundFinch	TCAAAT---TGATTACAATTAATAATAATTTGAAAGAGATT---TTAAGAAGTAGGTTACATGTGACTGGAAGGATTTGTAA	7334
GoodesThornscrubTortoise	CATGTCCATACTGCCAATGTGGAGTGTCTGAATGCTTA--TCCTCAGTACCTCTGCTCCCACCAGTACTTGCAAAGA	45123

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Majority	TTT-----AAT-----AATAGGGTATATTTTAAATTTTCTGAAGATA--T---G-CATGTGCATGTGAGTGAATTAAATT	
	49930 49940 49950 49960 49970 49980 49990 50000	
Human	ATCATCTGAAT---AGATTGCTTAGATATTAATTTTATTTGAATTTA--TA--G-TATTA AAAAATTGTGCTACTTAAATT	49638
Kakapo	TTT-----AAT-----AGTAGGCTATAATTTAAATTTTCTAAAGATATATGTAGACATGTGCATGTGAATGAACTAAATT	20433
GoldenEagle	TTT-----AAT-----AATAGACTGTAATTTACATTTTTCGGCAGATAACTT--GGCATGTGCATGTGGATGAACTAAATT	22719
JapaneseQuail	TG-----ATTGACGTTTGTTTTGGATGGTCC--TG-----	19493
MediumGroundFinch	TTT-----AAT-----AATACTGCATACTTTACTTATTTCTACAGATA-----CA-----TG-----	7376
GoodesThornscrubTortois	@TCTGGCCAATCTCAGAAGAGATAAGGTTTCAGTATTCTTGAAGGTGCC-----CACACTGTCCCAAGCAGTTACAGTT	45198

Majority	-----TTGATGCTCTTAACGG-T-----T---T--GG-TAAT-ATT-TTTCCTGAGATTTAGAAATTT	
	50010 50020 50030 50040 50050 50060 50070 50080	
Human	TTCAGGCATTTTGGAACTAGCAACCGAGGAAGCAGCTATTACTATGGTTAATTACTATTCTGCTGTGACACCTCATCTT	49718
Kakapo	AATGGTTGGACTCGATGATCTTAAAGGTCTTTTCCAACCTAGTTGAGTCTATG-ATTCTCTTCGATGAGTCTATAAATGT	20512
GoldenEagle	-----TTAATACTCTGAATGCCT-----GAACAAT-ATATCTTTTGC AAATTAAGAACTT	22770
JapaneseQuail	-----TGCAACTTC	19502
MediumGroundFinch	-----GATTTAGAACTT	7389
GoodesThornscrubTortois	@TCATGTCTGCTGCAAGAGTTATCTTGTCTCTTTGCCTTACTCCTGGCAAG-AAGGAACTCCTGAGGTTTCAAGTGTCT	45277

Majority	T-----T-AGAAA-----AAAC-CAAATAATCA--CAAACCCCAAACAT-TA	
	50090 50100 50110 50120 50130 50140 50150 50160	
Human	CGTAACCAACCAATATATATCCAGTACTCGAATCACAAAGAACTAAAGACAGATAATACATTAACCAAGTAAGTATGTG	49798
Kakapo	TAATGCTTTGAATGCCTGAACAATGTATCTTCTTAGAAATTCAGAACTTTAAAAGTCAGGCAAACCCCAAACCTTCA	20592
GoldenEagle	T-----AAAA-----AAACCCAAACAAACACACAAAACCCCAAACCTCCTC	22812
JapaneseQuail	C-----AACAG-----C-----CAATA-----	19514
MediumGroundFinch	-----AGAAA-----AAA--T-----AAAA-----	7402
GoodesThornscrubTortois	@GAGTTAGGTGCTTCAAATGTTCTTACGCTTTTAGGCGGTTACAGAAGGAATTACAGTTCTAAATTGAAAATACAACA	45357

Majority	---AACCTTAGGATGTGAGAAATAAAATGTGGCTATT---A-----TTATCAATTTGGAT--AATTTCTGTCTGCATC	
	50170 50180 50190 50200 50210 50220 50230 50240	
Human	TAGGTACATAAAATAAAATGGCCTAGAACATA-TTATGAAT-CTCATAAACATTAATAGGAAGGAAATGTTTACCTGTTCA	49876
Kakapo	GAAAGCTTCAGGATCAGAGAAATAAATAGTGGCTATT---ACTGTTATTATCAATTTAGGT--AACTTCTGTCTGCAGC	20666
GoldenEagle	---AACCTCAGGATGGGAGAAATAAAATGTGGCTATT---A-----TTATTAATTTAGTT--CATTCTGTCTGTATC	22877
JapaneseQuail	-----TACCACATTAGAAGTGCATTATAGTTAGA---A-----AACAAATCAGTAG--ATTTTGAACAGCAGC	19572
MediumGroundFinch	---AATCTCCGGATGGGAGAAATAAAATGTGGCCATT---A-----TTATCAGTTTGGGT--AATTTCTGTCTGCATT	7467
GoodesThornscrubTortois	@GCACATATGGATGCTTTTAAATGCCCTCCATACATGCCTGACTACCTTCGCTTTTCTGCATT-AAAGTCCAATTCATT	45436

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Majority      GCTATGCT--ATGGTAATTCATT----TTTGTCTACTTCAGTTGCATTTC-----CTCTAGC-----TGTAGTAT---
                50250      50260      50270      50280      50290      50300      50310      50320
Human         GATGTTCCCTTATAGGCATTTTCTT--GTTATTTTAAAGGTATTTTCATGCAGAATGTTTCTAAGTATTAATACTATGTC 49954
Kakapo        ACTATGCT--ATGGTGATTAATA----TTTTTACCACCTTCAGTTGCATTTC-----CTCTATC-----TATAGTAT--- 20727
GoldenEagle   GCTATGCC--ATGGTAATTCATT----TTTGTCCACTTCAGTTGCATTTC-----CTCTAGC-----TGTAGTGT--- 22938
JapaneseQuail AGACTGA---ATGTGGATGCA-----CTTGTCTA---GGTCTTAATTAA-----CATCGAT-----ATAG--- 19622
MediumGroundFinch GCTATGCT--GTGGTAACTC-----CTTGTCTACTTCAGTTGGATTTC-----CTCTAGCC----TGTGGTAT--- 7526
GoodesThornscrubTortoise@CTCTGAAT-TTGACAACCTTTCTGGCCCATGTAAAGCAGTTGAAGGTAA-----ATCTACCTGCAGCCCATTTGT--- 45507
    
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Majority      -TTTTACATTTTTTTTAGGGCCTAAGTGAAGTG-CATTTGTTTTAT-CTG-----CAACATTGAGTAGCCACTATAC
                50330      50340      50350      50360      50370      50380      50390      50400
Human         ATTTTGAATTCCTTTAATCCCTGGTCAAATGTTCTTTTTCTTGTGCAAGTTAAA--ATTTTGTGTAGAACT-TAT 50030
Kakapo        -TTG-GCAT-TTTGAAGGGCCAAAGGGAAGTG-CATTAGTGT-----AACATTGAACAGCCACTATAC 20786
GoldenEagle   -TTTTACATATTTTAAGGGCCAAAGGAAAGTG-CATTAGTTTTAGACTGTG-----CAACATTGAACAGCCACTATAC 23009
JapaneseQuail -ATA---ATCTTTTATCTGCCTGACTGTGGGT-TATTTATTT-----GAACTCACGTTGCTGATGGGC 19680
MediumGroundFinch -TTTTACATATTTTAGGGACTAAATAGGTG-CATTCAATGTTAGGCTG-----CAGCATTGAACAGCCACTATAC 7595
GoodesThornscrubTortoise@CGTCAGATTAATATGAGGCTTCACACATTTGACACTCCTTCCCTCCCCCGGCCCAATTTTGTGTCAATGTTACTG 45586
    
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Majority      CATATTGTAATGTTGT-GTTAGGATAGTTG--TTTATAACAACCT----TAGTTAG-GCTCA-----GT---GGATTTTT
                50410      50420      50430      50440      50450      50460      50470      50480
Human         CAGGTAGGATTTATTATTAGCATAACTG-TTTATAACAACCTCTCCTGCTTAGAATTTAAGGTAAGAAGTTCAGTGCCTTT 50109
Kakapo        CATAGTCCATGTGT-GTTAGAGTAGTTG--CGTAGAAAACCT----TACTCAGTGCTCT-----GT---GGGTTTTG 20847
GoldenEagle   CATATAGTAAGTGT-GCTATGGTAGATG--CTTAGAAAACCT----TAGTGCT-GCTCA-----GT---GCATTTTG 23069
JapaneseQuail AAAATTCTTTGTAG-TTTAGGATTAGTT--TCAGTACTATT---TGGTCA-----GGATTTTC 19732
MediumGroundFinch CATACTGTAAATGT-ATTAGCATAGTTG--CTTCAAAAACCT----CAGTGC----TCA-----GT---GTATTTTA 7652
GoodesThornscrubTortoise@GTTTTGGACATAG-CTAATGATAGCTGATTTTGAGCTATT---TCTCTGCCTGTGA-----GTTCAGATTTTT 45652
    
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Majority      AATT--AGATGTGCAGCCTATGTGCAGATGTCCAGTTAAAAGCTGTTTATGTTGATGTTTGTGTTTACTATGTT
                50490      50500      50510      50520      50530      50540      50550      50560
Human         GGTATTGATTTTTTTTATAGGTCTTAATTTCTTACGGAAAATTTTTTTTTGAAGATGTGTTAATGGTTTTCTGGAAA 50189
Kakapo        AAA---AGAGGTGCAGCCTCTGTGCAGATGTCCAGTTAAAAGCTGTATAAGTTAATTTTTGCTTGCTTGACCATGTT 20923
GoldenEagle   AAAC---AGAGGGCAGCCTATGTGCAGTTTGCCAGTTAGAAGCTGTGTA-GTTAATTTTTAATTGCTTGACCATGTT 23145
JapaneseQuail CTT---TGTCTTGTGGCTGTATCTGGAC---TAAGGCTCCAGCTGTTATTACTGATGGGATGCTTCATAACAAGGAATA 19805
MediumGroundFinch AAAC---AG--GCACAGCCTATGTGCAGATGTGCCAATTTAAAAGCTGTAT---TAAAGTTTTCTTTGTTTCGCTATGTT 7723
GoodesThornscrubTortoise@ATTTTTTATGTGGAAAGTATCTTTCTGGTGGCAGTGGCATTAGCTTGCTAAGTGGGTAAGCTTTCAGCTGTAATAACTG 45732
    
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Majority      TGTTTATTTAAG-ATGAAATTCCTGTGAAGTGGTTGGTTTG---TATGGTAAGATA-ATCTTATTA-----TTA
              50570      50580      50590      50600      50610      50620      50630      50640
Human         AGAAATCTTAAGGATGAAGAATATGTGAATGTATTGATGTTTTAAAAATGTAATATAGAAGATATTGT--TTAAAATTAA 50267
Kakapo        TGTTTATTTCA---TAGAATCCCAGCC---TGGTTTGGGTTG---GAAGGGACATCA-AGCTCAT-----CCA 20981
GoldenEagle   TACTTATTTAAG-TTCAAATTCCTGAGAGGTGGTATTCTTTG---TACGATAAGATA-GTTTTATTA-----CTG 23210
JapaneseQuail TGATTAGTGCAG--TGCAGTACTGGCC---TGACAGGGTAAG---GATAATAAGGTATAGCATACTT-----TTA 19867
MediumGroundFinch TACTTATTTAAG-CTCAAATTCCTCTTAAGCAATAGTCTTTG---TAGCGTAAGATA-GTTTTAATA-----TTG 7788
GoodesThornscrubTortoise CATCTATCTTAT-ACAAATATCAAGAGATACGGTTGGTATTGCTATTTTCATCAAATATTTCTTCCAAGATGGTAACTGA 45811
    
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Majority      ATTGGTCAATATT---TTACCATGCTCGTGGCCCTTTTCCATTATACAAAT-----T---T-----TA
              50650      50660      50670      50680      50690      50700      50710      50720
Human         TGTATTCAAAAATAGCATTAGAATGTTTTCCGACCTACATTATAAGACTGCTGTAATGATCTAAAACCTTTAGCTGTTTTA 50347
Kakapo        GCT--CCAACCCC---CTGCCACAGGCAGGGACCCCTTCCACTAGAGCAG-----G-----TT 21029
GoldenEagle   ATTGGTCAAGATT---TTCCTTTGCACGTGGCCCATGTCCATGGTAAAAATCCACCTATTGCTACTGGTTAATGCTTTA 23286
JapaneseQuail AGT---CAATACT---CAACCATACTCCTGTCTCCCCAGAGATCTCAAA-----19911
MediumGroundFinch ATTGGTCAAGATT---TTTGTATGCACATGGCTCATGTCTGTGATAAACA-----7835
GoodesThornscrubTortoise ATTCTCCCTGTTGAGCCAATCATTCTCGTGGCACTTTTTCTGTATTTGCAATGTTTCTTTTAGTGAAGTCTTTCTCCACA 45891
    
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Majority      ----A-GTTATAAACTT---TATGT-----CTAACAAAGTATGGATCA-----ATGCA
              50730      50740      50750      50760      50770      50780      50790      50800
Human         ATATA-GTTTTAAAATAATGATATCTTTCTCTG--TCAGTAAAATACAACTTT-----TT-----CTTAAT 50407
Kakapo        -----GCTCCAAGCCCC---TGTGT-----CCAACCTGGCCTTGAACA-----CTGCC 21069
GoldenEagle   GTTCAGGTGGTAAAATACTCCA-CATGTAGTCGTGGCCTAGCAAGGCAAGGATAATGGG-----GTATATA 23350
JapaneseQuail -----ACAACAGAAGC-----C-----TGACAGAGT-----AAGCA 19937
MediumGroundFinch -----GCAAAAAAACCC---CAT-----TAACAAA-----ATGTA 7862
GoodesThornscrubTortoise AGCCACATTAGAAGGCTTTTGGGATTCTACGTGTAGCAGACAGAAATTTGTATCACAGGTACCATATCTAAATGGCTGGCA 45971
    
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Majority      AAGAATGTTGAAGC-TACAGTTTCCCAGAGCAC-TTCTGCCCCCCCT---C-----C-----
              50810      50820      50830      50840      50850      50860      50870      50880
Human         AAAAATGTAATGGAATAACTGTTCTCATAGAT--TTTTGTCACTTTACAAAG---TG--ACAAAATCATTTTGTAGTTT 50480
Kakapo        AGGGATGGGGCAGC-CACAGCTTCCCTGGGCACCCTGTGCCAGCGCCT---C-----21117
GoldenEagle   AAGTATGTTGAAGTACAAAGTCTTGCAAGACACACTCCGCCCCCCCC---CCCCCCCCCCCCCCCCGCAAGCCCCCA 23427
JapaneseQuail TAGAATGTGTATCC-TGCAATTTT--AGAATA-----19966
MediumGroundFinch ATTAACATTGA-----CC--AATGTA-----ATCT-----7885
GoodesThornscrubTortoise CACTGTATTTCTATTGCTATTACCTGTACACCTGCAGCCACCCTTGACAGTTTGTACAGTGTGAGGCAAGGCAGTT 46051
    
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Majority      ----AAAGCA--AT-----CTTTAAGGTTAACAGATGCTGA----CTTCATACTATTTTCATATTTTTTCATGT--TTTT
              50890   50900   50910   50920   50930   50940   50950   50960
Human         ATGGAAAATAAGCTTGTAAAACTTTTTACCTAAAAGATAGGACTGAAATTTTCAGCTTTTTTAATTTGATGATGAGTTTTT 50560
Kakapo        -----AGC---AC-----CCTCACAGGGAAGAGCTTCTGC---CTTAGATCTAACTTGAATCTC-----CCCT 21169
GoldenEagle   AACAACAGCAAAACCCCTTAAATTTTAAAGGTTAACAAATGCAGA----CTTCAGAGTACTTCACATTCTTCATGT--TTTC 23501
JapaneseQuail -----AAA-----AT-----ATGCAAGCTTTACAGAACTTAA---TCTCATAATTTTTCTTTTTTTC--TTT--TTTT 20022
MediumGroundFinch -----A-----AC-----CTTCAAGGTTAACAAATGTGGA---CTTCAGACAACCTTCATATTCTATGTGT--TTTT 7941
GoodesThornscrubTortoise@CTGATACCAGCCTGAATCTTTTTTTAATTTGACATATGCAAAGCAGCCACATGGCAGCAACCATCATACAAAGCGTTGT 46131
    
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Majority      ATTTTATTTTTAAATATAATATCTTCTTTTTCTGTCTTTTCAAGCGTTTG--TG-----AATTCC---ACATTTTA
              50970   50980   50990   51000   51010   51020   51030   51040
Human         AATTTCTTTTGAAAAAGAATGTATGCTTCTAATAATTTATCAAGAGGAAGAATACCAAAGAAAATATCTGCTCTTCTTT 50640
Kakapo        CTGGCAGGTT--AAGCCATTCCCCCTTGACTGTCCTTACAGGCCCTTG--TC-----AAAAGT---CCTTCTCT 21233
GoldenEagle   ATCTTATTTTTGAATGTAATATCTTCTTTT-TTGCTCTTTCAAACATTT---TA-----AATTCC---AGATTTTA 23565
JapaneseQuail TTTTTTTTCATATGCATTATAGACTCCATTTCCCTTCATTTCAAGCGTTC---TG-----AATTCC---AGATTTTA 20087
MediumGroundFinch ATAATATTTT-GAGTATAGTATCTCCTTTTCTGTCTTTCAAACATTT---TG-----AATTCC---AAATTTTA 8005
GoodesThornscrubTortoise@GCCTAAATTCAACTACAGTGGATGACGTTTCCGTCCTCAGTGTGTTGAGCC-----AATGCCACACACTCTC 46202
    
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Majority      TCTTTAGCTTGGATTTTTG---ATGTTTCACGTATTAATAAAGAATCTG---TTTTTTTTTTTTTAGGATCTTGTTTA
              51050   51060   51070   51080   51090   51100   51110   51120
Human         CTTTTTACTTTAGATTTTTTGCATTTTTAACTTATTTTTAACAAATAATGTTTATACTTATGGTGTACAATGTGATGTT 50720
Kakapo        AATGAAGCTTAAATTCCTG---ATAGGTG--ATATTCTTTGACTATTCTA---TTATTGATTGGTCAAGATCTTCTTT- 21304
GoldenEagle   TCTTTAGCTTGAACTTTTG---ATGCTC---GTACTAAAACAAAGGTCCTG---TTTTTCTGTGTTTGGGAACCTATTGA 23636
JapaneseQuail TCTTTAGCTTGGG-TTCTG---AGGTATC-TGTATGAAAAACAAGAATCTGA--TTTTCCGTTTTTTAGGAATCTGTTGA 20160
MediumGroundFinch TCTATAGGTTGAACTTTTG---AAGATTTACATGCTAAAGTAAAGGGCCTG---TGTATTTGCTTTTGGGAGCCTG--- 8075
GoodesThornscrubTortoise@ACTCTCTGTTAGTTTTGTT---TCTCTTCAGGCATCTCACATTTGAATTGGCCGTTTTTTGAAAGTTAGAATATTTGGTCA 46279
    
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Majority      TTCTTGTTGATATGTTT---GTCACCTTGATCAGACTA---AAAATCTTCTCTTCCCTACGTTCTATCACTTTCATCAGGG
              51130   51140   51150   51160   51170   51180   51190   51200
Human         TTAATACATATATATATGGAATGATCAAATCTGGCTGGTTAACATATTCATCTCTTTCAGTACTTACAATTTCTTTATGG 50800
Kakapo        TGACATGGCCATGT-----ACATGGTAAAA-----ATCCACCTATTACTACTGGTTAACGCTTTAGTTCAAG 21367
GoldenEagle   CACTTGTGGAGAAGTTT---GTCACCTGGATCAGACCA---AAAGTCTCCTCTTCCCTACGTTTTATCTGTGACATCAGGC 23709
JapaneseQuail CTCTTGACAGC-AAGTCT---CTCATTTGATCCTTCCA---AAGATCCTCTCTTCTATCTTCTGTGATCCGTTATCAGGC 20232
MediumGroundFinch -----GGAGAGGT-----CACTGG-TCAG-----CTCCCTTCCCTACATTCTATCACTTACATCAGGG 8126
GoodesThornscrubTortoise@TTGTCTGTTTTGTGT---GGTGCCTA-TTATAGTA---TTAA--TTCTTTTATTTTGGACATCCATTGAGTCAGAG 46349
    
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Majority      T-AGGTACATATAGGA-TA-T--TTTTTAAAGGAAAGAACATAGCAGAAATAA--AA--CTGTATTGTTTTCTGTATAC
              51210   51220   51230   51240   51250   51260   51270   51280
Human         T-AAGAACATTTAAAATTCCTTTAGCTATTTTGGAAAGTATACAGTGGAAATGTGGAAAACTGTTTTCCCTCTGCTCACAC 50879
Kakapo        T--GGTAAGACTTCCACGA----TGTAAGTAAATGGTGTAGCAAGGCAAGGATAATGGG--GTATAAAGTACTTGGAAGTAC 21439
GoldenEagle   T-GGGTATATATA-----TTTAAGGAAAGAACCT--CAGAAACAA--AA--CCACAATGTTCTCTGTATAC 23769
JapaneseQuail C-AGGTGCATACA-----CTTAGGAA---AACCT--CAGAAATAG-----CTGTGGTGGTTTCT-TTGTGT 20286
MediumGroundFinch TAGGGTACGTATAGGAAAAC--TTCTTTAAGAAAAGAACTTTCCAGAAATGA--AA--CCACAGTGATCTCTATTATAC 8200
GoodesThornscrubTortoise @GAGAATCCTATAGGGGTAATGCCTTTCTAAAGAAGAGACAGAGTGAGAGGGAGAATGTGTGTCTAATTGGGTTTTTT 46429
    
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Majority      T-----CAAAGTATTTTTGTTT-GCGGTTTTCT--GCTGGTTGTTTTTATACAGATGATTGTTTTTCAGTAGCCAGTGT
              51290   51300   51310   51320   51330   51340   51350   51360
Human         CACAACAATCAACACAGAAGGCTTCTGTGGCCTCAAATGTGGGGGAATTTTTTCCACGCCAAG--CAAGCAGTCAGGTC 50957
Kakapo        -----CAAGTATTGCAGAAC-ACACTTTTCT--GCTCCCCAAAACAAGAAGAAAAAAT-CCCACCAACCAAGA 21505
GoldenEagle   T----CTCCAATTTGTGGTGTCT-GCGGTTTCTTAGCTGGTGTGTTTTATGCAAATGATTGTGTTTAGTAGCCACTGC 23844
JapaneseQuail T-----CCAGCCTTTCTTTG-GTGGTTTTCT---TTCATTGCTTTATACAGGTGGTGTGTTTTTCAGTAACCACTGT 20353
MediumGroundFinch -----AATTTGCGATTGTCT-GCAGTTTTGT--GCTGGTTGGTTGAGACAGATGATTGTGTTTCAGTAGCCAGTGT 8267
GoodesThornscrubTortoise @----TTCCCAAAGAATTTTTTTTTTAGCATTTTTTTTGTGGTTAATTTTTTACACCTGTGATTAGTTTGGAGGTCTTGAT 46505
    
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Majority      A---ATATTTGATCTTTCTGTTTGGT-ATAA--CATTATTTTAACTAGATATCTTCA--ATTCCATTGCCTTT-CTCTT
              51370   51380   51390   51400   51410   51420   51430   51440
Human         TGCAGTGTCTCCAACCTAGCTCAGTTTCAA--CACTGTCTGCCGGGAGATAGCATCA-GATCCACAGGTTGAGGGGTC 51034
Kakapo        A---GCCTAAG-----T-----A-----AACTGAACATGT-----AACCTTTAATTTT-AACAT 21547
GoldenEagle   A---ATATTTAATCTTTCTCTCTGGTCATAATCCACAACCTGTAACTAGATATCTTCATAATTCATTACCTTT-CTCTT 23920
JapaneseQuail G---ATACTTGATCTTTCTGTCTGGGAGAATCCATGATTTTAACTAAATATTTTCATAATTCATTGCCTT--CTTTT 20428
MediumGroundFinch A---ACATTTG-----TCTAAT-----AACTAGATATCTTCA--GTTGCATTGCCTTT-CTGTT 8316
GoodesThornscrubTortoise @T--ATCCTCCACAATTAGAGAGATGACTAAAAGATTCTAGGAAATGAGGTAATGGC---AGTTTGTGGACC--ATGAT 46578
    
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Majority      AGTCAAATATGTCCTGTGTGGATA--TGTGCCTTATGT-TCTACATGTTGTTAACA-TTAAATTTCTTATATTTAGGTAA
              51450   51460   51470   51480   51490   51500   51510   51520
Human         AGTCCACAAGATCTCCTGAGACACCAGCAAGTCAGGCCCTCTGGAACCTCTGA----TTGACCAGCTTCAAGTTGGGGTT 51110
Kakapo        TAACAAATGCAGCCCTCGGAGA-----ACTTTGTGT-TCTTCAATGTT-----TT---TCTCTTATTTTTGAGTGT 21608
GoldenEagle   GGTCAGATATTTCTGTGTGGATA--TGTGTCTATGT-TCTACTTGTGTAACG-TTAAATTTTCATATATTTAGCTAA 23996
JapaneseQuail AGTCAAGTATGTTCTATATGGATA--TATACCTGATG---CTACTTCTT---AACA-TTGAATTTGTGTATTCAACATA 20499
MediumGroundFinch AGTCACTTATTTCTGTCTGGATA--TGTGTCTGATGT-TCTACA-GCTGATAACA-TTAAATCACATATATTTAGCCAA 8391
GoodesThornscrubTortoise @AGTGAGAATGGCTTAGGTGGATAATCTGCTGTTAGT-ACTGCAGTCTTTGAGCACTCAAATGCTTTGAACTTTGGGAA 46657
    
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Majority      G-----GTGATACAAGTAGTATTTTCTATATTAGCA-ACAGCACTGAATAATACTGTTAGTAAGTATCTTG
              51530   51540   51550   51560   51570   51580   51590   51600
Human         CCCACAACCC-CCTTTTTGGATTTCATTAATTTGCTAGAGCAGCACACAGAACTCAAGGAAACATTTACTGAGATTTACT 51189
Kakapo        A-----GTTTCTCCTTTTTTATGTCTTTCTCCCAA-ACACTTCAAAAGTTCAAGCTAAAGAGAAAAGCTG 21673
GoldenEagle   T-----GTGACACAAGAAGTACTTTCTACATTAGCA-ACAACAATGAATAATACTGTTAGTAAGCTTCTTG 24061
JapaneseQuail G-----GTGATACA---AATATTTTTGACATTAGCA-GCAACTATGAATATATCTGTTAGGAAGTATCCTG 20561
MediumGroundFinch G-----GTAACAACAAGTAGTGCTTTCTATGT--AGA-ACAGCACTGAATACTACTGCTATTAGGTGTCTTG 8454
GoodesThornscrubTortoiseATTCTGCCTTGTCTTGTGCTGGGAGCAGAAGACCCAAGGTAAGA-ATTCTGTGAAATAATAGTTTCAAAAAGAATTCC 46736
    
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Majority      TCTTTAGTATATAG--A-TGATTGTACTGAAAGATATAATAAGT-TTCTAAGAATGC--AA--A-TTA-CTTTTTCTTGT
              51610   51620   51630   51640   51650   51660   51670   51680
Human         AGTTTATTATATAG-----GATATTA AAAAGGATAATAAGC-CTCTAATCATGC-----CTTGATCTTTCAGGT 51252
Kakapo        GAATTTAAAGACAG-----CCATACTAAAACAA-----AG-----TTCCTGTTCT 21713
GoldenEagle   TCTTAAATGTATAA--ACTGATTGTATTGGAGGATGAAATAAGTGTTCAGGAAAGCCTAAGTATTTACCTTTTTTTTGT 24139
JapaneseQuail GCTTTT-TATATGA--AGTGATTGTACTGGAAGATAAAAATAACTGTTCCAAGAAAGCACAAATACTTAAATTTCTCTTGT 20638
MediumGroundFinch TCTTTAGTATTTA-----CAAAGT-----TA-----CTTTTTTTTT 8493
GoodesThornscrubTortoiseAGGTGAGTAATTTTTTTCATTGATAGCACAAATGGATATTAGCAATCTAAATGAGAATTTGAAATGATCTCTCTTTGCTTTT 46816
    
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Majority      AGTTGGTTGTTGGTGTGTAGTGGTATTTGT--GAAACAGA-AG-TGACTCGTGCAGAAAGTATGTTTATTTATAAATT-A
              51690   51700   51710   51720   51730   51740   51750   51760
Human         GACCAGTCCCATCTTAAAGTGGGGCTGCCAGCCATCAGTCAACTCATTAGCATACAAAATATATCATTTTGGAGATTTA 51332
Kakapo        GGGAACCTGTTGGTACTTGTGGAAATGTTT--GTCAC-----TGGCTCAGACCAAAGGTCTCT-TCTTCCTATATT-C 21782
GoldenEagle   AGTTGGTTGGTGGTGTGTACTGACAGTTGT--GAAACAGATAT-TGACTCCTGCAGAAAGGATATTTATTTATCAATT-A 24215
JapaneseQuail AGTTGGTTATTGGGGTGTAGTGATGATTGT--GATCCAGA--G-TAAGTGTGCAGAAATCAGGT----TTATCAATT-A 20708
MediumGroundFinch AATTGGTTGTTGATGTGTACTGGCAGTTGT--GAACCAGA--G-TGATTTCTGCAGGAAGTATGTGATTTGTACATT-A 8567
GoodesThornscrubTortoiseAGGAAAATGTCAATGCATAATTGTTTTAACTAGTTATAAAAAA-TGAAACTTGCCAAGAATTTCTTAAAAAAAATA-A 46894
    
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Majority      TTTC-ACTAG---TACAGATATGAGGAAATT----TATCG--TCAGTGTCTTGTGATCAATTTTCAATATTTTTTCC-
              51770   51780   51790   51800   51810   51820   51830   51840
Human         TTAGGAATTTAGAGTTGTATGCCAGGAAATGGGGTTGAGGACCAAATGTCTATTTTACAATGTCACAATACAGTATTATG 51412
Kakapo        TGTC-TGTGA---CATCAAGCCGGGTATATA----TATT---TAAGAACCTCAGAAGCAAACCACAGTAGTTCTTCCA 21851
GoldenEagle   TTTC-GCTA---CACTGATATGCAGGGATT----TATCA--TCAGCATCTTGTGATGAATTTTAAAAATTTTTTCC- 24283
JapaneseQuail TCCTGTCTCG---TGCAGGTATAAGAAGATC----TACAG--TTAACCTTTC-----CCCC----CACCCCTCC- 20766
MediumGroundFinch TTTC-ACTAG---TGCAGATATGCAGGAATT----TATAG--CCAGTGTCTTGTGGTCATTTT---ACTTTTTTTCC- 8633
GoodesThornscrubTortoiseAGGTAATTAAGGAAACAGGCATCAGTCAACTGGACTATCA--TGTGACATTTAGCACAGTATTTGAATGTGGCCTTCTG 46972
    
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Majority      --CT----TATTTTCTGTTATTAATGGGTG-----AGATCAAATTTTATTGTATGCAACTTT---TTTT-----GCCT
              51850   51860   51870   51880   51890   51900   51910   51920
Human         CATTACAGTAGTTGCCATGCTGTGCGGTAGATCACCAGAACCTATTTCTTCTGTCTGAAACTTTGTACTTTGACCATCAT 51492
Kakapo        AGCT----GGTTGTTTTATGCAGATGATTG-----TGTGAAGCCACTGCAATATTTAATCTT---TCT-----GTCT 21912
GoldenEagle   --CT----TCTTTCCAGGAAATAATAGGTG-----AAAGCAACTTTTCATTGTATGCAAAATC---TTT-----GCCC 24342
JapaneseQuail -----ACTCCCTCATGTCAAAGAAAG-----AAGTAAACCT-TATTGTATGCCAGATC---TTTG-----CCCT 20822
MediumGroundFinch --CT----AATTTTCAGGAACTAATGGGTG-----AAAGCAACTTTATATTGTATCCAACCTTT---TTTT-----GCCT 8693
GoodesThornscrubTortoise @ATT----TGTATTTGGTGAGTAGTGAGGACCTCATAGAAGAAATGATTGTAGGGGGCAACCTTA-GTTTGAGTGATCAT 47047
    
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Majority      GTACCCATATAGTTCATTTCATATATTAGGAGA---TTTTGTGAATATGAGAGAAGGATATTTTATAGTAAAATTATACA
              51930   51940   51950   51960   51970   51980   51990   52000
Human         CACCCCTTCCCTGTTCACTCCTCCCTCCCCAGC-CTCTGGTGACTATTTTTTCTACTCTCTACTAATGTGAGTTCAGCTT 51571
Kakapo        G--GTCATA-ATCTCCATTTATAAACTAGAAGGGGGCTACAAGGATGCTGGAGAGGGACTCTTCATCA-GGGACTGTAGC 21988
GoldenEagle   ATAGCCACATAGTTACATTTCTATATTAGGAGA---TTGCGTGAATATGAAAGAAGATTATTGTAAAGGAAAATTACACA 24419
JapaneseQuail G----AGCA-----ATTTCTGTACAGGGAGA---AATTGTGAATGTGAGAGGAGGA-ACCCTAGAGGAGAAT----- 20881
MediumGroundFinch GTACCCACATAGTTACATTTCTGTATTAGGAGA---TTGTGTGCTTAT-AAAAAAGTTTATGATACAG-AAAATTATGCA 8768
GoodesThornscrubTortoise @CGCTAATTCAGTTCAAACCTAAATGGAAGGATAAACAAAAATAGATCTGTGACTAGGATTTTTTATTTTAAAAGGGCTAA 47127
    
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Majority      TTT---AGAATAAGGGT-T-A--A-----T-----C-----T-----T-----CAGAACA-TTTTAG-
              52010   52020   52030   52040   52050   52060   52070   52080
Human         TTTT---AGATTACATATGTAAGTGAGATAATGTGTTATTTGTCTTTCTTTGTTGACTTATTCACTTAGCACACACAGT 51648
Kakapo        GAT---AGGACAAGGGG-----T-GATGG-GTTCAA- 22014
GoldenEagle   TCT---AATTTAAAGGCTTCATATAT-----TTTCAAGGTCAATTATGTATTTTGGCCTCAGAACA-CTTTAG- 24484
JapaneseQuail -----GAATGAGGAA-----GAATA-TTTTGCT 20903
MediumGroundFinch TCT---AAAATAAAGGT-----C-----T-----CAGAAC--TCTTAG- 8796
GoodesThornscrubTortoise @TTTAAAAAAGTAAGGAAATTAGTTAGGGAAGTGGATTGGACTGAAGAACTTGTGGATCTAAAGGCAGAGGAGGCTTGA 47207
    
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Majority      GTCATATTTA--TGAATTTCTAGA---A--TTAAAT-----A--GTGTAGGGAAAAGCTCTTCTAGGATGAA
              52090   52100   52110   52120   52130   52140   52150   52160
Human         GTCTCTTAAAATGACATTTAATATCCCATTTCTAGTTCGTTATTTAAGTAATTTGCAAGTACATTCTCATTTTAAA 51728
Kakapo        ACTGAAACAG--GGGAAGTTCAGG-----TTAGAT-----CTAAGGCAGAAGCTCTTCCCTGTGAGG 22069
GoldenEagle   GTCATATTTA--TGTATTTCTCGAAA-A--TTAAAAA-----AAGTGTGCAGAGAAAACTCCTCTAGGATGAA 24557
JapaneseQuail GCAGTAGCTC--TTAATTTCTAGA-----GTAAAT-----ATTCAATTACAGTTCTTGTCATAGAAA 20957
MediumGroundFinch GTCATATTTA--CATATTTCTTTT-----TTAAAA-----GTGCAGAGAAAAGCTCCTCTAGGATGAA 8852
GoodesThornscrubTortoise @TTACTTCAAGTTAAAGTTGCAGAAACTA--TCAGAAGCTGCATCCAAGAAAGGGGGGAAAAAATCATAGGCAGGA 47285
    
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Majority	ATTTTA-----A-----T-GAAATGGTTTTTAAGATCAT--G---ATACTATTAA---G-----T-	
	52170 52180 52190 52200 52210 52220 52230 52240	
Human	AGATTAAACGAA--AGGAACATGTAAAGAATAAAGCTGGGGGCTGGGCTTGGTGGCTTATACTGGTAATCCAGCACTTT	51806
Kakapo	GTGCTG-----AGGCGCTGGCA---CA---G-----ACTTTTC-----	22096
GoldenEagle	ATCTCATTAAGATCATAGAATCATTTAGGTTGGAAAAGACCTTCAAGATCATCGAGTCCAACCATCAACCATGCCACTA	24637
JapaneseQuail	ATTACAC-----ACACAAAACATAGGACTGT-----GTATCTCAA---G-----	20994
MediumGroundFinch	ATTTTA-----T-----GAAATGTTTTCAAATCA-----GCTATTA-----	8885
GoodesThornscrubTortoise	ATTGTAGACCAAGCTGGATGAGCAAGCATCTCAGAAAGGTGATTAAGAAAAAGCAGAAAGCTTACAAAGAGTAGGAAGTG	47365

Majority	-----GTCAG-AGAGTATGTTATTT---TCTCGATTTTAGGACTCTTC-----AAGGTGA---A-----	
	52250 52260 52270 52280 52290 52300 52310 52320	
Human	GGGAGGCTGAGGCGGTGGATTACCTGAGGTCAGGAGTTCAAGACCCGCCTGACCAACATGGTGAAACCCTGAGTCTACT	51886
Kakapo	-----CCAG-AGAAGCTGTGGCTG---CCCCATCCCTGGCAGTGTTTC---AAGGCCA-----	22141
GoldenEagle	AACCATGTCCT-GAAGTACCCCGTCC---ACTCGCTTTTGAATACCTCCAGGGATGGTGACTCAACCACTTCCCTGGG	24712
JapaneseQuail	-----GCAA-ACAGTGTGTATATT---TTCCAACCTTGTA--TTT-----TGG-----	21033
MediumGroundFinch	-----TCAG-ATAGTAAGCTATTC---ATTCTTTGCTAGGA--CTT-----AGGGTGA-----	8927
GoodesThornscrubTortoise	GGAGGGATCAGCAAGGAAAACATATCT---TATTGATGTCAGAACTTTCC---AAGACCAATGCAGGTTGAGTAAGG	47436

Majority	-----ACTTGAAAAC---A--AGTATCTCAGTAAAAA--CT--TTTCTA-GTTCCTAGCT---TGAATGTTCA--TAGC	
	52330 52340 52350 52360 52370 52380 52390 52400	
Human	AAAAATACAAAAAAAAAAAAAAAAATTAGCCAGGCATGGTGCCAGGTGCCTGTAATCCCAGCTACTTGGAGGCTGAGGCAAG	51966
Kakapo	-----GGTTGGACAC-----AGGGGCTTGGAGCAAC--CT--GCTCTA-GTGGAAGGTG---TCCCTGCCCA--TGGC	22199
GoldenEagle	CAGCCCATTCCAATGTTGACAACCCTCTCAGTAAAAAATT--TTCCTA-ATATCTAACT---TAAATCTCCC--TTGC	24784
JapaneseQuail	-----CTTCAGAAC-----ATTTCAGGTGGTA-----TTTCT--G-----TGCCTTTTGT--TAGG	21075
MediumGroundFinch	-----ACTTAAAAAC-----AGTTTTTCTGCAAAAA--C--TGCTTG-GT---TGCAT---TGAATATTCA--TAGC	8981
GoodesThornscrubTortoise	-----ATTGATTGAGAGAGGAAAATCAAATGAAAAC-CA--ATTGTA-ATTCAAACCAAGTGATTGTTTA--TTAA	47504

Majority	TTGGGATTGAG-----G-----TTGAGTGATCTGA-----A---CA--ACT--C-----TAC-AATT	
	52410 52420 52430 52440 52450 52460 52470 52480	
Human	AGAGAATTGCTTGAACCCGGGGGGTGGAGCTTGCGGTGATCCAGATGCGTCACTGCACTCCAGCCTGGGTGACAGAGC	52046
Kakapo	AGGGGGTTGGAA-----CTGGATGATCTTG-----AGGT	22228
GoldenEagle	CTCAACTTGAGGCCATTTCTCTCGTCTATCTCCAGCCACCTGACAGAAG--AGACCAGCACCCACCTCACTAC-AACC	24861
JapaneseQuail	GGAGG-----AAGTGTGCAAAGA-----A--AAAT	21098
MediumGroundFinch	TTGAA--TGA-----TTGAATGACTTGG-----ACT-----TAA-AATA	9012
GoodesThornscrubTortoise	ATCGGAATGAG-T--TGCAACTTGGACTGGGGAGGAGCACTTTTACCAACT--AA--CAATACTATCAGGACAAG-AATA	47576

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Majority	TCCTTTCTGTTTGAAACA--G-----A---TT--CTTTTAGTTTAGTCTTCTATA-----T-A-----AGTTCC	
	52490 52500 52510 52520 52530 52540 52550 52560	
Human	GAGACTCTATCTCAAAAAAAAAAAAAAAAAAAGAGTAAAGCTGAGGCCTACACATGGATGGATGTGGAGGAGGGGC	52126
Kakapo	CCTTTCCAACCCAAACCA-----TT--CTATGAGTCTATGATTCTATA-----ATTCC	22274
GoldenEagle	CCCTTCAGGTAGTTGTAGAGAGCGATAAGGTCTC--CCCTCAGCCTCCTCTTTCTAG--ACTGAACAGCCCCAGTTCC	24937
JapaneseQuail	TCCTTAGTGTTTCCAATA-----TTAGTTCT----CAGCA-----GGAAAC	21135
MediumGroundFinch	TGCTTGTGTTTGCTGCA--G-----TT--CTTTTGTTC-TTTTTATA-----T-A-----GGTTCC	9061
GoodesThornscrubTortoise	ACACACAACCTTGAAACAATCTATTTACATCCAACGACAAGAACTAAGCAGTCTATAA--TCAACTGCTCACTAAAAAC	47654

Majority	-----TATTACTC-----A-TTGT--T-----C-TTAGTTAATTG---GTTCTTCTATGAAAATGCCCTAGGACCTC	
	52570 52580 52590 52600 52610 52620 52630 52640	
Human	ACTTAGGATGACTAGTGAAGCCCCATTGAGAGGGGATATTTGAATAATGAACTTCAAAGTGGTTAGGGAATAAGCCACT	52206
Kakapo	-----ATTGCTT-----TTCT-----C-TTGGTCAGATA---TTTCCTGTATGGATATGTCTTACGTTCCC	22326
GoldenEagle	CTCAGCTGCTCCTCATGAGACTTGTGCTCCAGGCCCTCACCAACTTGGTTGCCCTCCTCTGAACACGCTCCAGCACCTC	25017
JapaneseQuail	-----GTTACTTG---TTCTTGATAAGAGTTGCGTTGAACTTT	21171
MediumGroundFinch	-----TATTTCT-----TTGT-----TTAATAAAATAGGAGTTTCTCACTGAAAATGC--CAGGACCTG	9113
GoodesThornscrubTortoise	CAGAGCAGATACACAAACCAATAAACTCTA---CACGCATTAATTG---AATACTATAAAAATACACCAGCTAGCC	47725

Majority	AG--TC----T-----A-----TGTTGAGAATTTGGC--C-----A-----	
	52650 52660 52670 52680 52690 52700 52710 52720	
Human	TAT-TCCAGACAGAAGGAATAATCAATGCAAAGTTCCTTCTGTTGAAAAAATGCTTTTATAAT-TTTATTTTTCATCTT	52284
Kakapo	-----C-----T-----TGTTGGTAACATCAC-----	22343
GoldenEagle	AGCGTCTTTCTGTAGTGAGGGGCCAAAACCTGAACACAGTACTTGAGGTGCGGCCTCACCAGTGCCGAGTACAGGGGGA	25097
JapaneseQuail	-----AGAATTTGTT-----	21181
MediumGroundFinch	AG-----T-----TGCTCAGATTGTGGC--C-----	9132
GoodesThornscrubTortoise	ACAATAGCAATTAATACAACAATTTGACTCTCATATACTATATACACAACCTGGTACCAAGTAAGGGAAGGGAAGAAGTT	47805

Majority	-----C-----A---TATTTCT---ATAGGC-A-G-----TTAGCTACCTGTGAA	
	52730 52740 52750 52760 52770 52780 52790 52800	
Human	CTAAAGCCCTTCAGTCTCCTTTGGTCACTCTTTTTTTTGTAGTTGGTTATGCCTTA---A---CAACAGTACTTTGAGGA	52357
Kakapo	-----ATTTC---ATATAT-----TTAGCTAATGTGAAA	22369
GoldenEagle	CAGTCACCTCCCTGCTCCTGCTGGCCACACTATTTCTGATAGAGGCCAGGATGCGATTGGCCTTCTTGCCACCTGGGCA	25177
JapaneseQuail	-----TTTCT---GTAGAA-----ACTACCTGTGAA	21204
MediumGroundFinch	-----ATTT-----AAAGGC-----T-----TTGTCAACCTGTAAA	9158
GoodesThornscrubTortoise	AAGCAAGCAGAGTATCTACAGAAATTAATAATGCACATACCACACTCCAGGCGCAGCTGACCAGCAGTACAGACACGAGGA	47885

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Majority CATT-----C-----CA---AACCTCACCAGTTTTTCTATGCTAGC-T--T---A-----
 52810 52820 52830 52840 52850 52860 52870 52880
 Human TACTAGTTACAGTATTTAAAAATACGTCACATATATGCTGAGTTATTTTTCTAGTGTAGCATTATGTTTATCTTGTTTC 52437
 Kakapo CAAG-----A-----AGTACTTTCTACATTAGC-C----- 22393
 GoldenEagle CACTGCTGGCTCATATCCAGCCGGCTGTCAA-CCAGCACCCCGAGGTCTTTCTCTGCCGGG-CAGCTTCCAGCCACTCT 25255
 JapaneseQuail CATT-----GAATCTTTAAAGCTTG----- 21224
 MediumGroundFinch CATT-----C-----AATTTACCAGGTTGGTCTATGCTGA----- 9189
 GoodesThornscrubTortoise CATGGCGAATTGGGGAGGGGAAGTGATCCAA-AGAACCAAACGACACGACATGAGCCAGC-TAAATCCGGAGGAGACCT 47963

Majority -----ACTGAAG---G-----T-----GACTTTATTTCG
 52890 52900 52910 52920 52930 52940 52950 52960
 Human TCATTCTCTTCATCCCCCTTTGTTGTCTTTTCGTGTTTCAGAATGGACAATTAGATTTTGTAAAGTTGTATGCTTTCC 52517
 Kakapo -----ACAACAA-----T-----GACTA-ATACT 22411
 GoldenEagle GCCCAAGCCTGCAGCGCTGCATGGGGTTGCCGTGACCGAAGTGCCGGACCCGGCCTTGGCCTTGTGAACTTCATACG 25335
 JapaneseQuail -----AAT-----GATTGAATGCC 21238
 MediumGroundFinch -----ATTGAAG---G-----AACTCTATTCA 9208
 GoodesThornscrubTortoise TAGTGGGAAGGGTGATCAGGCCTTCCAGCTAACACACGGATACTCTCG-CAGGTTTTGGCATGAGATACAGTTTTATTG 48042

Majority ACTGG--T-A-----GATTTAGCTTAT---G-----CTGTCTTTCCTGCTTAATTTCAAGCAG-----T-----
 52970 52980 52990 53000 53010 53020 53030 53040
 Human TCTAGGATAAAGTAATGAAGAGCGTTTACTAAGCTGTTACCCCCATTCCCCCAAATACCAAAGAGGCTCTTATTCTGGG 52597
 Kakapo ACTAG-----TAAGCTTCT-----TGCTTTAATGTATAAACTGAAATG----- 22450
 GoldenEagle ATTGGCCTCAGCCCATCGATCCAGCCTGTCCAGATCCCTCTGTAGAGCCTTCTTACCCTCAAGCAGATCGACCCTGCCTC 25415
 JapaneseQuail ATGGA-----CTTAACTTGT-----GTACCTTATGCTTCATTTT--GCA----- 21275
 MediumGroundFinch GCAGG-----GATGTGGCTTAT---G-----TGTC AATTATTTAAATTGAAGTA-----T-- 9252
 GoodesThornscrubTortoise CAACTCTTACTCGTGTC-A-GCGTCTGATTGGTCCCTAGCTCCTTCACCAACCAGGTTCCGAGCTGGTACCCTCTACATC 48121

Majority CCAACTTGG---ATGTGCAAAT-----C--AATGTTTTGACTCACAGCTTTAATAAAAT---T-----
 53050 53060 53070 53080 53090 53100 53110 53120
 Human TCAACAAAACCTCCCTTTAGAATTT---CTGGTACCAGGCTGTGCGTGGTGGCTCACACTTGTAATCCCAGCACTTTGGGA 52674
 Kakapo --AA-----AGGATGAAATA-----AATGTTTTGGAA--A-GCTTTAAGTATTT----- 22489
 GoldenEagle CCAACTTGGTGTCACTGCAAACTTGCTGACGGTGCA-CTCAATCCCCTCATCCAAATCATTGATAAAGTTATTAACAG 25494
 JapaneseQuail -----GTCATAT-----AGTTTTTCAGTC-CTGTTTTAATAAAA----- 21309
 MediumGroundFinch CCTATTTGG---ATGTGAGAAT-----AATGCTTTGAAT--A-TCATTAGTAAAG----- 9296
 GoodesThornscrubTortoise AATAGGAGCTGCACCCGGCAGACTACTTTTGCACACAGCCCTATGCTTTTACACACAGCACCAACTTGACCTTTTGACCG 48201

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Majority      -A---G-T-----G-----GACATC--TGGTTTT-A--C-A-----A--
                53130   53140   53150   53160   53170   53180   53190   53200
Human         GGCTGAGGTGGGCGGATCACGAGGTGAGGATCGAGACCATGGTCAAACCCCGTCTGTACTAAAAATACGAAAATTAGC 52754
Kakapo        -----ACATT--TGAGTTT---C----- 22502
GoldenEagle   AACGGGGCCCAACACCGAGCCCTGGGGAACACCACTTGTGACCCGCCCAAC--TGGTTTTCACCCCATTACCACAAC 25572
JapaneseQuail ----- 21309
MediumGroundFinch -A-----T-----GACATC--TTGTTT----- 9310
GoodesThornscrubTortoiseACAGAAGGTTTCGAGAACAGGCACGCTGGTATTTTGCACATGGCACTGGC--C--TGACCCTTAGGTGACCAGGGAAAAG 48277
    
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Majority      ----G---G-----A-----G-A-----TAAGATGTTGTTGGCTCA-
                53210   53220   53230   53240   53250   53260   53270   53280
Human         TGGGCGTGGTGGCGGGCGCCTGTAGTCCAGCTACTCGGGAGGCTGAGGCAGGAGAAATGGTGCAGACCCAGGAGGCGGAG 52834
Kakapo        -----TAGTTGGTTGTTGGTCTG- 22520
GoldenEagle   CCTCTGGGCTCGGCCATCCAGCCAGTTTTCACCGAGTGAAGAGTGCCTTATCCGGGACACAAGATGCCAGTTTCTCAA 25652
JapaneseQuail -----GAGAAGTTTCTAACT--- 21324
MediumGroundFinch -----AAGATATGGTTGTCTCA- 9327
GoodesThornscrubTortoiseAATGGGAATAGGCACACGGCACTATGGTGTAGCACACAGTACCAGTGTGACCTTT-----TGACCACAATTGGCCAAA 48351
    
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Majority      -GAGTATCACATG-----T-----A---T--A-A---G-----GAAAGTGAGTT
                53290   53300   53310   53320   53330   53340   53350   53360
Human         CTTGCAGTGAGCCGAGATCGCGCCACTGCACCTCAGCCTGGGCGACAGAGCGAGACTCTGTCTCAAAAAAAAAAAAAAAAA 52914
Kakapo        -GACTGACACTTG-----T-----GAAACAGAG-- 22542
GoldenEagle   GGAGTATGCCATGACAGTGGCAAAGGCCTTGCTGAAGTCAAGATATGTTTTCAAAAATAGTTATCAGCAGGAAGTTAGTT 25732
JapaneseQuail -----ACAAATG----- 21331
MediumGroundFinch -----TATCACATG-----GAAACTGAATT 9347
GoodesThornscrubTortoiseAGACGCCATGTTTGGAGCATAGGCTTTAGGGCTGCGACAAGAACATGTAGGGATAAAGTGAGAAAGGTCAAAGCCATGT 48431
    
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Majority      ATTGATTG-TCTTGCAA--AGGGCATGCTGAGTACTTAGATCAGTT-----A--A-----A---A---
                53370   53380   53390   53400   53410   53420   53430   53440
Human         AAGAATTCCTGGTACCAGCAGGGCACTTTGGCTCATGCCTGTAATCCAGCACTTTGAGAAGCTGAGGTAAATTCAGGGC 52994
Kakapo        ATTGACT---CCTGCAA--AATGCATGTTTAGTAGTCA-ATGATT----- 22581
GoldenEagle   ATTCACTG-TTTGTTAG--GAGTTATGCTGAACTTAAGATCAGTTTTTCTGCAAAAACACTTGGGAGCATTGAATCTT 25809
JapaneseQuail -----TC-----AGGGAATGCAGATTGCTTAGATAATGC----- 21360
MediumGroundFinch CTTTCTCT-CCTTGGTG--GAGAGATGCAGAGCACTTAGATCAGT----- 9389
GoodesThornscrubTortoiseAGAGTTGGACCTTGCAA--AGGGAATTAAAACCAATAGTAAAAGTTCTATAGTCATATAAATAAGAAGAAAACAAAGAA 48509
    
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Majority      ---AG-----GCCATGGA-----A-----ACA-----TT-----
                53450      53460      53470      53480      53490      53500      53510      53520
Human         AGCAGTGAAGTGGTTCACACCCTGCACTCCAGCCTCAGCAACAAAGCAAGACACAGTCTCTTAAAAAAAAAAAAAGGAAG 53074
Kakapo        -----TCACTAA----- 22588
GoldenEagle   CATAGCTTTAACAATTGAATGCCATGGACTTACAGTATTCCTTGTGTACATTACACTTCATTCTGTTGTGTATAGGTTTC 25889
JapaneseQuail -----CCATTC----- 21366
MediumGroundFinch -----GCTATGG----- 9396
GoodesThornscrubTortoise AGAAGAAGTGGGACTGCTAAACACTGAGGTTAAGGTATGGCCCAATATCTAAACAAATACTTTGCTCAGTCTTTAATGA 48589
    
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Majority      -----TTG--T--TTAATGGAACAGGGGTTTTTAAT-----CA--G-----GGTATTATGTGTTC-----A-
                53530      53540      53550      53560      53570      53580      53590      53600
Human         AAATTCTGGTTCCTTTAAGGGAGATTTGTTGTTGTTTTCTCTTTTAATGGTGAGGGTACAAGTTGGTTCACAGGAGGGAG 53154
Kakapo        -----TG-----CAGAGAAACAGGGGCTTAGAAT-----C-----AGCACCTGTGATG----- 22627
GoldenEagle   TATTCTG--TCTTTAATAAAATAGAAGTTTCTAACTAAAAATGCCAGGGACCCAAGTTGTTTAGATAATGGCCATTTAT 25967
JapaneseQuail -----A--TAGGCTTTGTCA-----GATCTTATGCCTTC----- 21393
MediumGroundFinch -----TTG-----TTAACAGAACGTGGGTTTTTA-----C-----AATAGTCTGAATTG----- 9435
GoodesThornscrubTortoise GAGCTTA--TGGATAATGGTACGATGACAAATGGG--AATGAGGATATGGAGGTAGATATTACCACATCTGAGGTAGAAA 48666
    
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Majority      -----AATTTT-----TATCACTTTTTCCATTTGTGCTTAATTGA---A---T-T-----G-ATAT
                53610      53620      53630      53640      53650      53660      53670      53680
Human         AAGAGAAATTTAGCTCTTTTGTTAATGAAGTACTTTCTGTTCCGCTGTTTTTTACCCACTCCCTCCTCTGTGAACCT 53234
Kakapo        -----AATTTT-----TAACATATTTCCCTTTATTTCCAGGAAA-----T 22663
GoldenEagle   AGGCTTTGTCAACTGTTAAGCATTCAATTTCAACAACCTCATTATGCTAAATTGAAGGAACTCTGTGCAACAGGGATGT 26047
JapaneseQuail -----AATTC-----CATGACTTGGTTT-TCTGTGAGTATGGA-----TAT 21430
MediumGroundFinch -----AATATT-----CCTGAACCATTCC--TGTGCTCAGTGGA-----TCT-----T 9471
GoodesThornscrubTortoise AAAACTTGAACAGCTTAATGGGACTAAATCGTGGGCCAGATAATCTTCATCCAAGAATCCTAAAGGAACTGGCACAT 48746
    
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Majority      GGCT-----C--G---GG---TGT-AGTATC-----AATTTTGTCTGGATGC-----G---G-
                53690      53700      53710      53720      53730      53740      53750      53760
Human         GCCAATTTCTGATTTGGTTCCTGTGGCTGCTACCAGTAT----A---ACACCTGTTTGTGTGTGTTCACTGTGTCTC 53305
Kakapo        AGT-----A---GG---TG--AAAAC-----AACTTTTACTGGATGC----- 22693
GoldenEagle   GGCTTACATATCAACTATGTTTAGGG---TGT-AGTATCCTATTTAGGAGAATAATGCTTTGGATGCCATTTGTAGAGA 26122
JapaneseQuail GGCT-----TA--TGTGTC-----AATTATGTTTAGACTGC----- 21459
MediumGroundFinch GGC-----C-----G---TGT-AGGAT-----TAATGGT---TGGGCTC-----G- 9499
GoodesThornscrubTortoise GAAATTGCAAGCTCATTAGCAAGAAATTTTAA-AGAATCCTGTAAACTCAGGGTTGTACTGTATGACTGGAGAATTGA 48825
    
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Majority      -A--AGATTTT-T-----A--AAG-----GTCCTATGTAATCTGGATTTTCTA-TC--TGATGGTGAGCCA-----
              53770      53780      53790      53800      53810      53820      53830      53840
Human         CAGTCCATTTGGTTCATTTCATTTTCTGTGTTCCAGGAATTTGATAAAATTTATTCTCAGC--TAATGATAACCTTCCCTC 53383
Kakapo        -A--AAATCTT-----TGCA--CGTATCTGCATCGTTATATTA--CTATATTAAGACG----- 22739
GoldenEagle   TG--AGATTTTGTTTAGAAATAGACAGCTGATGTCATACGGAACTGGATTTTCTTCTCCTTGGTGGAGAGCCAAAGAG 26200
JapaneseQuail ----AGGATTC-----AGTTAGATTGGTGAA-----TAATGC----- 21488
MediumGroundFinch -----ATCTT-----A--AAG-----GTCCTCTCCAACCCAAATGTTTCTA-----TGATTCCAGGGCTA----- 9546
GoodesThornscrubTortoise@AGCATAGTTCCTATTTTAAAGAAAGGGAAAAAAATGTGATCCGGGTAATCACAGGCC--TGTCAGTTTGACATCTGT 48904
    
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Majority      -----T-----GG---TTTTTG---G-----AATA---TGAAT---A--
              53850      53860      53870      53880      53890      53900      53910      53920
Human         CCTTCAGTGTTTGTTTATTTTATATTCATTCTACTTCTAGGCATTTTAATAGAGTTTCAT--AATAGAAGACATGCAAATG 53461
Kakapo        -----TTTTTG-----ACA---TGAA----- 22753
GoldenEagle   GGCTTA-CATCAGTGAATGGCTGTTACAGGAGAGGGGGTTTTTGGTAGTCTTGAGTTGAATATAATGAATATTCACG 26279
JapaneseQuail -----TTTTG-----AAT----- 21496
MediumGroundFinch -----GG---TTCCT-----AAT---TT----- 9558
GoodesThornscrubTortoise@GTATG-C---AAGTCTTGGGAAAAATTTGAAGGAGAAAGTAGTGAAGGAC-----ATTGAGGTCAATGGTAATT 48972
    
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Majority      ----TTTATGGTTTATGTTTTTTTAAATTTCTGCT--TTTTAAAGCTATAACTTGAT--TTCTAAATGAACATAATATT
              53930      53940      53950      53960      53970      53980      53990      54000
Human         -AGTATGCATTAACCATGAATCTTTTCACATCCGTTTCATGAAATCACCAGGTCCTATTAGTTCACACTTTTAAATTATCT 53540
Kakapo        ----AGA--AGGTTATTGTAAAGAAAAATCCACACA--TCTAAAAGGCATTATATAGT--TTCAAGGTTAA-TGATGTAT 22821
GoldenEagle   TTAGATTTCTGATTTATTTTTTTTAAATTTTTTAAACTATAAGGCTATAACTTGAT--TAGTAAATGAACATAACTA 26357
JapaneseQuail -----GCCTTATGTAGAGGCAAGATTCTGCT-----TAG---AATTTG-----CCAAGTATGTTG 21544
MediumGroundFinch -----TTTTTGGTTTACATTTTTTTTAAACTATGCA--TTTGCAGCTATAACTTGAT--TTGTAAATGAGCTAACACTG 9628
GoodesThornscrubTortoise@AAACAAAATACAACATGGTTTTACAAAAGGTGGATCGTGCTAAACC--AACCTGAT--CTCCTT-TGAGAAAGTAACA 49046
    
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Majority      ----TGTTTTAGTCATAGTACTCTCTTTGTGATTTTTTTAACTTTTTTTC---CGTAATGCATATATTGTAGC-CTGCTC
              54010      54020      54030      54040      54050      54060      54070      54080
Human         GCCTGGTTTTCTCCATCTTTCTGCTACTTGTATTGCTCAAACACTCACCTGTTGGCTATATTACTACGACAGTTCTC 53620
Kakapo        -----TTTTGGCCACAGAACTTTTCGAGGATTTTTTATACTATTTTTTC--AAGAAATACATAAATTGTG----TG--- 22886
GoldenEagle   AACTGTTTTAGTCATGCTATTCTCGTGGTGATTTTTTATTTTTTTTTTCCCAATGTAGATATTGTATCATTATGC 26437
JapaneseQuail -----CATGGAAC-----TG-GATTTTTCTTCTCTTTTT-----GTTGACAAACT----- 21585
MediumGroundFinch ----TGTTTTAGTCAT----TCTCCAGTCTCTTAAACTTTTTCT---CCCAATGCAAATATTGTAGC-CTGCTC 9694
GoodesThornscrubTortoise@A--TTTTTAGACAAAGGAAACACGTTGGATCTAATTTACCTCAATTC--AGTAAGGCATTTGATACAGTTCCACAT 49121
    
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Majority      TTTTCAAAGCGTATTTATTTTTATTACAGTTCTTGCATTAAGATTTTGTATTGGATGAAGCTTT--TCAAT-TCTAGTG
              54090      54100      54110      54120      54130      54140      54150      54160
Human         TTTATAAACTACTTTCTTTTTCTTTTCCCTTCTGGAATTTTTTCTCGCTAGTACAGCCAGTACGTATCTTTCTCAAATG 53700
Kakapo        ----CAAAGAGAAACTCTTTTTGGGTGAAATCTTGCTTCAGCGTGT---TTGAAAGTAGTTA-----CCAGCA 22949
GoldenEagle   TCTTCAGTGCATGTTTATTTTTATTA--GTTACAGCAGCAAGAGTTTTGAATTGGATTAGGCTTT--TCAAG-TCTGGTG 26512
JapaneseQuail -----AAAGAGGACTTTGCATCAGTGCAGTGGCTATTACAGAATT-----GCT----- 21628
MediumGroundFinch TTTTCAGTGCATATTTATGTTTGTAAAGTTTTAGCAGTAAAATGTTTGAATTGGATCAAGATTT--TCAAG-TCCAGTG 9771
GoodesThornscrubTortoise GAAAAAATGGGGATCAATATGAAAATTGAAAGGTGGATAAGGAACTGGTTAAAGAGGAGGCTACAGTGGGT-TGTA CTG 49200
    
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Majority      AA---AGCTAAATTACTTGGT---GAAGTAGCTACTTGCCAA-----TAAGCTTCCATTTTAAGATCAGTATTTTTG
              54170      54180      54190      54200      54210      54220      54230      54240
Human         CACATATCTAAGTTACTC--CCATGCAGTAGGTCCTGTTTCATGCTCAGGCTAAAGGCCCTTTCTGAGCTTACTACTTTTT 53778
Kakapo        GG---AAGTAAGTTACTC-----ACTGTTTGCCAGGAGT-----TAGGCTGAACCTTTAAGATCAGAGTTTCTG 23010
GoldenEagle   AA---AGCCAAACTACTTGGT---GAAATACCTACTTGCCAA-----TAAGCTTCCAATTTAATAACAG--TTCCT- 26575
JapaneseQuail -----CTTATTCATTTGGT---GAATTAGCTTCTTGCCAA-----TAAGCTTCCACTTCAATAGCACTATCTTGG 21690
MediumGroundFinch AA---AGCCAAACTACCTCAT---GAAATAGCTACTTGCCAG-----TAAGTCTCCAGTTTAACAGCAG--TTTCAG 9835
GoodesThornscrubTortoise AA---GGGTGAAGTGTGAGGCTGGAAGGAGGTTACTAGTGGAGTTCT--TCAGGGATCGGTTTTGGGACCAATCTTATTT 49275
    
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Majority      CAGTAGTTTTTAGTTGGCTTGTGAGAT--TGCTTGCCAGCATGCTTTGCTTCTTCTCGTTTTTCTGCAATTTTGTCTTA
              54250      54260      54270      54280      54290      54300      54310      54320
Human         GTCTTGCTTATGACTACTCCCACCCTATTTGCTTATGCTTCTGTCCAAAAGTAATGGTGCATCCTGTAACCTGGCATG 53858
Kakapo        CATTGAATCTTCAT-AGCTTGAACAAT---TGAGTGCCGAGACTTAGAGTATGCCTTGTGTACATTCCACTTCAGTTTA 23086
GoldenEagle   CAGCAGTATTTAGTTGGCTTGTGAGGTGTCCCCCTCCAACATGCCCTTGCCCCCTCCAGTTTTCTGCAGTTTTGTCTTT 26655
JapaneseQuail TAGTAGTTATTAGCTGGCTTTTGTGAGAT-----TGTCCTTCCAGTTTTCTGCAGTTTTGTCTTT 21750
MediumGroundFinch CAGTAGTTATTAGTCAGCTTGTGAGGT---CTCCTCCAACATCCCTTGCCCTCTCCCAAGTTTCAGCAATTTTGTTTTA 9912
GoodesThornscrubTortoise AATCTTTTTATTACTGACCT-TGGCACAAAAGTGGGAGCGTGCTAATAAATTTTGTGGATGACACAAAAGTGAAGGTA 49354
    
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Majority      TT---GCTGTATAGGGAAGGATCTTTGAGGTTA-----T-----TTAT---GATAGATTTTGTCTTACCAGAAGACAA
              54330      54340      54350      54360      54370      54380      54390      54400
Human         TTTTCTCTTGATGTCAGTCGTTTGTCTGCCATTAATGTCAGTCTCTCATGCAATGGAATATTGTGGGTTGGCTGCCTTTTG 53938
Kakapo        TT---GCT-TATTTGGATAGGTTTCTGTGTTTA-----ATAA---AATAGGAGTTTCTAACAAAAAAGCCAA 23147
GoldenEagle   CTCCTGCTGTATAGGAGGGATCTTTTGGGTTACTTGTATTATCTTATCTCCACAGACTCCATTTCTACTGCAAGACAA 26735
JapaneseQuail TT---CCT-----GAAGCATCTTTCACATTG-----T-CCTGTGTGTCAGAAAAC-A 21790
MediumGroundFinch TG--TGCTGTATAGGGAAGGATCTTTCAGGTTG----TTGCTGCTTAG--GCATAGACTCTATTTCTACCAAAAAGACCA 9983
GoodesThornscrubTortoise ATA--CCAATGCAGAGAAGGACC---AGGATA-----TCATACAGGAAGATCTGGATGACCTTGTAAGTGG 49416
    
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Majority      GGTATACTTTTAGTACCTTACTCTTCTTGATTGAGTTGTTAACTTTTATGGATCCTGATTTTGCTCATAAATTT-TGT
              54410      54420      54430      54440      54450      54460      54470      54480
Human         CACCACCCTTCTCCACCTCACACTTCACATGGCCAGTGTAAATATCTTGAGGTCTCCCTTTAGCTATTT--CTTCTCC 54016
Kakapo        GGACCAAAGCTGTGTAGATAATGGCCATTTATAGGCTTTGTCAACTCCTAAGCATTTCTACTTTCAAACCTTGATTTCTGC 23227
GoldenEagle   TATTATTCTTTTAGTACCTTGTCTTCTTGACTTAACTTATTAACCTTTATGGACACTGATTATGCTGGTACAATT-TGT 26814
JapaneseQuail GACTATATAAATAATG--TTCTTCTCAGTGCTTGGGGTT--TGTTTTTTTTTGTCTTTTTTTT-----TA--TTT--GC 21856
MediumGroundFinch GGTATTCCCTCTAGTACCTTGTCTCCCTTGACTTGGCTT--TTAACCTTTATGGACCTGATTCTGCTAATAAAAATT-TGT 10061
GoodesThornscrubTortoise @GTAAGTAAATAGGA--TGAATTTAATAGTGAAAAATGCAAGGTCATGCATTTAGGGATTAATAACAAGAATTTTTTGT 49494
    
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Majority      TAAAAGATTGGAGCTGTTGTTTTAACAGTA---AGTTTACCTTTTCAGTGGCTCTGA--ACAAGTTGTGCTTCT-ATGTT
              54490      54500      54510      54520      54530      54540      54550      54560
Human         TAAAAGCTATCCCCTGATAAGCAAAGAGTAGATTAGGTTTGGATTGAGAGTGTAAAC--TCCGAATGAGATACTGCTATG 54094
Kakapo        TAAATTGAAGGAACT-CTGTGC-AGCAGGG-----AT--GTGGCTTAGAT-ATCAGTTATGCTTA---GAG 23285
GoldenEagle   TAAGAGAATGAAGCTGTTGTTTTAACAGTAGTTGAATTCACCTTTTCAGTGTCTCTGA--ACAAGTTGTGTTCCC-ATGTT 26891
JapaneseQuail TAAA-GAATGAAGTTGGTGCCTTAACATCA----GTTTACCTTTTCAGTGGCTCTGA--ACAAATTGTGTTTCC-ATGTT 21927
MediumGroundFinch TAGAGGATGAGATTTGTTGTTTTAACAGTA---AATTCACCTTTCAATGGCTCTGA--ACAAGTTGTGCTTCT-GTGTG 10134
GoodesThornscrubTortoise @ATAAGCTGGGGACACATCAGTTGGAAGTAACAGAGGAGG--AGAAAGACCTCAGAGTATTGGTTGATCACAGGATGAC 49571
    
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Majority      TTAAATGTT--GGTT-TTCTATTCCCAAGTGTAGTTAA-ATGATGCTTCTTTAGCTCAGAAGTGCCATTTAAAGTTAGAA
              54570      54580      54590      54600      54610      54620      54630      54640
Human         CACATAACCAGAGTGGCTAAAATTTAAAGGATAGGTAATAAAAATACTGGTGACAACCATTTTGGAAAACTCGAAATATCT 54174
Kakapo        TGGAATAT---CCT-ATTTAGGTAGGAGAATAATGCT-TTGA-ACATCATTAGTACAGAGGAG--ATTTT--GTTAGAA 23354
GoldenEagle   TTAAATGTTGCAGTT-TTCTATTCCCAAGTGCATTTA-ATGATGTCTCTCCAGCTGAGAAGTACCATTTAAAATGGCAA 26969
JapaneseQuail TTAAAACT--GGTT-TTCTGTACC-AAGTGTAGTTAA-ATAA-----GAGAGTG---TATAAAGTTAGGG 21985
MediumGroundFinch ATAAATGT---GGTT-TTCTATTCCCAAGTGCATTTA-ATGATGCGTCTTCAGCTGAGAAGTACCATTTATAATGACAA 10209
GoodesThornscrubTortoise @GAGTCGCAATGTG-ATATGCCATGAAAAAGCCAATGTGGTCTTGGGATGCATCAGGCCAGGTATTTCCAGTAGAGA 49650
    
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Majority      ATAGGAGATTA-AGTT--G-TGTA-GGTGTCATGTAGTGCCAGGATCTCTCGATAACTGTCCTGAGAGCTAATTTTAATT
              54650      54660      54670      54680      54690      54700      54710      54720
Human         ACTAAAGTTGAGCATATAGCTATT--CTTTGATGTAGTAAACTCGCTCCTAGTTAACATACCTGAGAACATGTACATAGG 54252
Kakapo        ATAGACAAC-----GATGTCCTGTGGAACCTGGATTTTTTTC----TTCTCTTTGGTGCAGAGCCAAAGA 23414
GoldenEagle   ATAAGAGACTAAAGTTGGGGAGAAAGTTTCATACAGTGCCAAAAACTCTTAATAACTGTTCTGAAAGCTAAATTTCACT 27049
JapaneseQuail AGAGGTGCTT-----CATGTGGTGAAGGAACTTTAC-TATTTGTCCTAAAAGATAATTTCCA--T 22042
MediumGroundFinch ATAAGAGACTACAGTT---AGAGAGGTGTCATACAGTGCCAGAATCTCTCAATAACTCTCCTAAAAGCTAAATTTAATT 10285
GoodesThornscrubTortoise @CAGGAGTTTTAGTACTGTTATAGAAAGGCACG-AGTGAGACCTCATCTGGAATACTATGTGCAGTTCTGGTCTCC-TA 49728
    
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Majority      TGT-TTAACAA--ATGTTTTAGAAAATTCAGTGTGTATGTACATGTTTGTTTAGTATATGATACACTTTT-----T
              54730    54740    54750    54760    54770    54780    54790    54800
Human         TATGTTAAAAGATATGTACAAGAAAGTTCATGGAACACTGTATGTAATAGCCCAAAAACTATAAATCATC----- 54323
Kakapo        GGG-TT-----TACCTCAGTGCAGTGGCTGTTACA-GAACAGGTTTGGTTTCGTTTTGGGGTTCTTTG----- 23475
GoldenEagle   TGT-TC-ACAA--ATGTTTTGAAAAATTCAGTGTGTATGTGCATGCATATTTAGTATATGACACACACACACGCTTTAT 27125
JapaneseQuail TGT-TTGACAG--ATGTTTT-GAAAATTCAGTCTGTG--TACACAAGTGTTTAGTATATGACAGAGTTTG-----T 22108
MediumGroundFinch TGT-TCCACGA--ATGTCTT-AAAAGTTCAGTGTGTATGTTTCATGCATATTTAGTGTATGATACACACTT----- 10352
GoodesThornscrubTortoise @GT-TTAAGAAGGATGAATTCAAACTGGAACAGGTACAGAGAAGGTTGATCCGAGGAATGGAAAACCTGT-----CAT 49801
    
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Majority      TACTGCCATTACTGAAATAG-GAAGTTTGTGTTAGGCTATACTGGATGGATAATTAAGGTAGTAA--AAGAACATGTTT
              54810    54820    54830    54840    54850    54860    54870    54880
Human         CAAATGTTCAACAGCAGCAGAATATGTTGTGTTGTATTTCATTTAGTGGAAATATTGTATAGTAATAAAAAATGAACAAGCTA 54403
Kakapo        -----CCAGT-CTGAAGTGGCTATAATCATCCCTGGAGGTGTTTAAAAGATGTGTAAGTGTGGTGTCTGGGGACATGGTT 23549
GoldenEagle   TACTGCCATTATTGAAATAG-TAAGTTAGTGTAGGCTATGCTGGCTGGATAATCAAAGGTAGAAA--CAGTACATGTTT    27202
JapaneseQuail TACTGCCCTTATTGAAGTAG-GAAGTTTGAAGTAAAGCTATACTGGCTGGATAATTGAAGATTACAA--AAAAGCTTCTTT 22185
MediumGroundFinch -----CATTACTGGAACAG-GAAATTAAGTGTAGGTGATACTGAATGGATAACCAAAAAGTAGTAA--AAGTACATATTC 10423
GoodesThornscrubTortoise @TGAAAGGAGACTCAAAGAGCGTGGCT--TGTTTAGCCTAACCAAAAGAAGGCTGAGGGGGAGATA---TGATTGCTCTC 49876
    
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Majority      TCTTGTGTTCAGAAA--AGCAGTAATCACCG--GTTAGGTTAATTTTTTCTGTCTATCTAGAATCTGGTCTTAA--AT
              54890    54900    54910    54920    54930    54940    54950    54960
Human         CTGCTGCCTGCAAAACATGGGTAGTGTACATCATAATTATTGGAAGAAGCCAAACCAAAGTAGAA--TACATCTGAT-AT 54480
Kakapo        TAGTGGTGGACTTG-----GCAGT-----GTTAGGTTTATGGTTGGACTCGATCTTAAA---GGTCTT----- 23604
GoldenEagle   TCTTGGCTTTCAGAAA--AGCAGTAATAACCGATGTTGTGTTAATTTCTTCTCTTTCTGAGAATCCAGTCTTAA--AT 27278
JapaneseQuail TCT--ATGTTCAAAAA--AGCAATAGTACTA--ATTTGTTGTTTTTTTTTTTCCATCTTCTATCTGATATTAA--AC 22257
MediumGroundFinch TCTTTCATTCA-----GCAGC-----TGACACGTTTCAATTTCTTCTGTCTTCCAAAAG-CCATTGTTAA--AT 10483
GoodesThornscrubTortoise @ATAAATATGTCAGAGG--ATAAATACCAGGGA-GGAAGAGGAATATTTAAGCTAAGTACCAGTGTGGACACAAGAAC 49953
    
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Majority      GTTTTGGTGTAAATTT-ACTTTATGAAGGT-GGGCTTCATTTTT--ATGAATTTTATTAGTTCAGCTTTTA-TTCTCTGA
              54970    54980    54990    55000    55010    55020    55030    55040
Human         GATTCCATTTATGTAA-CTTGGAGGAAGCGTGAGTATGGCTTCT--AGAGTGTGATAATATACTGTTTT-TTATCTGG 54555
Kakapo        -TTCTGACCTAAATG--ATTCTGTGATTCA-GGGTTAGATTTCT----GATTTTATTATTTTAAATTTTAACTCTATAT 23675
GoldenEagle   GTTTTGGGTAAATTTTACTTTAAGAAGGT-GGGCTTCATTTTT--ATGAATGTTACTAGTTCAGCTTTCA-CTCTGCAA 27354
JapaneseQuail ATTTTGGGTAAATTT--CTTGTG-----GCTTCATTTTG--TGAATTCATCAGTTCAGCTTTCA-GTATCTGA 22321
MediumGroundFinch CTTTTGGCATAAATTTTACTTTAAGAAGGT-GGGCTTCATTTTTTAAATGAATGGTACCAGTTCAGCTTTCA-TTGTACAA 10561
GoodesThornscrubTortoise @AATGGATATAAACTGGCCATCAGGAAGTTTAGACTAAATTAGAGGAAGTATTCTAACCATCAGTGGAGTGTGTTCTGG 50033
    
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Majority      GTCATGCTTTTGCGGATA-G-GTAATAAG---CTTTT-TATTGGTTTTTTGCCCCTACGACTGATAACTTTTTTTGGGCAA
              55050   55060   55070   55080   55090   55100   55110   55120
Human         GTAATTATTTACAGAGATGTCCAATTTGTGGTATTT-TATGGAGCTTTATACTTAGGTTTTGTGTCTTTTTGTGTGTGT 54634
Kakapo        TTAAGGCTGTAAC-----TAATAA-----A-----TGAAC TAAGACTAACACTGTGTTCCGGTCA- 23726
GoldenEagle   GGCATGCTTCTGCCAATA-A-GTAATAA----CTTTTGTGCATGGTTGCTTGCCCTACCACTGAAAAC TTCTTTGGGCA- 27427
JapaneseQuail AGTATGCTCCTGCGAATA-G-GAAATCAG-----TGGCTCTGTCAGACTTACTTGCATTTATGTAG 22380
MediumGroundFinch GAGAGGCTTTTGCCATA-A-GTAATAAACAGCTTTTGTGCATGTTTACCTGCCCTACTGCTAAAAACATTTTTTTGGGCAA 10639
GoodesThornscrubTortoise ACAGCCTTCCAAGGGGA-GCGGTGGAGGAAAAAGACATATCTGGCTTTTAAACTAAGCTTGATAAGTTTGTGGAGGGTA 50112
    
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Majority      ---TTC TATTGTGATGAGAATCTTGTGTG-CAGTCTCCCT-----TCCTGTTCCCCCAA-----CC-C
              55130   55140   55150   55160   55170   55180   55190   55200
Human         GTGTAATATTTTGATAAGAAGTTTTATTA-AAATCTAGGTTTGCAAGCCAACACTGCTCCATGAATTATAAGAAAAATA 54713
Kakapo        ---TGCTGTTCTCACAGGGATTTTTATT-----TATTCCCCTAA----- 23762
GoldenEagle   ---TTACATAGCATTGAGAATGCTTGTGCCAGTCCCCCCCCATCCTGTCTGTCCCCCCCATCCTGTCTGCCCCCCC 27504
JapaneseQuail ---CACTATTGC--CAAAGGTCCTTGAG-----TGGCTGCCA----- 22413
MediumGroundFinch ---TTCCATAGCACTGAGAATGCTTGTGCCAGTCCCCC-----ATCCTGTCCCTCCCA-----CC-C 10694
GoodesThornscrubTortoise --TGGTATGATG--GGGTAGCCTAATTTTGGCAATTAATTGATCTTTGACTATTAGCGGTAAGTATGCCCAATGGCCTG 50187
    
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Majority      T--CTGGTTTTTGATTGCCATAT-GTTCCTTAGTGCTTAAATCTGTATTTTT-TTTGTGT-TATTG-TATTAATATTTATC
              55210   55220   55230   55240   55250   55260   55270   55280
Human         TATGAAGTCATTA AAAATGAAATCATAAAGAAATGTATGAAGTAATTTGTTACTGATGTGAGAGAACATGATTGTTAAGC 54793
Kakapo        T--ATGGATATTGTAAGCATTAT-GTTCCTCAGTCCTT--CTTTGTATTTG-TTAAAA-----G-TGTTAACAGCAAGA 23829
GoldenEagle   C--CTTTTTCTGATTGCCATAC-ATTCCTTAGTGCATTTCTGTATCTT-TTTGTGTATATTG-TTTTAATATATATA 27579
JapaneseQuail -----TGTT--TTGTCTTGT-GTTCCTTAGTGTGTTACCCTGTATATT-TTCGTGT-----G-TATTAATTTCCATA 22475
MediumGroundFinch C--CTGTTTTCTGATTGCCATAT-GTTCCTTTGTGCCTAATCTGTATTTTT-TTTGTAT-TACTG-TAATA-TATTTATC 10767
GoodesThornscrubTortoise @GATGGGATGTTAAATGGGGTGG-GATCTGAGTTACTACAGAAATCTTTT-CCTATGTGTCTGGCTGATGAGTCTTACC 50265
    
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Majority      TATTTTTTCACGGAAATG--TT-TTAGCCTTTTCAGTCTCAATATGGCTATTTTTTCCAGTAAGTATAAAAAGTTTCAA
              55290   55300   55310   55320   55330   55340   55350   55360
Human         CATAAAAGGAAGATAGAGAACAATGAATAGTATTAATAAAAAGTATGAATAGTATTGAATAAAAATATGAATAGTATTGA 54873
Kakapo        GGTTT-----GAATTG--GA-TCAGGCTTTTCAGGCTCGGTGGAAGCCAGATTTACCTGATGGAATAGCTCCTTGCCA 23899
GoldenEagle   TACTTTTTCACTTAAACA--TT-TTAGCATAGGCAGTCTCTATATAGCTCTTTTTCCACAGTAAG--AAAAAGTTTAAA 27654
JapaneseQuail TATTT-----A-----TCTACTTTTTATCTTCTGAAACTGGATGTTTATCCCCGAATCTCCACATGTGTGAA 22538
MediumGroundFinch TGCTTTTTTACAAAAATG--TT-TTTGCCAGGCACTGTCTACATAGCT-TTTTTTACAGTAAGTAAAAAAGTTACAA 10843
GoodesThornscrubTortoise @CATGCTCAGGGTTTAG--CTGATAGCCATATTTGGGGTCAGGAAGGAATTTTCTCCAGGGCAGATTGGCAGAGGCC 50343
    
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Majority	ATAAAGT-GTAGTTTAGGT---TAGCATTTTTTAAAAAGTAAAATTGTGTTAGAGGCTTGTCTATGTGAA-----CTA	
	55370 55380 55390 55400 55410 55420 55430 55440	
Human	AAAAAT-ACAGACTAAGT---ATAATATTTATATATATATGCTTGTAGATGTAGCTAGTATCTCTGGAAGGATATCGA	54948
Kakapo	ATAATCTTACAGTTTAGG----AGCAATTCCTCAGTAGTAGTAGT-TCTTACAGAATCAGCTACGT-----TG	23962
GoldenEagle	TAATAGCAGAAGCTTAGTT---TAAGATAGTTTAAAAAATAAAATGTGTGAGAGACTTGTATACGTGAG-----TTA	27724
JapaneseQuail	ACCAAGCCATAGTCTTGATATGTGGCAGCAGAGAAAAGAAAATGTGTCTTACTGCATTTCATCTCT-----CCT	22608
MediumGroundFinch	GTACAGT-GTAGTTGAGGT---TAAGACTGTGTAAAAAATAAAATGTGTGAGAGGCTTGTGTATGTGAA-----CTA	10912
GoodesThornscrubTortoise	GGGGGGCGGGGGTTGCCCTCCTCGCAGCATGGGGCATGGGTCACT-TGCTGGAGGATTCTCTGCCCTTGAAGTCTTTA	50422

Majority	AGCTAAAGCTGTTAGATGCTGGTTAGGCA--AAGACTTATATATTTA----A--GTGGATTAAAGTTTTTCTTTTCAC	
	55450 55460 55470 55480 55490 55500 55510 55520	
Human	AGATAATACTGTGAGGGGTGGTAGGGGAAAATAGACTGGGTGACAGAGTTGCAGGGGAATTTTAAATCTTAAATACCAC	55028
Kakapo	GGAAAGACCTTTAAGATCAT--CAAGTCC--AACCTTTAC--CC-CA-----GGACTGAGGTTTCCCCCTTCAT	24024
GoldenEagle	AGGTAAAGCTGTTAACTGCT--CTAGGAA--AAGACATATATATATATAAAAATAGTACAACAAAATATTTCTCATAAA	27799
JapaneseQuail	AGCAGTATCTGTTGGATACTTACTACCCCTCAATTCTGATCAATTTA----A--AAGGTGTAAGGTTTTTGTGTGT---	22678
MediumGroundFinch	AGTTAAAGCTCTTAGTTGCTGTTTAGGAA--AAGATACACATATTTA-----GTACATCAAATGCTTCTTTTAAG	10981
GoodesThornscrubTortoise	AATATGATTTGAGGACTTCAGTGGCTCAGACATGGGTTAGGGGTTGTTATGGGAGTGGGTGGATGAGATTATTTG-GC	50501

Majority	CT--TTCCTTAAACTTATTGCAGCAAAAGTTGAAAA-----ACTGTGT--GAAGTGTA-GATATTA-TTGCAATGT	
	55530 55540 55550 55560 55570 55580 55590 55600	
Human	TTTATATACC-ATGATCATGGATTCTATTTTAGAAAACAT-TTTATATTT--GAAGCAGATGTAGTGTTTTCTAAGT	55104
Kakapo	C---ATCCC---CTCGAGGCAATGAAAGTTCAAGA-----ACTGTGT--GAAATGCA-AATGATA-----	24075
GoldenEagle	TTTGTCTTTAAACTTACTGCAGCAAAAGTTGAAAA-----ACTGT---AAATGTA-GATATTACATAGCAATGT	27866
JapaneseQuail	----TTTCTAGAACAATAGAAAAAGTCTTAGAAA-----ATCTTCC--GTGGTATA-AGAACCT-----G-	22733
MediumGroundFinch	C---TTCTTTAAACTTACTGCAGCAAAAGTTGAAAA-----ACTGTG---AAATGCC-AGTATTA-GTAGCAATGC	11045
GoodesThornscrubTortoise	GTGATTGTGCAGGAGGTTGGACTAGACGTTTATAATGGTCTCTGCTGTCTTAAAGTCTATGATTCTATTATATGTATT	50581

Majority	TA--ATAGATTCA-AAATCAATT--ATATTGATGTAATACAATAATTATTGTTT-T-AAAGAAACATTA----A-CTTTG	
	55610 55620 55630 55640 55650 55660 55670 55680	
Human	TGTGGTAGTCTATGCTTGTATTATAGATAAATACAGTAAGAACATGTTCACTAATGAAGAAGATAAATATTGCAATGAGC	55184
Kakapo	-----AAACCAGTT---ATTTCAGGTAATACAATAATTATT-----AAAGGAACATTT-----CTTTG	24124
GoldenEagle	TA--ATAGATGGA-AAACCAATT---TATTTCAGGTAATACAATAATTATT-----AAAGGAACATTT-----CTTTG	27927
JapaneseQuail	-----G-AAAGCAGAA--ACACTGAACTAGAACAGGAAGTTTAGCTG-T-TAGGAAAAGATG-----	22785
MediumGroundFinch	TA--ATAGATGCA-AAATCAATTGGGTAATACAGTAATTCATAAATATTGTGT-T-AAATAATTATTAGAGAAACATTT	11120
GoodesThornscrubTortoise	A--ATAGAATCACTTATTAATCATATATTGGTTTAAATATGAGCACAATTTTTT-CCAAACAAACAATAAA--ACTTAAC	50656

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Majority	CAAATACA-TATATATGAGTAATTATATA-CTGGCTAGAGATTCTTTTATTAG-----TAACA--CTGGGATTACCT	
	55690 55700 55710 55720 55730 55740 55750 55760	
Human	TACTTAAAAATATTTAAATACATTTAAACATTTGAATAGATACTGCCTATAAAACTAATTTTACCAATTTACAATTATTT	55264
Kakapo	CAAATACA-TATATTGGAGTGATTCTAT--CTGGCTAGGGATGCTTTTATTAG-----TAACA--CTGGGATTACCT	24191
GoldenEagle	CAAATACA-TATATGTGAGTGATTGTATA-CTGGCCAGTGATACTTTTACTAG-----TAACA--TAGGGATTACCT	27995
JapaneseQuail	TAAAAGAG-TG-GTAGTAGTAATT-TGCG-ATGGACAGATCTTTTCTTTTCC-----TTTC---CTATCACTTCCA	22850
MediumGroundFinch	AATATACA-TATATGTGAGTAATTATATA-CTGGCCAGTGATACCTTTACTAG-----AAATG--CTGGGATTACCT	11188
GoodesThornscrubTortoise	AGTTGTG-AAAACATCCACTATTACTCT-CCTGTTTTAAGCTCTTTAATTAGAGCTTATTTAGTC--ATGAGATTGT	50732

Majority	GAAGCCTAATCCAAATAAAATCTTTAGTTTAATAAAAACCT----CAAATCTTGGACATTATGCTGTGGAA---AAGTTA	
	55770 55780 55790 55800 55810 55820 55830 55840	
Human	TTTCAATAATAGTATCAAGATGTCTACTAAAATAATCTAT----CACATTTCAAATGTTGAGTTTTAATTAGTAAGTCA	55340
Kakapo	AAAGCCTAATCCAAATACAAGCTGTAGTTGAACAAAACCCCTCAAATCTCTGGACCTTATGCTGTGGAA---AAGTTA	24268
GoldenEagle	AAGCCTAATCCAAATACAAGCTTTAGTTTAAAAAAA-----TTCTTGGACATTATGCTGTGGAA---AAATTA	28062
JapaneseQuail	GTAGTGAAAACACAGGAAATTACTGTGTTTACTAAAAATGGG---AACTATTTGTAGCTTTGGCCAGAGAACTGGAGTTT	22927
MediumGroundFinch	GAAGCCTAATTTAAATAAGAAGCTTTAGTGTAACAAAAGT----AAATCTCTGGACATTGTACTGTGGAA---ACGTTA	11260
GoodesThornscrubTortoise	CTGGGAAGTACAGAAAAATAGTTCTTTAATAAGAACCCTGA--CATTCAATGAAAAATAACACTGATGTG---GCTTTC	50807

Majority	ATTTGTCAAA---AT-TATATGTTGAAAAGCATAACGAAAGATTAACCT-GTTCTGTAAATATAGATCTGAGC-ATCATGG	
	55850 55860 55870 55880 55890 55900 55910 55920	
Human	TTTTGACTAATACATAAAATTTATAGATAAAATTAAGTAGCATTAAATGATTGTTTATAGATATATATCTGGACTCTCAAGC	55420
Kakapo	ATCTGTCAAA---AT-GATATGTTGAAAACCACACAAAAGATAATACA-GCTCCGTAA-----GAACTGATC--TCATGG	24336
GoldenEagle	ATAGGTCAAA---AT-TGTATGTTGAAAACCACACAAAAGTCAAAACA-GCTCTGTAA-----GATCTGAGCATTCGTGG	28132
JapaneseQuail	GCCTGTTTGG---ATAGAAATGTTGGGATGTTTGTGAAATATGTTACTTGGTCTGGCTGTTTGGATCCAGAA--TTGAAA	23002
MediumGroundFinch	ATATGTTAAA---AT-TGTTTGTGAAAAGCACACAAAAGACGAAACA-GTTCTGTCCATACTGATCTGAGCCATCATGG	11335
GoodesThornscrubTortoise	TTAAACACA---AATAAAATGTGAAAATTCATATGTAGATGTACAGT-GTTTTAGAAACCTAAAAGGGCCTGATACATG	50883

Majority	TATATACTTTTCTGGTGATGTAATA-----AAAACAGAAATTTCTTATCTGTTTCAGAGAATTTTTTAGTTTAAATGCT	
	55930 55940 55950 55960 55970 55980 55990 56000	
Human	CGTGTGATCTG-TGGTTATATAATATTTTAGTAAAATGACTTTTCTTGTATTATCTCCTGAGTGTCTTAATCTTTTGTGTA	55499
Kakapo	TACATACTTTTCTGGTGACGTAGTA-----AAAACAGAGGTTTCTTACCAGTTTCAGAGAATCTTTTAGTTTAAAGCCT	24410
GoldenEagle	TATATACTTTTCTGGTGATGTAATA-----AAAACAGAAATTTCTTACCAGTTTCAGAAAATCTTTTAGTTTAAAGCT	28206
JapaneseQuail	CATGGATATCTTGGCT-TCTAAA-----ATGAATTGATTCCATCTCTGTTTTTAAACATGACTGAGTTGTCATGGT	23075
MediumGroundFinch	TGAATATTTTCTGGTGATGTA-----AAAAAGAGGCTTCTT---AATTCAGAAAATCTTTTAGTTTAAAAACT	11404
GoodesThornscrubTortoise	ATCAACTCCATTTGGAATTAGAAA-----AATACGTAATCTTTGAGTTGATACAGCCATGTATTCCACTTAAATGTG	50957

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Majority	T----TTTCTCTTTCTCATTCTGATTGTTAATTTTTCATATTTAAA-T--TTGAAGTTTGTC----ATGAATTTAAATT	
	56010 56020 56030 56040 56050 56060 56070 56080	
Human	T----TCTCTTTTCATTAACCTGTTGATATAGATTTTTCAAACTGTAA--A-CCTATGTATAGGTATTTGTGGTATTTGTC	55572
Kakapo	TGATTTTTCACCTTTCTCATTCTCATTTGTTAACGTTTCATATTTAGCTT--TTGAAACCTGT-----ATGAATTCAGGTT	24483
GoldenEagle	TTAT-TTTTGCTTTCTCATTCTCATTTGTTAATGTTTCATATTTAATTT--TTGAAATTTGTA----ATGAATTCAAATT	28279
JapaneseQuail	G----TA-GGCAAACCTGAGTTAAGAGCTTAAATCTTAAATTTTAA-----CTTAGGTATAACC----TTAGTATAACTT	23140
MediumGroundFinch	T----TTTCTCGTTTTTCATTCTGATTGGTAATGTTTCATATTT----T--TTGAAACTTT-----ATGAATTTGAAATT	11468
GoodesThornscrubTortoise	@G---CACCTTAGCACATCTGAGCTGGAGAATTTGCCTAGCCGTAAGTTAGAGGAGCGGCGCTCGTGTCTTGTGTATC	51034

Majority	ATTGATAAAGCT----TAAGTATGATA-GGCATTGGAT--ATCTGTGTTTCAGTATCACTATAAATTTCTTTTATTCT---T	
	56090 56100 56110 56120 56130 56140 56150 56160	
Human	ATTGTTATATTT----T-AGAACTATTTGCCTTTGTATGTTTTTTGACCACAGATAAGGTAGAAAGAAATTATTTCCCTTA	55647
Kakapo	ATTTAGAAAGCT----GAAGTATGACA-GGCATTGGAA--ATCTAGTTCAGTATCACTGTAACCTCTTTTGTCT---T	24552
GoldenEagle	ATTTAGAAAGCT----TAAGTATGAAA-GGCATTGGAA--ATCTGGTTTCAGGATCACTGTAATACTTCCATTCT---T	28348
JapaneseQuail	ACTGTTCTCAAT----TTAGTCACATA-TGAGTGAAAT--ATTTTTATGCAA-GTGATCAGATTAGGTCTAAATA---A	23208
MediumGroundFinch	ATTCAGAAAACCT----GAAGTATGAAG-GGCATTGGAC--ATGTAGTCTCAGTATCGCCATAAATTTCTTTTATCCT---T	11537
GoodesThornscrubTortoise	@TAGCTGTCTGCTCCTGGCTGTATGAGCGGCATCACCCC--ATCCTCCCTCAGTTCCTTCTTACTGCTCATGGCCTGAGT	51112

Majority	TGCAAGTTTGTTTG-----TAATGTGATATCTGTAATAC--ATTGTTGAAGCCTGTT---GTACTTTACAATGTAT---T	
	56170 56180 56190 56200 56210 56220 56230 56240	
Human	TCATAGACTGTCATCATAATAACAGGAAAGGGATAATAGTAATAAAGGCAGTCTTTTGGAGCATTTAACATAATATTTGA	55727
Kakapo	TGCAAGTTTGTTTG-----TAATGTGTTGCCTCTAATAC--ATTGTTAA-GCCTGAC---AACTTTGCAATGTAT----	24617
GoldenEagle	TGCAAGTTTGTTTG-----AAATGTGCTATTTGTAATAC--ATTTTTGAAGCCTGTC---ATACTTTACAATGTTT----	28414
JapaneseQuail	TTTACCTGGACATA-----AAATCTG--AGCTGTATTCT--GCAGTTACAGCTGAGTG--ATAATTGAAAATTTCT---T	23274
MediumGroundFinch	TGCAAGTTTGTTTT-----TAACATG---TTTGTAATGC--ATTGTCCA-GCCTATT---GTACTTTGCCTTGTTTCTTC	11603
GoodesThornscrubTortoise	@GTCGCTGTGTGTGGTTCCCTAACTTCACAACCTCTCTCT--TTCTTAGTGACCTCTCTA-GGAGTATATAGTTAATTAGT	51189

Majority	TCTTCTGGTTTTTTT-TTAATTTTGTAGAGATTTAATTTGAGAAGCTAGGTAA----GGCTGTT-GTGTGATGAGCTTCA--	
	56250 56260 56270 56280 56290 56300 56310 56320	
Human	TTGACAGATTTCTACAAATACTGTGTTTATTCAATTTTATGGGTATATTTTTCGCATTTTAAAATCTCAGAAATTTGA	55807
Kakapo	TCTTCTAGTTTTTTT---G-----GCAGAGATTTAAATTTGAGAAGCTAGGGAA----GACTGTT-GTGTGATGAGCCTCA--	24682
GoldenEagle	TCTTCTAGTGTTTTT-----GTAGAGATTTGAATTTGAGATCTAGGGAA----GACTATT-GTGTAAATGAGCTTCA--	28478
JapaneseQuail	TATTCCC-TTCTCTCTGGAATCACAGCCATTGGCTTTCCCTATGAAGGTGA----GGCTTTT-GGAGGATTTAATACA--	23346
MediumGroundFinch	TCTTCGGTTTTTTTTTTTATTTTGTAGAGATTTAATTTGAGAAGCTAGAGAA----GGCTGTT-GTGTGATGAGCTTCA--	11676
GoodesThornscrubTortoise	@CCCTTGGTATAGTGTAGTTTTAGTTAGCTTTAGTTTAAAGTACTGTATAT---ACTTGTTCATAAGCTGGATTTTTTTT	51265

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Majority      GGTGAAAAATAAAAGTATTTTTTTC-TATATCGTTTGGCTATCTGTCACTTTGAGGATAAAAGTGGTAT-----TA
              56330      56340      56350      56360      56370      56380      56390      56400
Human         TGTGTCCTGCAATAGTCTATCTTCCATAGTTCAATTGGCAACATCTTATTAGTCATACATAAAACAATAG-----TGCA 55881
Kakapo        GGTGAAAAAGAAAAGGATGTTTT-----CTGT--CTTTGAGGATTAAGTGCTC-----TA 24730
GoldenEagle   GGTGAAAAATAAAAGTACTTTTT---CATAAACTTTGGCTGTCTGTCACTTTGAGGATAAAAGTGGTA-----TA 28544
JapaneseQuail AATTCTCACTATTGATTTTTTATTTTTT---TTTATTTTTTTTCCCTCTTCTCTTATTTCTTCT-----GA 23412
MediumGroundFinch GGTGAAAAGTGAAAGTACTTTTTTCCCACAAAGTTGGCTCTCTGTCTCTTTGAG-ATAGTGTATAA-----TA 11745
GoodesThornscrubTortoise AGTAAAAAAGGAAAGCATCAGAGAAGGGGGTTCGGCTTGTGAACGGCTATAGAGAGGGAGAAGTGGGACACAGCCCTCTG 51345
    
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Majority      TTTTGTAAATTT----TGAATAGGTGAAGTCTGGCTGCTTGAAGCTCA--GTCTCACCATGTTTTCCAAACTGG-TACGG
              56410      56420      56430      56440      56450      56460      56470      56480
Human         TTTTATAATTAATGGTGTATTTGATACCATAAAATGTATGGGAAATATTCTTCATATATATCTTGAAGTTTACCTGAGA 55961
Kakapo        TTGTGTAATTT----TG-----CTACTTGAAGCCCACAGTCTCACCATGTTTACCAAAGGGA-TAGAG 24789
GoldenEagle   TTATGCAACTT----TGAACAGGTGAAATCTGGTTACCTGGAAGCCCA--GTCTCGCCACGTTTTCCAAAATGA-TACAG 28617
JapaneseQuail TTTTTTAGTTAG---TAAATAAAGTTAGTC---CTGTTAATAAATTTA---T-TTTTAATCCTCATCAACC----CATGA 23478
MediumGroundFinch ATGTATAATTT----TGAGCAAGTGAAACCTGGCTGCCTGGAAGCTCA--ATCTCACCATGTTTGCCAAAATGG-TACGG 11818
GoodesThornscrubTortoise TCCCCAATAGGAG-CAAGGAGAGGCAGCACAGCCAGAAGGGAAGCAGCGAGGCCAGAATCTCTCCCCTTCTGGCCACGC 51424
    
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Majority      -GTTAGAGCCCTGTGTATACGTTACAG-TGGACTTCAGATCCTAG--TTCAGTGTGTGGTTTTGAATTTTTAGTCTTCT
              56490      56500      56510      56520      56530      56540      56550      56560
Human         ATTTTGTGGTTTTGGACTAGACTACACGTTGGTTTTCTATTCTAAAAATTTTGGTGTGAGAAGTTAAGTGTAGTATGAAA 56041
Kakapo        -GTTAGAGCCCTGGGTAGAC-TGACAG-TGGACTTCAGATCCTAC--TTCACACTGTGGTTTTGACATTT--TCTTCT 24861
GoldenEagle   -GTTAGAGCCCTGTGTAGACGTAAGGA-TGGACTTCAGATACTAG--TTCAGTGTGTATTTTTGAAGTTTTAGTCATCT 28692
JapaneseQuail -ATTTGAACCCTAATAATAAGATATAT-ATTTCTTCTAGTCACAG--GACTGTTTTAGTTTT---TTTTAGAAGAGT 23549
MediumGroundFinch -GTTAGAGTCTGTGTAGAC-----TTCAGATCCTAG--GTCAGTGTGTATTTT--AAATTTTACTCTTCT 11879
GoodesThornscrubTortoise @GCTCTTCCCCTGAGTGTCTGAAGCAGCTGCAGCTCCGGGGCTGG--CTTAGGCTGTGGCCACGTCTCCTGGCCTGGCC 51501
    
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Majority      GTGTTCCACCAGAATTTGTCTTTCTGTGCAGCAGACCAAAATAAAATACGTACTATTGCATGGATTT--CCACTTCTAGC
              56570      56580      56590      56600      56610      56620      56630      56640
Human         ATGTATTTTCTGAATGTTCCATTTTTAAGATTGTATTAGAA-ATAATAAGCTTTATGGGAGTTCTTTTGGATAAATCAGT 56120
Kakapo        GTGTTCCATCACAATTTGTCTTCTGTGCAGCAGACCAACATAAAATACATACTCTTGCATGGATTTGACCCCTTCTAGC 24941
GoldenEagle   GTGTTCCACCAAAATTTGTCTTCTGTGCAGCAGACCAAAATAAAATACATACTATTGCATAGATTCAACCACTTCTAGC 28772
JapaneseQuail AAGTAGTTGTTGAGTGTATTTTCCAAAGATGAAATGAAAGATTGAATA--TATCACTGCATATTTT-----ATGGCCAGA 23622
MediumGroundFinch GTGTTCCACCAAAATTTGTCTTTCTGTGCAGCAGACCAAAATAAAACACCTACTATTGCATGGAT-----TCTAGC 11950
GoodesThornscrubTortoise @GGCTCAGCCCGGCTGTGCTGCCAGCCTGCCAGAGCAGTCCAAGCA-GGCCAGAGACATCCTTCCC-TGGCCCATCCC 51579
    
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Majority      AATTGTC A--GTTGGGAGTTACTGCTAGCTGGATTTTGACCGGTCCTGATGTGTTTAGGTTTTTGTTCGTT--TTGCTGCT
              56650   56660   56670   56680   56690   56700   56710   56720
Human         AACCCCTTGTGAGATTTACAACGTACCTGTTTTATGGAGTGATTA--TGTTAAAGTTGTATTCTCTAAATTTCTGTT 56198
Kakapo        AATTGGCA--GTTGGAGGTAACGCTAGCTGGATTTTGACCCTTTCCCATGTAGTTAGGTTTGGGTTGTT--TTGGCTGCC 25017
GoldenEagle   AATTGTC A--GTTGG-AGATGCTGCTAGCTGAATTTTGACCAGTCTCTGATGTCATTAGGTTTTTGTGTTGTT--TTGCTGCT 28847
JapaneseQuail AATACAA--AAAAGGAAGTCTTAAT-GCTTGTTTTCGTCATATCCAAATGTGTTCTGATTTTCAACATTAATTCATTAGT 23699
MediumGroundFinch AATTGTC A--GTTGGGAGATACTGCTAGCTGAATTTTAACCAGTCTTGA-ATGTTGAGGTTTTTATAGTT--TTGCCTGCT 12025
GoodesThornscrubTortoise AGCTAAG--GTGGGAAGGAATGGGATGGGGAGAATGTGGGGTCTCTGG---GCTAGGGGTGGGGTCATT--TTGGGGGGT 51652
    
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Majority      GTAGTAAGTTGGTAAAAGACTTTAGAATGTGTTCTTTCAGTGTAAGGACTTTTTTAAAAAG----T---T-TCTCAGTCC--T
              56730   56740   56750   56760   56770   56780   56790   56800
Human         TAAACATTTTCTGATGGTACATGTATTTATAAAACTACATCTTGTTCCTTTTGAGAATAAATTACATATCATACTTTGC 56278
Kakapo        AATTGGAAGTTGG-AAAAGACTTAGAAAGTGTCTGCAGTGCAAGGACTTTTTTAAAAAG-----CTCAGTTC--T 25083
GoldenEagle   GTAGTAAGTTGG-AAAAGACTTACAAAGTGTCTGCAGTGTAAGAACTCTTTAAAAAG---CTCAGTCTTTCAGTCC--T 28921
JapaneseQuail GTCCTTGTCTCTTAAGACAGT-----TCTGTGCTTTAGCTTTTCAGTCCTTTATGTTA-----CTTCAGT----- 23758
MediumGroundFinch GTAGTAAGTTGG-AAAACACT---GTGTGTTCTTTCAGTGCAAGAACTTTTTTAAAAAG-----CTTAGTCA--T 12086
GoodesThornscrubTortoise GGTACAGGGCTTACTCCCCTGACCCCCAGCTCCCCCCCCCAAACCTTTCCACCAG---TT-GCTGTCCCAGCCCATC 51728
    
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Majority      GGATTTATTTTTT--TTGGGGGGGTGG-TAGTTTTTTTGCATGACCTGCCTTTAAGGCATACTGTT-TTT-AGCTAAGAG
              56810   56820   56830   56840   56850   56860   56870   56880
Human         ATGTTCAACATTGATCCCAAAGCCTGGATAATTTTTTTGAATGAAATACTAGTAGAATATTTGATTTATTAACAGGTAG 56358
Kakapo        GGAATCAATTTTT--TTGAGGGGGGAG-AGGAGTGAAGGGATGACCTGCCTCTAAGGCATACTGGT-TTT-AACTAAGAG 25158
GoldenEagle   GGATTTTTTTTATTACTTGGGGGGCAGG-TAGAGTTAAGGCATGACCTGCCTTTAAGGCATACTTTT-TTTTAGCGAAGAG 28999
JapaneseQuail -GACATATTTA-----TGGGCA-----A----- 23775
MediumGroundFinch GGAAATTTTTT-----TTGGAGG----- 12103
GoodesThornscrubTortoise AGGGTAAGCTGCTGGTGGGCTGGGTGA-CACTTTGTTTACTTAGGTTTACCTCCATGCTGCGGACACTTGAGGTAAACA 51807
    
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Majority      AA--TAGCTTGAGTTT-ACGTTTAGCTATATCTATTGCTGGATAGCTGAAGTAGA-GGTAGAACCATTCAAATTAGA---
              56890   56900   56910   56920   56930   56940   56950   56960
Human         TACCTGGCTCATGGCAGGTGCTTAAAAATATCTGTTGAGGGGCCATTTAATTTT--GTTTAATCTGTGTAAGTTCTAGGA 56436
Kakapo        AA--TAGCTGAATTT-ACATTTAGCTAAATCTAA---AGATAGCTGAAGCAGAAGGTAGAAACATTCAAATTAGA--- 25228
GoldenEagle   AA--TATCTGAATTTTAGGTTTAGCTAAATCTAAAGATGGATAGCTGAAGTGAAGGTAGAAACATTCAAATTAGAATG 29077
JapaneseQuail -----T-----AGTTTTATTACCATATAGCTGAAGTA--AGT-----A----- 23806
MediumGroundFinch -----AG-GTTGATGGTAGTGGTACAGGGT----- 12128
GoodesThornscrubTortoise AA--CTGGCTCGGCCTGCCAGAGGCTTATCCTGATGGCCAGGAGCCAAAGTT--TGCCAACCCTGAATTATAGGGTC 51882
    
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Majority      ----GGTTTAGCTGTTATAAAAAGAT-TACGTGATTTATGGAAATATTT--TATGATGTTTAGCT--ATCTTTTTTCCAT
              56970      56980      56990      57000      57010      57020      57030      57040
Human         ACAAAGTGAAC TAGTAGTGTAA CAGGTTGCAAAGTATGTGACAATAATGGGTATGTTTCTAAACTACATAATCTTAATTT 56516
Kakapo        ----GGTTTAGCTGTTAGAAAAAGCTAGAAGGGAGTGGTGGAAACAGTT--CCTAATGTATAGATGTATCCTTCTCCCAT 25302
GoldenEagle   AAGAGGTTTAGCTGTTAGAAAAAGATATACGTGAGTGTAGGAAACAGTT--CCTGATGTGTAGATTTATCCTTTTTTCCAT 29155
JapaneseQuail -----AGTATTTCTTAAACATATTT--TTCAAAGCAGA ACT---TCTTCCATCCAG 23851
MediumGroundFinch -----GTGGGT-ATGGAGTTACTA--CATGATGT--A----- 12155
GoodesThornscrubTortoise @GCTTATGAATAGGTCATAAAAAAAT-TTCAATTTTACTTATCCATCT--TAGGGGTTTCAGCT-----TATAAACAAA 51954
    
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Majority      CCGTCCCTTTAATGGATATATTCAGGATGTCTTTGTTTTTGAAAAAGT-AAA ACTT-----GTGTTTCC-CA-----G--
              57050      57060      57070      57080      57090      57100      57110      57120
Human         CCAGCGTGCTCAGGCAGTTCTTCAAGCTGTGACAGCTGTCCAGACAGCAAATACTCCTCTTAGTGGCACCACAGTTAGCG 56596
Kakapo        TAATTCCTTTAATGGAAGTATGGAGAATGACTTTATTCTTGAAAAAGT-AAGACAT-----ATGTTTACAGGTTTAGTC 25375
GoldenEagle   CACTTCCTTTAATGGAATATGGAGAATGACCTTATTCTTGAAAAAGT-AAAAAGT-----GGGTTT----- 29216
JapaneseQuail CTGTCTCTTTATTTCATATGTTCTGGCCTGAGTTCTTTTTTT---TGT-GAATTTT-----A----- 23903
MediumGroundFinch -----CCTCTAA--GACATAC-----TGTTTTT-----AA----- 12178
GoodesThornscrubTortoise @CGGCTTATGATTGAGTACATACGGCATTCTTTGGTGATGCCTTCGCCAAAACAC-----TGTCATCATGTGAGGGG 52028
    
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Majority      A-A---C-----TTGCTAATTGCTTTGAATAGTTAGTTAAATGTCATACCT-GGTTTGGCTTTTGTGATGTT
              57130      57140      57150      57160      57170      57180      57190      57200
Human         AGAGTGCAGTGACTCCAGCCCAGAGTCCAGTACTTAGAATAATTATTGACAACATGTACTACCCTGTAACACTTGATGTT 56676
Kakapo        AGAGACCCCGAGCTTGCCAATCTTCCTAATTGCCTTGAAAAGGTACTTAAATGTCATACCT-GGTTTGGCTTTTCATATC 25454
GoldenEagle   -----TTCCTAATAGCATTGAAAAGGTAGTTAAATGTCATACCT-GGTTTGGCTTTTCAAGTC 29273
JapaneseQuail -----TTGGAATTCTGTGCAAGGAATCTGGAA-----A-----ACATT 23937
MediumGroundFinch -----CTAAT-----AG----- 12185
GoodesThornscrubTortoise @CAAATCCCAACAACAGTCCCATGTACAGTACTTGCTGTGCTTAGTGGAAGCCACGTC AAGGATCGGTGTTTGTATTTT 52108
    
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Majority      CAAATC---TGTAGTGTGGATGTTCTTGA---CATGTAAAATTG--AGTCTATTTTCATTGTGTGTTTTTAAT--TTTGAT
              57210      57220      57230      57240      57250      57260      57270      57280
Human         CTTCAC-CAAGTAAGTTTAATCTGCATAATTACCTATAAATTAGAGAAATAATAATATAGTAAATAAGTAATGTTTTGAT 56755
Kakapo        CACATC---TGGAGTGTGGATGTTCTTGA---CTTGTA AAAATG--AGTCCATTTCTGTTGTGTGTTTTTAAT--CTAGAG 25524
GoldenEagle   CAAATC---TGGAGTGTGGATGTTCTTGA---CATGTAAAAAACAGTCCATTTTCATTCTGTGTTTTTAAT--CTTGAG 29345
JapaneseQuail CAAAAC---TGTCTCGTGGAGCTTTGTAC---GATATGA-----TTTTTT-----TATATTATTATT--TTTA-- 23992
MediumGroundFinch -----GA-----T-----ATT----- 12191
GoodesThornscrubTortoise @CAAATCATTACAAGGTGGACTCAGGTGA---CATGGGAGCTTT--GTCTAAAGCAGCACCTGCTCAAACA--GGCAGT 52180
    
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Majority      TAAGTTGGCTTGGCTTATACTAACTGAGTTA--AACTTGAATTC---T-A-----T-----T-----A-----TT
                57290      57300      57310      57320      57330      57340      57350      57360
Human         TTTAATGTTTTAACAGATATTTTCTAAGTTTGGTGCT-GTATTGAAGATAATCACATT----TACAAAAATAACCAGTT 56830
Kakapo        TAAGTTGGGTGGCTTAGACAAACGGAGTTAAGAACTTGAATTC---T-----T-----T-----T-----TT 25571
GoldenEagle   TAAGTTGGCTTGGTTTAGGCAAACACTGAGTTAAAAACTTGAATTCTGGATTATGACTTAGGCATACCCTTAGCAAACTTT 29425
JapaneseQuail -----TTTCCTTGTCTAGTAGAAATA---CTTG-----T-----T-----T-----T-----TT 24020
MediumGroundFinch -----TTGAAT-----T-----T-----T-----T-----T-----T-----T-----T 12198
GoodesThornscrubTortoise 6CAGCTTGCTTCGGAACCAATGACTGTGTTA--GATCAGAGGTTGCTCTCAGGTTCTGAGAGTTTTATCACTTCCTGGTC 52258
    
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Majority      TTGTGCTTAAGTCCGTC--ATAAATGAATGCATTCTTTTAA--TGCATGTAGCGAGA--TTAGGTTGAGATGGT-TTTT
                57370      57380      57390      57400      57410      57420      57430      57440
Human         TCAAGCTTTGCTCCAGTATGGTGATCCAGTAAATGCTCAACAAGCAAACACTAGTAAGTCTTTCTTTTGAGATGGTGATTT 56910
Kakapo        CTATACTCAAGTCAGTC--AGAAATGAATGCAGTATTTTAA--CACAGGGAACGAGA--TTAGGTAGAAATGAC-TTTT 25643
GoldenEagle   CTGTGCTCAAGTCCGTC--ATAAATGAATGCAATGTTTTAA--TGCAGGGAATCAGA--TTAGGTGTAATGG--TTTT 29496
JapaneseQuail TTGCTCTCCCTCCCTG--TTAACTGCATG-GTCTTTCTTA--TGGATAAGCCCA-----TGGTTCATCATGGT-TCTT 24088
MediumGroundFinch TTATATT-----T-----T-----T-----T-----T-----T-----T-----T 12210
GoodesThornscrubTortoise 6GGAGCTGGTACCTTTCCAAAGAGATGGAGGAGTCCCTCCCCATTGAGTGTGGCGAGG--AAAAGGTCACATGAG-ACTG 52335
    
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Majority      CTTGGCATTAAATTCAG---AGTGGAAATCTGTATTTACATCTGAGT-ATAATTGAGGACTTCTTGATTCTCTTCACTCT
                57450      57460      57470      57480      57490      57500      57510      57520
Human         TTTTTTATTGAAAT-GTATATGTAGAAAAATATATATATATATGTATGT-ATACTTAATGATATCTGTAGCATTACAGATA 56988
Kakapo        CCTGGCACCAATTCAG---AACGACATCTGTAGTTATAGCTGAGTGAGAACTGAAGACTTCTTCATTCACTTCTCTCT 25719
GoldenEagle   CCTGGCACAAATTCAG---AATTATATTCTGTGGTTACAGCTGAGTGATAATTGAGGACTTATTTATTCTCTTCCCTGT 29572
JapaneseQuail CTTAGCATTAGT-----GACTTCTGTATTTGCATC-----AATAAA-----TTTTCTT----- 24131
MediumGroundFinch -----A-----AAT-----T-----T-----T-----T-----T-----T-----T 12214
GoodesThornscrubTortoise 6ATTAAGGTTGCTCCAGGTTGAGTGGGGTCTTGTCTTTCCAAA-GAGACGCAGCCTGGTACAGTGTGAATCCTGGCATGCA 52414
    
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Majority      GGAAA--CAGCCATTAGCTTTCTTAT-A---A-C--T---G--GACTTAAACACCTGTACTT-CTTCCTATTGATTCC
                57530      57540      57550      57560      57570      57580      57590      57600
Human         GTAGA---AATTGATGGCATTAAATATTAAGA-AACCTTAATATTTGTCATAAAAAGAAATATTTATTTTATAGGAAAATCA 57063
Kakapo        GCAAATTCAGCCATCAACTTCTTACAA-----G--GATTTAACACCCGTAATGCTTCCTATTGATTTC 25783
GoldenEagle   GGAAATCACAGCCATCAGCTTTCTTATGAAGACAACGCTTTTGGAGGACTAAACATACAGAAATGCTTCCTATTGATTCC 29652
JapaneseQuail -----TTAACTTTTAA-----CTTTGTGCCTG-GCG--CT---AGTAGTAT- 24167
MediumGroundFinch -----CTAA-----T-----T-----T-----T-----T-----T-----T-----T 12218
GoodesThornscrubTortoise 6GAAAGTGCAGGATCTGTCAACCACACCCTAGTACCATTAGGGAGGATGGAGATCCTGTACTG--TTGACCCTGGTTCC 52492
    
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Majority      TCCCCTCCTC---C-----TTT-T-TGTTTCTACTTTTTTATTTAGTATATAAATAGTAGTCCTG--TTC-GTAG
              57610   57620   57630   57640   57650   57660   57670   57680
Human         TAGTTGTAGTTAACCATGATGTGGGTTTCTATTATTTTACTTTTTTTTTTTTTTTAATTTAAGGACAAAAGTTTGTAC 57143
Kakapo        TCCCCTTCCCC---C-----TTTGT-TGTTTCTGCTTTTTTAGTGAGTAAATCAAAGTAGTCCTG--TACTATTT 25848
GoldenEagle   TCCCCCCCCCCCCCCCCCCCCCTTTAT-TGTTTCTACTTTTTTAGTGAGTAAACAAAAGTAGTCTTG--TTC-ATAA 29728
JapaneseQuail -----T-TGTAGTTACTTTATT-----CC-GTTG 24189
MediumGroundFinch -----ACTTTTT----- 12226
GoodesThornscrubTortoise@ACCCTGCTTCTTGATCGCAGACGT--T-CCACTCTACATCTTGCTCTAAGATGAAATCACTGGCCA--GGCACCAG 52566
    
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Majority      TTTTCTTTTTTATTAATCCTCTTTGGTATAAGCCCTCAAGCCAGGATTTGAACCTCTGATAAT-----TTTTCTT
              57690   57700   57710   57720   57730   57740   57750   57760
Human         TCTTAAGAAAAAGCAGGACTATATTGTGAATGTGCACCAGCATAAGATTTGAAGT--GGCTTTTGCTGGGAATTTCAA 57221
Kakapo        CTTTCTTTCTTTATTAATCCTCTTTGGTAGAAGCTCTCAACCCAGAATTTGAACCTAATAATGACAAATCTTTTCTC 25928
GoldenEagle   TTTTTTTTTTTTTAAATCCTCTTTGGTATAAGCCTTCAACCCATGGATTTGCACCTAATAAT-----TTTCTA 29799
JapaneseQuail CTGTCTGTTTCCATT-----CAAGATAAAAAC---AAAGCAAAAACAGAACTA-G-----TTTACCT 24243
MediumGroundFinch -----TTTGGTAGAAGA----- 12238
GoodesThornscrubTortoise@GAACCTTTCCTTGAAGAGCATCCAAAGTTGCCATCAGTCTGGAGTAGCA-TCTGTACAGTTAACCATTTTATCT 52645
    
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Majority      CTAGTCACAGTTGGTGTG--TTTTTTTGAA-T--TATACAGTTGTTGTTCTATTGTTCTAAGATGTAATCAGATGTTTT
              57770   57780   57790   57800   57810   57820   57830   57840
Human         GTAATTAGTTTTCAAAGAGTTGGCTGAAA----TATACAGATGGCTCAAATGCTATGATAGGCTCTCAGTTTATTT 57297
Kakapo        CTAGTCACAGTTGGTGTGGTGTGTTTGGAAATA-TATGGAGCTATTTGAGTGCTCTTCTAACCTGTAATCAGAGGTTGA 26007
GoldenEagle   CTAGTCACAATTTGTGTG--TTTTTTTGAAATA-CAGATAGCTGTTGAACGTCTTCTAACATGAAATCAGAAGTTGA 29876
JapaneseQuail CTAACCTAC-----TTTACAGTTCTTATGCAATCGTCTGAGTCTTAATTAG----TA- 24291
MediumGroundFinch ----- 12238
GoodesThornscrubTortoise@CATCCCCAGATGATCCATGTGCCTGGCTCTTCCACTCCTTTGGTATTTGAGTATTTCAAGGCATACCAGGATCTTTT 52725
    
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Majority      GTAGCTCATACTGCCTTTCATGTTTTTTAGCCAGAAGTGGTATAAAA-GGAAGTCTTATCACTTGTTTCAC---TTATA
              57850   57860   57870   57880   57890   57900   57910   57920
Human         AAAACT-ATATATCTCTTTAATGTCTTTTTTTAAAGGTTTTATGAATAGGTTTCTAGTCACTTTTTATTCA--TATCA 57374
Kakapo        GTAGCTCATGCACTGGCTTACATGTTTTATAGCCAGAAGTGGAAGGAG-GGAAGTCTTAACACTTGCTTCTC---TCATA 26083
GoldenEagle   ATAGCTCACACTGACTTGCATGTTTTATAGCCAGAAGTAGAACAAA-GGAAGTCTTAACACTTGCTTCGC---TTGTA 29952
JapaneseQuail ----TTCTTACACAGCTTTACATGATACGTCACAGAAATTGAGGTGGA-AAAAAATTGACTGTGCTTTTCATCT-TGATG 24365
MediumGroundFinch -----A-----AG-----GGAAGTCTTATCACTTGTTTCAC---TAATG 12269
GoodesThornscrubTortoise@CAGTTCATG-GCTGCTTCTCTGGGTATTCAGCAGAGTCTGCAGG-AGAATACCATAAATTTGTTGGATATGCTGCA 52803
    
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Majority	TCTAATTGCGTTCTGATTTCCAGC----ATTGATTAA---TTCATGAATATT---ATATCTTTCAACAGTGTGTGTTCTTT	
	57930 57940 57950 57960 57970 57980 57990 58000	
Human	TTTATCTTTTTTGTTCATTGTTACATATGGAGGATGTAAGGTCATTGAGAGATGTAATAATTTCCCATCAAGGCTGCCACTG	57454
Kakapo	TGTAATTGTGTTCTGATTTCCAGC----ATTGATTAAA--TTCATTAATATCCATCTATCTTGGGACAGTGTGTGTTCTTT	26157
GoldenEagle	TCTAAATGCATTCTGATTCCAGC----ATTGATTCA---TTAATATCCAT---AGAACTTATAACAGTGTGTGTTCTTT	30021
JapaneseQuail	AGGAAATGAGTTATCATAAACAGCT---GCTGGGGTA---TCCTTGAACAGT---CCATCTTCAA--GTATTGTAG---	24431
MediumGroundFinch	TCTAAGTGCATACTGATTTCCAGC----ACTGATTAA---TTCATTAATATT---ATATCTTATGACAGTGTGTGTTCTTT	12339
GoodesThornscrubTortois	6CTGTTTGCCCCGTTAGTCCCCCTCCCTATTAGCAATGA-CCTCTGAGTGCCTGCTAAGTTCTCTGAAGCAATCCAGGTC	52882

Majority	AGCTCTTGACTCTG-ATGTTTAC-TCCACTGATATATTTTTATTTCAG-TGT--TA-----TGTACTTTTT	
	58010 58020 58030 58040 58050 58060 58070 58080	
Human	AAACTGCGCACCACATCTTTGCTTCCA--AGTACCTTAATCTTCTGTTTGTATATCTTAAATCTACTTTTGTCTGTCT	57532
Kakapo	AGCTCTTGACTCTA-ATGTTTAT-TCCACTGACATATTTTTAGGCAG-----TGGTTGTA	26210
GoldenEagle	AGCTCTTGACTCTG-ATGTTTAC-TCTACTGACATATTTGTGGGCAGCAGTTGTATTACCTTTTAACCAAAGTAATTTTT	30099
JapaneseQuail	AATCATTAAGATTG-GAAAAGA--TCTA--GATGTAGTC-CAACCAT-----CACCACCA	24480
MediumGroundFinch	AGCTCTTGACTCTG-ATGTTTAC-TCCACTGACATGTTTTTAACCAA-AGT--T-----AATAGTTTTT	12398
GoodesThornscrubTortois	6GTACTGCTTATTG-CGAAGCACATGGAGAAATGCTACTTCAATCCAGTGCAGCAATTTGAGGGTTTTTATTTACATCCA	52961

Majority	TTTCTGGCCTTCTTTCCAAAGCAAGACTTCTTCCATCCAAGTGGCTAGTTC-----T-GCTTATTC---A-AAAAAGGAA	
	58090 58100 58110 58120 58130 58140 58150 58160	
Human	CTTTAACTTTTTGTGCCATAGTATCTCATTATTTACTATTCCATTATTAAGCCATTAATAATTC-----ATTATTAAG	57607
Kakapo	TTACTGGCCTTCTTTCCAAAGCAAGACTTCTTCCATCCAAGTGGCTAG-----GAA	26261
GoldenEagle	TTTCTGGCCTTCATTTCCAAAGCAAGACTTCTTCCATCCAGCTGGCTAGCTCTTTTATTGCATATTTCAAGAAAAAGGAA	30179
JapaneseQuail	TGCCCGTAAGCCATCTGTGCCG---CTTCTGTGCCACATCTGCCTTTTTT-----AT-GAA	24533
MediumGroundFinch	TT-CTGGCCTTCTTTCAAAGCAAGATTCTTCCATCCAAGTGGTTAGCT-----GCTTATTC---AGCAAAGGAA	12466
GoodesThornscrubTortois	6CCCCAGATTTCTGGTTGTAACCGCTGTGAACGACAGAGCCCGACAGAGCAGATGTAAGTCAACTCCCAAGGATAAGGA	53041

Majority	CTCCAGTTGGAATTTTGTGTATTTCTTTACAAGAATCTGGACAGTATTCTTAA---TA---ATACCTTTCTGGTGTTT	
	58170 58180 58190 58200 58210 58220 58230 58240	
Human	CCATTATTATGAAACCATTTAATAAGCTTACATTTATCTTAACTGGTTTTCTTCTTTCATTTCATTCTTTACTTTTCAGA	57687
Kakapo	CTCCAGCTGGAATTTTG-TC-----CAAGAATCTGGACAGCATTCTTAA---TA---ATACCTCTAAGGTGCTT	26324
GoldenEagle	CTCAAGCTGGAATTTTGTGGAATTTCTGCACAGGAATCTGGACAGTATTCTGAA---TA---GTACCTTTCTGGTGGTT	30253
JapaneseQuail	CGCTCTAGGGCTGCTGACT-----ACCTTCTCCCTGGGCACCCTTTTC-----CA---ATACCTCACCCTCTTT	24596
MediumGroundFinch	TTCCAGTTGGAATTTTGTGTAAATTTCTTTGCAAGAATCTGGAGAGTATTCTGAA---TA---GT--CTTTCTGGTGTTT	12538
GoodesThornscrubTortois	6TCTAAATGTATGGACCCGGTGTATCCCCTGAAGCCCCAACGGAGGAATTTCAAG---CATTTATCACCAAAGACTGGTT	53118

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Majority	TGTAC-AATGATGTTAATGCTTTCCTGCTTCTTCTAGGAAAATCTTGTCTGG-T----CTCTTA-----TT----TTG	
	58250 58260 58270 58280 58290 58300 58310 58320	
Human	TTAATTATGTCTCTAATACTTAAATGCTTCCCTCCAGATCAAGATTACTTCTGTGGAGCCCAGACCATTTTTTACAATTG	57767
Kakapo	TGTAC-AATGATGTTAATGCTTCCCTGCTTCTGCTAGGAAAATCTGGTCTGG-----CTCTTC-----CC----ACA	26386
GoldenEagle	TGTAA-AATGATGTTAGTGTCTCCCTGCTTCTGCTAGGAAAATCTTGTCTGGTCTTGTGTTTG-----TT----TTG	30321
JapaneseQuail	TGGA--ACAGAAATT-----TTCCTGATATCCAACCTAAACCCTCACCT-----CTCA-----TC----GTG	24648
MediumGroundFinch	TGTAC-ATTGATGCTAATGCTTGCCCTGATTCTTTTAGGAAAATGT-ATCTGG-----ATCTTA-----CC----CCA	12599
GoodesThornscrubTortoise	GGTGGCTAAGACTTTGTTGCAGTCCATGTTGCATCGCAGAGTGATGGCCTCAGTGGCGACCATGAGAAGGGCT---TCC	53194

Majority	TTCCCTTGTCATGTTGGCTGCATCATATTT-----ATTAGTTG----GTTTTTCCTTTTCTATGGGTGAGCT	
	58330 58340 58350 58360 58370 58380 58390 58400	
Human	TTTCATTGCATTTCCATCCACACAACCTCATTTTGGGAGCAAAATTAGTTGTAG-GTAGCAGAAAGGCTATACAAGTAAT	57846
Kakapo	CCCCCTTCCCC-TGTGTTGGCTGCCTCATGTTT-----ATTAGTTG----GGTTTT----TTCTGTCAGAGAGCT	26447
GoldenEagle	TTCCCTATC--CATATTGGCTGCATCATATTT-----ATTAGTTG----GTTTTTCATTTTCTATTGGTGAGCT	30385
JapaneseQuail	TT-GCTTGTTA-TTTGGGAAAAGAGGCCACTT-----ACACCTTG----CTACCACC--TCTTTTCTGGCAGCT	24710
MediumGroundFinch	T--CCCTGTC--TGTGTTGGCTGCATCATGTT-----ATTAGTTG----GTTTTTCCTTTTTTATGAGTGAGCT	12660
GoodesThornscrubTortoise	GGCTGTGGAA-TCTGTGATTGCTCCCATGTGC-----AACAGGCCATAGAGGATTTGCCCTCAATGGCTGAGTC	53266

Majority	CGTAGT----TCATAATGGACTTTTTTGTCG-GGGTCCTTAA--ATTCTGAG-GCT---CTAGATT-TCATCAGATTTT-	
	58410 58420 58430 58440 58450 58460 58470 58480	
Human	AATAGCATAATTGTAATAGTTTACCAAGTGCCGTAGTCTCATTTTTTCTGACCCTACTCTATATTGTCAACAAAACAGG	57926
Kakapo	TGTAGT----TCATAATGGATAGTTTGGCTCTTGGTCCTTAA--ATTCCGAG-GCT---CAGGATT-TCATCAGATGTT-	26515
GoldenEagle	TGTAGT----TCATAATGGACATTTTGTACTGGGTCCTTAA--ATTCTGAG-GTG---GTGGATT-TCATCAGACTTC-	30453
JapaneseQuail	CTTAGT----GAGCAGTGAGGTCTCCTCTGG---CCCTCAT--GTT-----TT---CTAGACA-AAACAAACCCGT-	24768
MediumGroundFinch	CGTGGT----TCAGAAGGGACGTTTTCTTAC-----C-TTAA--ATT-----GTTGGTT-TCATCAGCTTTT-	12714
GoodesThornscrubTortoise	TTTTTT----TCCAAACAGACGAAACTCTGC-ACTCCTTCAAGGACTCTATG-GCTACCCTACAGT-CCTTGGGGGTGTA	53339

Majority	TGTGATGTCAGTCCCTTTG-GGTCATCCCTTTCTC--CGTGTG-GATCCTTCTCAG-----CATTAATAAT---GCTT	
	58490 58500 58510 58520 58530 58540 58550 58560	
Human	GTTTTCCCTGCGTTACAAGAGGATGCTAAGATTTAAAGAGGTGAATTACTTACAGTGAACACCACCTATAAGGTAGACA	58006
Kakapo	TGCAATATCAGTCCCTCTG-GGTCATCCCTTTCTC--CGTGTG-GATCCTTCTCAG-----CATGAATAAC---GCTT	26581
GoldenEagle	TGTGATGTCAGTCCCTTTG-GGTCATCCCTTTCTC--CAGTGT-GATCCTTCTCAG-----CATTAATAAT---GCTT	30519
JapaneseQuail	TCCCTCAGCTGTTCCCT---AGTAAGACTTGTGTTC--CAG---ACCCCTCACCAG-----CTTTGTTGA---ACAT	24828
MediumGroundFinch	TGTGATGTCAGTCCCTTTG-GGTCATCCCTTTCTC--CGTCTG-GATCCTTCCAG-----CATTAATGAT---GCTT	12780
GoodesThornscrubTortoise	TTGCTGGCAGTGCAGAGATGTCAGTGTGGTAGTCAGCAGCGG-CATCATCTGTAG-----CCCACATCTGG--GCAG	53409

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Majority	CCTTTCTTGCTTTGATACTTTTCTACT--TTTTGTGTCTGGT-----TCCTTAGTGCAAACAGTTCTTAAAATTTTCC	
	58570 58580 58590 58600 58610 58620 58630 58640	
Human	TTTTTTCAGTCTTAGCCTTTCTCTCCA--GTATGCTGCTTCTCACTGGTTCCTCGGTATAATCTAATCTTACTGTGCTTT	58084
Kakapo	CCTGTCTTGCTTTGATACTTCTCTACT--TTCTGTGTCTGGT-----TCCTTAGTGCAAACAATCCTTAAAACCTTCC	26652
GoldenEagle	CCTTTCTTGCTTTGATAATTTTCTACT--TTTCGTGTCTGGT-----TCCTTAGTGCAAACAATCCTTAAAACCTTCC	30590
JapaneseQuail	GCTCCAGGGCTTCAGTGATTTTCT----TTTAGTGAGGAGT-----CTGAAACTGAACACAGTACTTAATAGTG---	24893
MediumGroundFinch	CCTGTCTTGCTTTGTACTTTTCTACT--TTTCGTGTCCAGT-----TCCTTAGTGCAAGCAGTTCTTAAAAAAA--C	12849
GoodesThornscrubTortoise	CCTTCCCTCCCTGAGACAGCAGGACTACTTCAGAAAGGGGTATAGGTCCCAGGAGGAGGCGGCATTCTGGTTTTGCC	53489

Majority	TTTCGGAGCTC-TTTATTAATTATTCACCAC-----TATTTTTTCTCTTTGAAACAAAATTCTGGTTA-GCC---TCTAA	
	58650 58660 58670 58680 58690 58700 58710 58720	
Human	CCGCTTCAGGCATAGGTTAAT-AATTAGAAT-TCTTTTTTTTTGTCCAAAAAATGATTATCCTCCTTTCACATGCCCTGG	58162
Kakapo	TTTAGAAGCTCTTCTAGTAATATTCACCAC-----CATTTTTGTCCAGAAAAACAAAATTCTGGGTA-ATC---TCTAA	26723
GoldenEagle	TTTAGGAGCTC-TTTAGTAACATTCACCAC-----CATTTTTCTCCTTTCAAA-AAAATTCTGGGTA-ACC---TTTAA	30659
JapaneseQuail	-----T-----AAT--CTCACCAG-----TGCTGCATACAGAGGGACAGTTACCCCCCTTGTGCT---GCTGA	24946
MediumGroundFinch	TCTGGGA-----TCTATTAATGGTTCACCAC-----TATTTTATTTCTTTCAAA-AAATCTCTGGGTA-GCC---ACTAA	12914
GoodesThornscrubTortoise	AGTCGACATACTTTTCCCAAGAGCCTTCCATGTACTCATTTTCACTCCTTGGACCAGAGCTGTGTTCTGGTCATGGCTAC	53569

Majority	CTGTTT---T--GTTTTTTTTATGT-----AATTTGGAGTTCTTATGCAAGCCCT---TCTGGGTCATCATTAATAT-	
	58730 58740 58750 58760 58770 58780 58790 58800	
Human	CTACCAAAATCAATGTGGTATGAGGTTTTATGAATAGGAGACAATCTAGAAGTCATGGTTTCTGTGACATTTTTCACAA-	58241
Kakapo	TTGTTT---TGGGTTTCTTTAATAG-----AATTTAGAGTTCTTATGCAAGCCCT---TCTGAGTCATCATTAATAC-	26789
GoldenEagle	TTGTTT---T---TTTTTTTTATGT-----ACTTTAGAGTTCTTATGCGAGCCCG---TCTGAGTCATAATTAATAT-	30722
JapaneseQuail	CTGCAC---T--GCTTCTGGTACTG-----AAGCCAGGATGCCATTGG---CCT---GCTTGGCCAC--TTGGCGC-	25004
MediumGroundFinch	CTGTTT---T---TACTTTA-ATGT-----GTGTTGGAGTTCTTATGTGAGCCCT---TGTTGGACATGATTAATATC	12977
GoodesThornscrubTortoise	eTTCTC---CCTGCCTGCTCCATTTGGGAACAGACTGGCTTGCTTTACAGTGCTTGGGA-TCTCGATCACCATTGACATT	53645

Majority	----TTTTACATGTTATTATATGAGA-TACTTCACTGAGAGT----TGTAAGGATTTGCTGTGGTCTTTTTCT--T---	
	58810 58820 58830 58840 58850 58860 58870 58880	
Human	----CTTCAAACGTTTAAATATA-GTCTACATTTTTCTTGGT-----GTGGAATATTTTCTTGCTCTTCTGAC--CCCA	58309
Kakapo	----TCTTGCATGGTATTACATGAGA-TACTTCACTGAGAGC----TGAAAAGGATTTG----AGT---T-----	26843
GoldenEagle	----TCTTACATGGTATTATATGAGA-TGCTTCACTGAAAGTGAGATGAAGAGGATTTGCTGTGGTTTTTGTCTTGTTA	30797
JapaneseQuail	----T--CAGCTGGC-TCATGCT----CATCTCACTGTCAGC-----CAATGCTGTC---AGATCCTTTTCT-----	25057
MediumGroundFinch	ATGTTATTCATGTTATTATATGAGA-TGCTTCACTGAAAGTGAGGTGTAAGGGTTTTGCTGAGGTCTCTGT----T---	13049
GoodesThornscrubTortoise	@GGATTGCAAGCATTTGTCAAGTGGGGCTATGCCATCCAGTTCC---TTTGCATCCTCCTCCCTCTCCTTCCCC-ATCCC	53721

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Majority      -----AGATGAG-----G--G--TTA---AGTCTTTGACA---CATCTTTTATG-
              58890   58900   58910   58920   58930   58940   58950   58960
Human         AAGAAAAGTATTTGTTAGAGGACCAATTAATGAAATTTGAGTGGGGATTATACTGTGTTTGAGCTATAAATCTTAAGGG 58389
Kakapo       -----AGTCTTGAACA---CACCTTTTCTG- 26865
GoldenEagle  GAAAATGAGTTATCACAGAGGGCTGTTGAGTTAGTGTAAGAGACTGGGTCAGTTAGTCATTAACAGTCCAACCTTTCATG- 30876
JapaneseQuail -----TGTG-----GATGTGTGACA----ATTTCTTCAT- 25082
MediumGroundFinch -----AGATGA-----CGA---AGTCTTGAACAATCTACCTTCTATG- 13083
GoodesThornscrubTortoise@CTTCAGGGACACCTCTCATGAGATGCTGCTCCTCGAGCAGGATTGCTCTCTGCTGGCTTTGGGA---GTAGTGGAA- 53796
    
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Majority      --AAACTAT--A-ACATCTGTCTCTTCAGAATTTGTTCTGAA--GCCTTGAATTTTATTTAGATCCAACCTAAGAGGTGAC
              58970   58980   58990   59000   59010   59020   59030   59040
Human         GAAAATTGTTTATATGTGTATCTTGTCTGAAGTAATACATAGTTACATTAATCTCATAAAAAGTACCTCAATTGTGTCAA 58469
Kakapo       --AAGCTAT--A-ACATCTGTCTCTTCAGAATTTATTCTGAA--GCCTTGCCTTTTATTTAGACCCAACCTAAAAGGTGGC 26938
GoldenEagle  --AAACTATGTA-ACATTTGTCTCTTCAGAAGTTGTTCTGAA--ACCTCAAATTTTATTTAGATCAAACCTAAGAGATGGC 30951
JapaneseQuail --GTTCTT----CTAGCTGCCCTTCAGAATCTGTTCTAAAC-ACTCCATTTTCTTTAGACAGGACCAGAAGGCGAT 25154
MediumGroundFinch --AAACT---A-GCATTGTCTCTGCAGAATTTGTTCTGAA--GCCTTGAATTTGACCTAAACCAAAT---GAGATTAC 13151
GoodesThornscrubTortoise@GGATTCCGCT-GGAACACCAGGGTCAGAACTTCTATTTCTG-GTACTTTCTGGTGCCCAAATCCAAGGGAGGGCTAAG 53872
    
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Majority      TTACTTAAAATTTATG-C-T-----GTTTATAA-----TAAAAGCATTTTTAAATATAGTATTAATAGTATCAGTAAA
              59050   59060   59070   59080   59090   59100   59110   59120
Human         CTGTTTGACATTTTGG---TTAATCTTCTGTGAACAGATACTAAGCATCCA--ACTATGATATTTGATGTTTGTGCACAG 58544
Kakapo       TTACTTCAAAGTGA-----T-----ATTTATAA-----TGCAAACCATTTT-----ATCAGTCAA 26983
GoldenEagle  TTACTTAAAATTTATCTCAT-----GTTTATAA-----TAAAACCATTTTAAATAAAGCACTAATAATATCAGTAAA 31020
JapaneseQuail TCTTCTAAAACCTTA-----T-----GTTTATAA-----TAAAAGCATTTTTAAATGGAATGCTAACAGTGTGAGTAAA 25218
MediumGroundFinch TCACTTAAAATTAATTTTCAT-----GTTTATAA-----TAAAAGCATTTTTAAATAAAGCATTAAAAGTATCAGTAAA 13220
GoodesThornscrubTortoise@ATTCTTGACCTTCATGGCCTCAACAGATTTATCAG-ATATGTGACATAGCCTCCCCGTTGTCTTGGAAACGACTGGTTGG 53951
    
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Majority      CTTTTCAAATAGAGTCTGAATATGTCTTTCAGCAAATGGTAATGACAACAAGAAATTCAAAGGTGACGATAA--AATGGA
              59130   59140   59150   59160   59170   59180   59190   59200
Human         GTATGCACTCAGGTCTTCTTGACAAAGATCTA-AAGTTATAATTTCTAAGAGAGTAGATAATGTTTTACTAAGTACTTAT 58623
Kakapo       CTTTTCAAATCTAGTCTGACTCTGTCTTTCAGCAAATGGTAATGACACCAAGAAATTCAAAGGGGACGATAA--AATGGA 27061
GoldenEagle  CTTTTCAAATAGAGTCTGAATATGTCTTTCAGCAAATGGTAATGACAACAAGAAATTCAAAGGTGACGATAA--AATGGA 31098
JapaneseQuail GTCTTCAAAT--AGTCTTAATGTGTCTTTCAGCTAATGGTAATGACAACAAGAAATTCAAAAGTGAAGATAA--AATGGA 25294
MediumGroundFinch CTTTTCAAATAGAGTCTGAATATGTCTTTCAGCAAATGGTAATGACAACAAGAAATTCAAAGGTGATGATAA--AATGGA 13298
GoodesThornscrubTortoise@TACTC---TGGACCTCAGGATGCCTATTTTCATGTGGCAATTTTGCCAAGCCA--CAGAACATTCCTTTG--ATTTGT 54024
    
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Majority      TGGGGCTCCTT--CTCGTGTTCATATCAGGAAACTGCCTGGGGAAGTGACAG--AAACAGAAGTT-----ATTGCTT
              59210   59220   59230   59240   59250   59260   59270   59280
Human         TCTGGTATCAGAACTCACACTTCACTTATTACAGAAGGAAAAAGAAATTTGTTTCCTAAACTTGCTTTGCCCCATTACCT 58703
Kakapo        TGGGGCTCCTT--CTCGTGTTCATATCAGGAAACTGCCTGGGGAAGTGACAG--AAACAGAAGTT-----ATTGCTT 27132
GoldenEagle   TGGGGTTCCTT--CTCGTGTTCATATCAGGAAATGCCTGGGGAAGTGACAG--AAACAGAAGTT-----ATTGCTT 31169
JapaneseQuail TGGGGCTCCTT--CTCGTGTTCATATCAGAAAACGCCTGGGGAAGTGACGG--AAACAGAAGTT-----ATTGCTT 25365
MediumGroundFinch TGGGGCTCCTT--CTCGTGTTCATATCAGGAAATGCCTGGGGAAGTGACAG--AAACAGAAGTT-----ATTGCTT 13369
GoodesThornscrubTortoise ATAGCACCAT--TTCCAGTATGTGGTGCTTCCCTTCAGCCTGTTGGGTTTTTACC-AAATGCATGGT-----CATGGTG 54096
    
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Majority      TAGGTTT---ACCTTTTGGTA-AGGTAACCAACATCCTGATGCTGAAAGGGAAAAATCAGGTAATTTGTTGCTTTCC---
              59290   59300   59310   59320   59330   59340   59350   59360
Human         TGTAATCTAGACCCTTTGGTA---A-AATTTGCATTTTTGATAACTACAGTAATGTTTACTTTGCTGCATCTGGG 58779
Kakapo        TAGGTTT---ACCTTTTGGTA-AGGTGACCAACATCCTGATGCTGAAAGGGAAAAATCAGGTAACTTGTGCTTTCC--- 27205
GoldenEagle   TAGGTTT---ACCTTTTGGTA-AGGTAACCAACATCCTCATGCTGAAAGGGAAAAATCAGGTAATTTGTTGCTTTCC--- 31242
JapaneseQuail TAGGCTT---ACCTTTTGGTA-AGGTAACCAACATCCTGATGCTGAAAGGGAAAAATCAGGTAATTTGTTG----- 25432
MediumGroundFinch TAGGTTT---ACCTTTTGGTA-AAGTAACCAACATCCTGATGCTGAAAGGGAAAAACCAGGTAATTTGATGCTTTTGTG-- 13443
GoodesThornscrubTortoise ATGGCAT---ACCTCAGGAAGGAAGGAATCCATAACTTCCCATACATAGATGACTGTTTACTGAGGGGCAG-TATCCA-- 54170
    
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Majority      -TTTTTTTAGTATGCTTTCTGTCTCATTTCAAAATATGCT-GTTAAAATGCTTTTGAATAAGTCATA-CAACAGTAAGT
              59370   59380   59390   59400   59410   59420   59430   59440
Human         CTCTACTTAGAGAATATCACATAATATTACATAATCTGACAATGGTACCAGTTTAAATCCATCAACGTCAACTACAAGT 58859
Kakapo        -TTTTTTTAGTATGCTTTCTGTGTAATGTCAAAATAGGCT-GTTAAAATGCTCTTGAGATAAGTCATA-GAACAGTAAGT 27282
GoldenEagle   -TTTTTTTAGTATGCTTACTGTCTAATTTCAAAATATGCT-GTTAAAATGCTATTGAAATAAGTCATG-TAACAGTAAGT 31319
JapaneseQuail --TTGCTT--T-----TCTTCTCATTTCAAAATATGCT-GTTAAAATATATTGAAATAAGTCACA-CAACAGTAAGT 25500
MediumGroundFinch -TTTTTTTCATATGCTTGCTGTCTGATTTCAAAATGTATT-GTTAAAATGCTGTTGAAGTAAGTCATA-AAGCAGTAAGT 13520
GoodesThornscrubTortoise GAGAGGAAGTCC-TTTTCCATGTCAACACTACATGCCTTGCTCAAACATCTGGGACTCATCTAAA-CATCGGAAAGT 54247
    
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Majority      ATTCAATAGA---A--AAAAAGCCTTTGTTCCCTTCTTTT-TT-AATGAATTTATAGTGTCTTTTA--GTAAATTTT-
              59450   59460   59470   59480   59490   59500   59510   59520
Human         AAGCCCTCTACTCTACTTTAAAAATCTCTTCCCATTTCTTCA-GTCAACAGTTTTTCTGTTTTTCACAATGCCTATGTCA 58938
Kakapo        ATTAAAACCA-----AAAAGCCTTAGTTTTTCTTTT-----ATGAATTTAGAGTGTCTTTTA--GTAAATTTA- 27345
GoldenEagle   ATTAAAAAAAAAAAAAAAAAAGAGCCTTTGTTCCCTTAAATTTTTTAAATGAACTTATAGTGTCTTTTA--GTAGATTTGA 31397
JapaneseQuail CGTAATGAGG-----AAAGAACAGTTGTTTCTTCTTTA----AATCAGTTTGTGCTGTCTT-----GTAAATTTCT- 25563
MediumGroundFinch ATTCTAGAAA-----AAAAGACTTTTGTTCCTTCTTTTTTAAATGAATTTATGCCATCTTTTA--CTAAATTTT- 13590
GoodesThornscrubTortoise AACTTTGGTTCCCAT-TCAGAAAATGAGTTAATTATCGCCCGT--ATAGACTCTGAGAGCATTTTT--GTCAACT--- 54319
    
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Majority	GGGGGGGAACAGGGATTGTTTGGCAGCTACCTAAAGCAAAAAG--TTAG-----ACTGTAAGATAAAATATTT----AGT	
	59530 59540 59550 59560 59570 59580 59590 59600	
Human	GATAGAAATTTTCCCTTCTACCATATCTCTCCTCACTCTCACTTGGCTTGAAGAGGAAAATCACATGGAAGCTTCATCAGC	59018
Kakapo	GGGGGGGAACAGGG--TATGGTGAAGCTGCATACAGCAAAAAG--TTAA-----CTGTAAGAGAAATA-----GTC	27407
GoldenEagle	GGGGGGGAACAGAGGATGGTTGGCAGCTACGTAAGCAAAAAG--TTAG-----CTCTAAGATAAAATATTT----AGT	31464
JapaneseQuail	GTTTGGGAATGTGGATTGGTTAACGGCTAACTAAATTAGGAAG--TAGGATAAAATACTGTAAGTTAAATACGC----AGT	25637
MediumGroundFinch	GGGGGGAACAAA---ATTTGGCAGCTACATAAAGCAAAAAG--TTAG-----TTGGAAGATAAAATATTT----ATT	13653
GoodesThornscrubTortois	6ACAGTTTTTCAGGCAATTCACCACCTTTGTCTCAGTCCGAGTC-TCAGCCTTTCACAAGAATCCAGATGTGCCTGAAGC	54398
Majority	TCTGCATCTTCACAGGTG---AATTTTTGGAGATGCATTAGTTTTATCAAATAAAGTTGGTATGTGTAGAATGACATTT--	
	59610 59620 59630 59640 59650 59660 59670 59680	
Human	TTTTCTTGCA-AAATCTG-CTAATACTCACACTTGTCTTTCTCTTTTAA-TAAAAGGCATAGATGTTTAGTTATCTAAGA	59095
Kakapo	CCTTCATCTTCAGAGGTG---AATTTTTGGAGATG----A-----A--TAACTTGGTATGTAACAAATGACAT----	27467
GoldenEagle	CCTGCATCTCCACAGATG---AATTTTTGGAGATGCATTAGCTTAGCAAATGAAGTTGGTATGTAGAGAATGACATCT--	31539
JapaneseQuail	TCTGCATTCCTTCAGATG---ATGTTTTGAAGATGAAGTGGTTTAGCAAATAAAGTTGGTAATTGGAGGATGACATCT--	25712
MediumGroundFinch	CTTGCATCTTCAGGTG---AATTTTTGGAGATGAAGTAGCTTATCAAATAACATTTGGTATGTGTAGAATGACATTT--	13728
GoodesThornscrubTortois	@CTGTTTGACACAGTGGTCCAGTTTGCAAGGTTGCATCTTTGTCTCCTTCAGATGTGTCTCAGGACAGTTTACTGTC--	54476
Majority	T--CTGAAGACTGATAT--ATTTGTTAAAATGTGTTATCAGACC-CTTTAAGTGTTTTTT----GTATGCTTCTAA----	
	59690 59700 59710 59720 59730 59740 59750 59760	
Human	CCAATAAACACCAAAGCCTATCGTCTTCTGCCTGTCAAGAGACTGCATATCTGTCCATCC-----CCTTTCTCATTTA	59168
Kakapo	---CTGAAGACTGGTAT----TTGTTACAATGTGTTGTCAAATG-CTTTAAGTGTTTTAT----GTATGCTGCTAA----	27531
GoldenEagle	T--CTGAAGACTGATAT----TTGTTAAAATGTGTTATCAAACC-CTTTAAGTGTTTTTT----ATATGCTACTAA----	31604
JapaneseQuail	T--CTAAGGATTTATGT----TTGGGAAAATGTGTTCTTAGACC-TCTTA--TGTCTC-----TGCTTCTAA----	25771
MediumGroundFinch	T--CTGAAGGCTGATATCAATTTGTTAAAATATGTTATCAAACC-CTTT---TTTTTTTA----ATGTACGTCTAA----	13794
GoodesThornscrubTortois	@AECTTTCACTTGGACAGATTGGTCCACTTTCCTCCACTGGTC-TTGGTCATATCGTAGTGATGGACACTTCCGGAGGA	54555
Majority	----TATCAATATTATCTGCTTTGTA--AATACTGAAAATT--AGTTGTTTT-ATTACAGGCATTTTTGGAACCTTGCTA	
	59770 59780 59790 59800 59810 59820 59830 59840	
Human	TTTCTCTCTATATTGGCCACTTTTCACCAGTTTCAAGCATTCTCAGCTTCTTTTAAATGAATTTACCTTCAACTT	59248
Kakapo	----TATGACTGTTATCTGCCTTGTA--AATACTGAAAATT--AACTGTTG-ATCACAGGCATTTTTGGAACCTTGCCA	27601
GoldenEagle	----TATCAAGATTATCTGCTTTGTA--AATACTGAAAATT--AACTGTTA-ATTACAGGCATTTTTAGAACTTGCTA	31674
JapaneseQuail	----TACAAATTTTATCTACTTGAAA---TTTACCTGT--TT--AACTTGATT---TTACAGGCTTTTTTGGAACTTGCAA	25838
MediumGroundFinch	----TATGAAGATTTCTGCTTTGTA--AATACTGAAAATTTAATTCTTTTA-ATTACAGGCATTTTTGGAACCTTGCCA	13867
GoodesThornscrubTortois	@GTTTGTGAGGTTGTTCCCTTTGTCC--GGCCCTTACCAACC--AGTTCTCTT-GTCACCGATGCCTCCCTGATGGGCTG	54630

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Majority	CAGAAG-AAGCAGCTATCACTATGGTTAATTACTACTCTGCTGTG-ACGCCTCATCTT-----CGTAACCAACCTATTT	
	59850 59860 59870 59880 59890 59900 59910 59920	
Human	TCAATCCATCCATCTATAACTCTACGTACTTTCTATCACCCCTGCCTCCCCTCTCCCTTTTCACTCATAACCAGACTTCTT	59328
Kakapo	CAGAAG-AAGCAGCTATCACTATGGTGAATTACTACTCTGCTGTG-ACGCCTCATCTT-----CGGAACCAACTTATCT	27673
GoldenEagle	CAGAAG-AAGCAGCTATCACTATGGTTAACTACTACTCTGCTGTG-ACGCCTCATCTT-----CGTAACCAACCTATCT	31746
JapaneseQuail	CAGAAG-AAGCAGCTATCACAATGGTTAATTACTATAACAGCTGTG-ACGCCTCATCTT-----CGTAACCAACCTATCT	25910
MediumGroundFinch	CAGAAG-AAGCAGCTATCACTATGGTTAATTACTACTCTGCTGTG-ACACCTCATCTT-----CGTAACCAACCCATTT	13939
GoodesThornscrubTortoise	GGGAG---CGCACATGGCGCTGCTGAAAAGTCAAGGTCAGAGATGCAGGCCTCA-CTG-----CATAAC-AGTGTGCTG	54699

Majority	A--TA-TCCAG-----TATTC-CAATCATAAAGAAGCTAAAGACTGATAATACGCTTAAC-----CAGGTATATTTACT	
	59930 59940 59950 59960 59970 59980 59990 60000	
Human	AAATAGTCTATCTTTGTTGTTTATTATCTCATTCTCTACTTACTATTATTTGGTTTTAGCACTGTTGACCCAAATTGCT	59408
Kakapo	A--TA-TCCAG-----TATTC-CAATCATAAAGAAGCTGAAGACTGATAACACACTTAAC-----CAGGTATATTTACT	27737
GoldenEagle	A--TA-TTCAG-----TATTC-CAATCATAAAGAAGCTAAAGACTGATAACACGCTTAAC-----CAGGTATATTTACT	31810
JapaneseQuail	A--TA-TCCAG-----TATTC-CAATCATAAAGAAGCTGAAGACTGATAATACACTGAAC-----CAGGTATATTTGCT	25974
MediumGroundFinch	A--TA-TCCAA-----TATTC-CAATCATAAAGAAGCTAAAGACTGATAACACACTTAAC-----CAGGTATATTTACT	14003
GoodesThornscrubTortoise	GA--CACTTCAGGC---CATCT-ACAAGGTCATGCTTTTTCTGGACCATATTGGGCTCAGTGGTTCACATACCTACAGACA	54772

Majority	GTTCGGTAGTATTACAAATG-TAGACAGTGGGAAGATGAGGCATGGCATGTGTTCTTGGCTCATGTGGC--ACATGTTTTG	
	60010 60020 60030 60040 60050 60060 60070 60080	
Human	CTTCCTCAGCGTCACCAGCGATTAGTAGAGTAGCTAAATGCTAGTGATATGATTTAGTCCTTGTCTTACTTAATACCTAG	59488
Kakapo	GTTCTGTACCATTGCAAATG-CAGGCAG---AAGATGAGGCTTAGCATGTATTCTTGGCTTATGTGGC--ATATGTTCTG	27811
GoldenEagle	GTTATGTAGTATTACAGATG-CAGACAGTAGAAAATGAGGCATGGCATGTATTCTTGGCTCATGTGGG--ATATGTTTAA	31887
JapaneseQuail	ATTACATGGTATTAGAAATG-TAGACAGTGGGGTGTGTGACA-AATATAC-CGCATCAGTCAAGAA-T--ACCTGTTATT	26048
MediumGroundFinch	GTTCAGTAGTATCACAATG-CAGACAGTAGAAGATGAGGCATGGCATG--TTCTTGGCTCATGTG----CCATGTTTGA	14076
GoodesThornscrubTortoise	GTACCACCACAATGTATATG-TGAACAA-GCAAGGGGGAGCACACTCCAGGATGCTGTGCCAGGAGGCAATCAGATTGTG	54850

Majority	ATAAT-T-TGGTTTTGT---CCACATTCCTAATACTACTGTGTA---GTCTTCTCTGTGATCATTCTATCTTGTGTCAATTGAA	
	60090 60100 60110 60120 60130 60140 60150 60160	
Human	ATAATATTTGGCACTGTGCACCATTGTCTTAAAATTCTCTTTCTTCTCTGGTCTCTGATACTTCTCACCTGGATTTATCCT	59568
Kakapo	GTCAG-T-TAGTTTTGT---CCACATTCCTAATGCTACTGTGTA---GTCTTCTCTATGATCATTCTGTCTTGTGACATTGAA	27883
GoldenEagle	ATAAT-T-TGGTTTTGT---CCACATTCCTGATACTACTGTGTA---GTCTCACCTGTGATCATTCCATTTTGTGACATTAGA	31959
JapaneseQuail	TAAGT-C-TACTTTTGC---CCACATTCAGATACTACTGTGTA---GTTTTTCCAGTGGT-----TTTGGTAATGAA	26110
MediumGroundFinch	ATCGT-T-TGGTTTTGT---CCACATTCCTAACTCCTGTG---GTCTTATCTATGATTGTTCCATTTTGTGGCACTGAA	14148
GoodesThornscrubTortoise	ATAAT-TCTGCACTTAC---CTAGGATCCAGAATCATCTTACGGACCATCTCAGCAGGAATTTTTTCTGAGTCA-TGAA	54925

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Majority      GGGTCTTTGCT-----TTCTGTG-TGATCTTCCATTAGGATGAA-TC-----T-----TT-----
              60170      60180      60190      60200      60210      60220      60230      60240
Human         ACCTCTCTATTTCTTCCTTGTCCTTGTAACCTCCCTTCTACCTGGGAGGCCTCACCTGCTGTACAGCTCCATTAAACCTC 59648
Kakapo        GGGGATTGGCT-----TTCTGTG-TGATCTTCCATTAGGATGAAATC-----TGGAGAGGGACTTTTCGACAA 27945
GoldenEagle   GGGA-TTTGCT-----TTCTGTG-TGATCTTCCATTACAATGAG-----T----- 31997
JapaneseQuail -GA--TTTGCT-----TTCAATG-TGATCCTTCAATTAGGATGAA-----T----- 26146
MediumGroundFinch AGGCCTTTGCT-----TTCTGTG-CCGTCCTTCCGTTACAATAAA-----T----- 14187
GoodesThornscrubTortoise @GGTCTTTGTAGACAAGT-GTCCTCTG-TTATCTTCTCAGCTTTGAGCATTC-----TGGCAATTGACTTATTCTAA 54995
    
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Majority      -----G-----T-----A-----G-----C-
              60250      60260      60270      60280      60290      60300      60310      60320
Human         TTATGATTTCAGACAGAGTTTCACATCACATTTTCTAGCTCAGACCTCTCCTAAGAGACCCACACTAAGAACCTGGCGGACT 59728
Kakapo        GGGCCTGTAGGGACAGGCCAAAGGGAATGGCTTTAACCTGCCAGAGGGGAGATTGAGATGAGCTCTGAGGCAGAAGCTCT 28025
GoldenEagle   -----T----- 31997
JapaneseQuail -----T----- 26146
MediumGroundFinch -----T----- 14187
GoodesThornscrubTortoise @CTTGAGGGTACCTTAGTCTGGAATCCTTATCCTGTGCTTTCCATCTCAGGTGGCAGTTGGATCTCCTGTAAGCTTTTCC 55075
    
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Majority      -----T-----T-----A-----C-----
              60330      60340      60350      60360      60370      60380      60390      60400
Human         AATGAATATCTTCAAACAGTGTGTTCAATCTAGCTCCTGTTTTTGGTGTCCGCTGTGTTAGGAAAGTGAAGATACCAAC 59808
Kakapo        TCCCTGTGAGGGTGTGAGGCGCTGGCACAGACTTTTCCAGAGAAGCTGTGGCTGCCCCATCCCTGGCAGTGTTC AAG 28105
GoldenEagle   -----T----- 31997
JapaneseQuail -----T----- 26146
MediumGroundFinch -----T----- 14187
GoodesThornscrubTortoise @CCAGTTCTGATCATCCACAAGTCATGCTCAAGCTGAGGTTGGATCGGGCCACACTCATACTTATTACCTCGGTATGGC 55155
    
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Majority      ----G-----C-----T-T-----T-C-----C-----T---A-----
              60410      60420      60430      60440      60450      60460      60470      60480
Human         TTCAGTCTCATTAACAAGCCAGTAAACATGGTATTTTTCCCTTTCCTTCCAACCTGTCATCAGATATTATTGATTATAACC 59888
Kakapo        CCAGGTTGGACACAGGGGCTTGGAGCAACCTGCTCTAGTGAAGGTGTCCCTGCCCCGTTGGCAGGGGGTTGGAAC TGGATG 28185
GoldenEagle   -----T----- 31997
JapaneseQuail -----T----- 26146
MediumGroundFinch -----T----- 14187
GoodesThornscrubTortoise @GAGGCAGTTCTGGTTCTCTGACCTTGTGCTCTGTCAGTTCAGCCTTTCATATCCCTTTCTTTCCATCCTGACCTACTC 55235
    
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Majority -----A---T--T-----A---T---ATTTTCTTAATGTG--TCCTTGATGTCAAAGGAA
 60490 60500 60510 60520 60530 60540 60550 60560

Human TCCTAAATTTTGTGAATCTGGCCTTTTTCTCCAACCTTGCTACCATTGCAGTCTAAGCCAGTGTTATTCAAGATGC 59968
 Kakapo ATCTTAAGGTCTTTTCCAACCCAACCAGCCTGGG-ATCGTGTGAATTTGCTTAATGGC--TCATGAATGTAAAAAGAAA 28262
 GoldenEagle -----TTTTCTTAATGT---TCCTTAATGTAAAAAGGAA 32028
 JapaneseQuail -----TTTACTTAGCGT-----AAAAGAA 26165
 MediumGroundFinch -----TTTTCTTAATGTG--TCCTTGATGTCAGAAGGCA 14219
 GoodesThornscrubTortoiseACACAGAAACATGGTTGCCTCTTATTTCCCATGCTCAGCTTCCCGAATCTCATGATGTGGTTCCGTCATGACTAAATGAG 55315

Majority AAGATTCT-----GTAGTGTGTTTTAA-----TTTTAATATTTTTCATAACA-T--A---AGTTTTCATCTTAGTT
 60570 60580 60590 60600 60610 60620 60630 60640

Human TGGTCTCTCAAGGTAGTAGTGTGTGTCAAACTGAAATCAGCATACTTCTAGCAACAGTATGCTTAATGTCAATATTGGCA 60048
 Kakapo AAGATTCC-----AAAGTGTCTTTTCA-----CTTTAAAATTTTTCCTAAGA-C--A---AGTTTTCATCCTGATT 28322
 GoldenEagle AAGATTCT-----GTAGTGTCTTTTTAA-----CTTTAATTTTTCATAAAA-T--A---AGTTTTCATCTTAGTT 32088
 JapaneseQuail AAGATTGT-----GAAG-ATGTTTTTAA-----CTTGAATATTTTTCACAG-----ATTTACATCTCAGTT 26219
 MediumGroundFinch AAGTTTCT-----GAAGTGTGTTTTAATAGTTATTTAAAAGTTCTAAATAACT-TCAA---AGTTTTTGTCTTAGTT 14288
 GoodesThornscrubTortoiseGAGGAAGT-----GTGATGTTTGGTGGCTGT---TTAACAAGTCTACTCAGCAATAGA---AAACCCTCTACCAGAA 55382

Majority TAGA-ACTGTAGGATGAAA---AAATTAACCTTTCTAATT---CTG-ACACCTGAGATTTTAATGCCAATTTGAATTTCC--
 60650 60660 60670 60680 60690 60700 60710 60720

Human TAA--ATTTTGACACAGACTTCTTATATTCATGCAGAGTAGCCTGGGCTTCTGGACCCTCAATCATAATTTAAGTAGCA- 60125
 Kakapo TAG--GCTATAGGATGAAA---AAATGAACCTTTCTAATT---CTG-ACACCTGAGATTTCTAATTTCCAAGTTGAATTTCC- 28392
 GoldenEagle TAGAGACTGTAGGATAAAA---AAATTAACCTTTCTAATT---CTG-ACACCTGAGATTTCTAATGCCAGTTTGAATTTCC- 32160
 JapaneseQuail TAGAAAGTGTAGAATGAGA---AAATTAACCTTTTAAATT---CTG-ACACCTGAGATGTTAATCTC--TTTAAATTTCC- 26289
 MediumGroundFinch TAGAGACTGTAGGATGGTA---CAATTAACCTTCTTGTTA-ATTGTACACCTGAGATTTCCAATGCCAATTTGAATTTCC- 14363
 GoodesThornscrubTortoiseGG--CCTGTCAGGCAAATTT-GAAGCAGTTTTTCAATTGTG-TTCGCTGGCCTGTGGAGTTCAAGATAACCTGAATAGAAG 55458

Majority CTAGTGGTAGTGACTAATGCCAATGCCTATATTTTTCAGTGTCTTGGATGATCACTCTGGTAGCAC-----TGGTAACCTC
 60730 60740 60750 60760 60770 60780 60790 60800

Human -TTGATGTAGTAATAATTCT---CTTTCATATCTCCACTTCTTGCCCTTCTGACTGAACTCACCATTT-TGACATCTTC 60200
 Kakapo CT---GGTGTGCTAATGCCAATGCCTATGTTTTGGTGTCTTGAACGATTGCTCTGGTAGCAC-----TGGTAACCTC 28463
 GoldenEagle CTAGGGATAATGACTAATGCCAATGCCTACATTTTTCAGTGTCTTGAATGATCACT--GGTAGCAC-----TGGTAACCTC 32232
 JapaneseQuail CTGGTGATAATGAGTAATGTGAATGCCTACATTTTTCAGTGTCTTGAATGATTAATCTCTGGTAGCAC-----TGGTGGGCTC 26363
 MediumGroundFinch CTAGTGGTAGTGGCTAATGCCAATGCCTAAATTTTTCAGTGTCTTGGATGATCACTCCAGTAGCAC-----TGGTAACCTC 14437
 GoodesThornscrubTortoiseCAGCTGAAGTACTTGTCTGC--ACCTTCAGCTGTTGGCCTTGTGCTTAGCTCATTGAGAGTATATCTGGCAGTGATATC 55536

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Majority      AGCTTCTGTGATCTGCTGTTCTCGGAGAACAATACCTTAATGATCACTGTAGAGACAAAT-GTTCTTAATAACAAAAAA
              60810   60820   60830   60840   60850   60860   60870   60880
Human         CCCTACCTCCATTATTTTTCCACAGAGTACTAGGAATCATCTC--AACGTCAAGTCATATTGCTTCTAATCACAATACCC 60278
Kakapo        AGCTTATGTCATCTGCTGTTCTCGGAGAACAATAACTTGATGA---CTGGAGAGACAAAT-ATGCATAATAAAAGCAAAA 28539
GoldenEagle   AGCTTCTGTGATCTGCTGTTCTCGGAGAAGAATAACCTTAATGATCACTGTAGAGACAAAT-ATACTTAATAACAAAAAA 32311
JapaneseQuail TTCTTCTGTGATCTGCTGTTCCCAAAGAACA---CATTAATGCTCAGTGCAGAGATAAAT-GTGCATGTTAGCAGAAAGA 26439
MediumGroundFinch AGCTT--GTGATCTGCTTTTTCTGGAGAATAATACCCTAATGATCACTTTAGAGACAAAT-GTACTTAATAACAAAACAT 14514
GoodesThornscrubTortoise AGCAT-TTCATCCTCTATTTCATTGAAGATCAGTCTTTTCCAAT-GCCAGGGTAGCAAG--GTTCTTAAAAGGACTTTGT 55612
    
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Majority      TTTTTTG-----TTTGTCTCTTGCCCTC----TGCAGAACCTATTTTACAATAAATATAGCTATATATGTG-----
              60890   60900   60910   60920   60930   60940   60950   60960
Human         TTTAGTGACT---TTTTTGTCTCTGCAATAAAGTCCACAGTCCCTTATCATGGCTTATAAGACTCTAAATCAGTCCCTCAGC 60355
Kakapo        TGTTTTT-----CTCTTGCTTC---TGCAGAACCTATTTTACAATAAAGATCATTACATATGGGGGGTTAG 28603
GoldenEagle   TGTTTTG-----CTCTTGCCCTC---TGCAGAACCTATTTTACAATAAATATAGATGCATATGTA----- 32367
JapaneseQuail AAAAATA-----TTTAGATTTTGCCCTC---TGCAGAACCTATTTTCAAAGAAAGGTATGTATGTATAC----- 26499
MediumGroundFinch CATTTTGATCCCCATTTTGTCTCTTGCCCTC---TCGAGGACCTATTTTACAACAAATACAGATACATATGT----- 14581
GoodesThornscrubTortoise ATTTCATCCTCCAGTCTAAGAGTTTCTTCC---TGTGGAATCT-TAGCACAGTCTTAGCAGCTTTTAATGAGGCTTCCAT 55687
    
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Majority      -----TC-----T-----T-----T-----T-----CTGTTTTTAGTAGA
              60970   60980   60990   61000   61010   61020   61030   61040
Human         TTGCCTCTCCATTCTCCTCTCATGCCTTTTTAGCTATATTGGACTTCTTTAAATAGCTTGCATATACTGTATTTTCTCTG 60435
Kakapo        ACTAAGTGATCTCCGGAGTCCCTTCCAACCGTGATGATTCTGGGAGTCTGTGATAAGT-----CTGTTTTTAATAGA 28676
GoldenEagle   -----T-----CTGTTTTCAGTAGA 32382
JapaneseQuail -----CTGTTTCTAGT--- 26510
MediumGroundFinch -----CTATTTTLAGTAGA 14595
GoodesThornscrubTortoise ATGACCCTTGGCATCTTGCTGTTTCTGCT-----TTTGTG--TCA--GAAGACT-----TTGTTCTGATAGT 55748
    
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Majority      ATAGGACAATTAGCAAAAGT---AAC-----GTGGTGACCTTTTTTATACAAATTATTGGGAGAAAAAAG-GACT-
              61050   61060   61070   61080   61090   61100   61110   61120
Human         ATGCTCTCGATCTTACAGATTGCTGTTCCATTGCTAATACTATTTTTTCTCTTCATCTCTTTATGCCCAACTTCTGCTTC 60515
Kakapo        ACAGGAAGATTAGCAAAAACCTAAACCA-----CGGCAGTGACCATTTTCATACAAATTATTGGGGGAGAAAAGAGACA- 28749
GoldenEagle   ACAGGAAAATTAGCAAAAGT---AAC-----GTGGTGACCATTTTGTACAAATTATAGGGGGAGAAAAA-GGCA- 32447
JapaneseQuail A-----CAGAAAT---G-----TTTTGTTTTTTTCCAAT---AGGAAAA----- 26544
MediumGroundFinch ATTGAAGAATTGGCACAAGT---AAC-----ATGGTGACCAATTAATGCAAACAATAGAGAGATAAGA--GACT- 14659
GoodesThornscrubTortoise G-ATAACATCCATAAGGAGGGTTGCGGG-----CACTGATGACCTCTTATACACAATTCTCTAAGGACAAAGTGATT- 55820
    
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Majority	--TCAACTTACCACAAGTCAGATGA-----TTGTTTTAAGGTTAATTTTTT---ATGTTTCCTTTTTGTTG-----	
	61130 61140 61150 61160 61170 61180 61190 61200	
Human	TCTTTGTCTTTCAAGTATCAGTTTAGAAGCCTCTTCTGAGATAAGTCTTCTGTAACATTTCAACTAGATTAGATCCCTT	60595
Kakapo	--TCATCTTACCACAAGTCAGATGA-----TTAATTTAAGGTTAAT-----ATGTTTCTTTAAGATG-----	28805
GoldenEagle	--TCAATTTACTACAAGTCAGATGA-----TTGTTTTAAGGTTAATTTCTT---ACGTTTCTTTTTGGTG-----	32508
JapaneseQuail	-----TTAGCAAAAT--AGTGA-----T-GTTGCAAAATAAAT-----TTTCCT-----	26581
MediumGroundFinch	--CAAACCTACCAGAAGTCTGATGG-----TTATTTTAAGATTAATTTCTT---ATGTTGCATTTTTGATG-----	14720
GoodesThornscrubTortoise	-T---CCTACCACACCTGAAATTT-----TTG-TGTAAAGTGGTTTCTC----AGTTTCATTTGAATCG-----	55875

Majority	----TTACAAAAGACAGTGT-AAGTACCAATTT--A-TTTCTAATACTTGTATTTTTTTTTATG-A--GTAGGTGCCTA	
	61210 61220 61230 61240 61250 61260 61270 61280	
Human	CCTTTCTTAGTCTCAGTATCACACATAAAATTTATAATTTGTTAAATGTGTATATTTCTGTGCGACTGTAAGTTCTGA	60675
Kakapo	----TTAAAAAAGACAGTGT-AAGTGTCTGTCT---T-TGGGTAAGGCACGTAGATAGTAAATGAAGAGAAGCTGCGTG	28876
GoldenEagle	----TTACAAAAGACAGCGT-AAGTACCAAGTTA-CAGTTCCTGTGCTTGTGTCTGTCTTAGGTAAGGTACATAACTA	32582
JapaneseQuail	-----AATGT-GATGACCTTTTT-----TATTTTATTTCAAG-----A	26613
MediumGroundFinch	----ATACAAAAACAGTGT-AAGTGCCAAAT--AATTTCTATTAATGTGTCTCTATTAGG---ACATGTAAATA	14788
GoodesThornscrubTortoise	---GT-----CAGTAT-ATTTACCTATGTT---CTTCTCAAAGCTGCATTCACTCAATACAT--TAGATGTCAG	55936

Majority	GTG--ATGTCATAGCTGTTATC-G--G-TTTGA--AAGCAATTTCCAGGGTATTCTGTTGAGAGAC-----ATTTCCGGTTC	
	61290 61300 61310 61320 61330 61340 61350 61360	
Human	GTACCATGTCTGCTTTGCTTTCTGCTGTATTTATTAACATTGACATTCAGGGTGAAAATCAGAAGTCATAGTAACAATC	60755
Kakapo	GAG--ACCTCAGAGCAGCTTCCAG--GGTCTGA--AGGGGCTACAAGG-ATGCTGGAGAGGGACTCTGCATCAGGGACT	28949
GoldenEagle	GTA--AAATCATAGCCGTTACC-----TTTAA--AAACAATTTCCAGGGTAATCTGTTGAAAGGC-----ATCTCCGGTTC	32647
JapaneseQuail	TTG--TTTTCAAT-CAATCATC-----TTTGA--AAG---TG-----TCT-----GTTT	26649
MediumGroundFinch	GTA--AAGTTATAGCTGTTGCC-----TTTGA--AAGCAATTTCCAGGGTAATCTATTGAAAGAC-----ATTTTGGTTC	14853
GoodesThornscrubTortoise	GTG--ATGCTAGCCTTCTATCTG--GACAGGACTAAACCATTTCT--TCTCTCACCTGTTTCTGTCATGTGCAGATC	56009

Majority	ATATCAA---GTAAAGTGT---TGATT--TTCCTATTGATCTTTCTAAA---CATTTTAG---TTCTTA--TAGAATCT	
	61370 61380 61390 61400 61410 61420 61430 61440	
Human	TTAATTATCAATAAAAAGTAT-TTTATGCGATCCTCATATTTATTAAGAAAACACCTTAATACCTTTCA--GAAAATCT	60832
Kakapo	GGAGCGACAGGACAAGGGG---TGATGGGTTCAAACGAACCAGGGGAAGTTCAGGTTAG---ATCTAAGGCAGAAGCT	29022
GoldenEagle	AGATCAA---GTGTAGTGT---TGATT--TTCCTATTGATCTTTCTAAA---CATTCAG---TTCCT---TAGAATCT	32709
JapaneseQuail	ATGTAAA-----TCC--T-----AAA-----TG-TAG---TTTTT---TAGAA-C-	26679
MediumGroundFinch	AGATCAA---GTATAGTGT---TGATT--TTTCTGTTGGTCTTTCTAAA---TAGTCTCG---TTCCT---TAGAATAC	14915
GoodesThornscrubTortoise	ATATGAAGGACAAATGGTCTCTTACAGACAATCTCTAAATGGATAACATCCCATATCAAGACTGCTTATGAAAAAAT	56089

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Majority      TTTGCTTTT-TTGGTGCTAAGGGT--TTGTCAAAGGTTGAGCGTCGATTCTCTTTCTATCCCATCCCT-ATAGTGTTCA-
              61450      61460      61470      61480      61490      61500      61510      61520
Human         TGTTATTTTATTGGAAGTAGTGTATTAGGCAAAGATGCGTCTTCTCTTGGCTTTCTAATTCAGCTTTTATAATGTTGAG 60912
Kakapo        CTTCCTGTGAGGGTGTGAGGC--GCTGGCACAGGGTGCCAGAGAAGCTGTGGCTGCCCCATCCCTGGCAGTGTTCAA 29100
GoldenEagle   TTTGATAGTTGTCTGCTAAAGGTACTTTTTAAAAATTGAGGGTTGGTTTTCTTTTTTCCCCCACAAAATGTCAGTTAT 32789
JapaneseQuail ----- 26679
MediumGroundFinch TTTGAT----- 14921
GoodesThornscrubTortoise@TTGGCTATGCCTCCTCAGAGGGTTCAAGCTCATTTGATGAGAGCCCAAGCAAAGTCAATAGCGTTCCTCAGTGCTGTCTC 56169
    
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Majority      GAA-ATGAT-AATTGAAGGGCTT---TATCTACTT-TTCAAATGTAGAGTAA-GCTT-ACATGTGTCAGC-TTT-CACT-
              61530      61540      61550      61560      61570      61580      61590      61600
Human         GAATATAAATACTTGTATGCATAAAAAATATCAATCTTTTTAATAGTATAATAAGACATATAATGTAATCTCCTTTTCACCT 60992
Kakapo        GGCCAGGTTGGACACAGGGGCTTG--GAGCAACCTGCTCTAGTGGAAAGGTGTCCCTGCCATGGCAGGGGGTTGGAACT- 29177
GoldenEagle   AAAGAAAAGAAAAATAAATACCTT--CATTTACTTCTGAAAAAATAGAGTAGAGGTTGAATTCTGTGACACATACAGT- 32866
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14921
GoodesThornscrubTortoise@AATATTGGACATTTGCAGGGCTGC--TATATGGTCATTATATACCGATTTTATGAACTACACCTGTACATTGTCTGAA- 56246
    
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Majority      -GGATGTACATACTGTTTTTCTCTATCTCTTACATTGT-GTACTCT-ACGTTGGCTG-CGTCTTTAGTGG-ATTGTTTTT
              61610      61620      61630      61640      61650      61660      61670      61680
Human         GGGATTTAAAAATTGTTTTTACATAGTCCTTACATTATAACACACATAAGTAGGAAATGGTTCCTTTTGGTTTTTGTAT 61072
Kakapo        -GGATGATCTTAAGGTTCTGTCCAACCCAAACCAGTCTGGAATTCT-ATGATAGCTGCTGCCTTTAGAAACAATAGTAAT 29255
GoldenEagle   -GGATGGACATACTCCCTTAAGCTTTCTCTTACATTGTCTTTCTCTTACATTCTCTGGCTTCTGTGGTGGTACTGTTTTT 32945
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14921
GoodesThornscrubTortoise@GTGGCTCACCCTGCAAATTACTATCTCAGGGCTGGCTGTCAGAAAACGAGGGCAGACACCCCAAACGG-GTTGTACTA 56324
    
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Majority      TTG-TTCA-GT-TTCA----TTTAACTT-ATGTGAAGTATTGATTTTTCAG-----TTTATGCATCGAGTCGTAT-AATG
              61690      61700      61710      61720      61730      61740      61750      61760
Human         TAGAAACAGCTTTTCAGAAACATGTCTTTATTAGGAATATCTTTAGTTGACACTGGACAGTATATTGTGTCTTCTGGAAG 61152
Kakapo        GTG-TTCAAGGACGCTTGGTTTCAGATT-AAGTATAGTATTGATTTTCTG-----TTGATGCTTCTAAACGTTTCAGTT 29328
GoldenEagle   GTACTTCACGTGTTACCTTTTCAACAT-ATAGAATGTACTGACTTTTCAGCAGTTTTTATGCCACCATAACGATTAATA 33024
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14921
GoodesThornscrubTortoise@AATTAGATTACCCAAGCCAGTAACAA-ATGTGAGCTTCTAGCTCACTATTCCAGTGTTACCATGGAGTCACAGACAAG 56403
    
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Majority      TCCTGTTTTTCATGT-CT-CTTATCTTGCCAAACA-ACTTTTTGTTAATTGTGATTTATTTTTTTTAAACCTTACATGTC
                61770      61780      61790      61800      61810      61820      61830      61840
Human         TCCTGTTTTATATGATCATTTTTATTTTAAACATATAAGTGGGTGTTTCTTATCTTTTATTTCTTCCAGGAGATTCCATTTTC 61232
Kakapo        CCTCAGAATCTTGTGATAGTTTGGCTGCTAAAGGTACTTTTTTAAAACTGAGATTTTTTTTTTTTGTCCCAAATGTC 29408
GoldenEagle   CCCAATTTTAAACATAATTCCCAGTCTTTTCAGTCTCTATTTTCTTTAATTTAGAACGAAATAATATAAATAGGTACTTGGC 33104
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14921
GoodesThornscrubTortoise@CCTGTTACCCTCTCCAGCCTATCTTGCCAACCAGACAAATTGAACTTTGTGATTAAGTTTATTTAAACCTAAAATCAC 56483
    
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Majority      AGTAC-ACAGGATAATAAATATCT-TATGAGACCTA-TATTAACCGCAGAACGGTTGGATCTTCT-TTTTTTCTCAGGA
                61850      61860      61870      61880      61890      61900      61910      61920
Human         ATCACTAACTGATAATAAAAAATAAATATGAGATAAAACATTTGCAGCAGTAAGATTATGTCATTCATTTCTTCTCACAG 61312
Kakapo        AGTGATAAAGAAAAACAAATACCT-TCATTTACCTAGAAAAAAGAGAATAGAGGATGAATTCTGTCTGCACATCTATGGA 29487
GoldenEagle   AGTAA-GCACTCTAACTAGTATCT-TATGAGGCATTCTGTAAAACACAAGACAGTTGGATATCTTTTTTCTGTAAGGA 33182
JapaneseQuail ----- 26679
MediumGroundFinch -----T----- 14922
GoodesThornscrubTortoise@CCACATCAGGTTTCTCCAGTCC-CAAGAGACCAGTTACTCACCTAGATCAACTGGTACTCCAGACCTTTCACCAAAC 56562
    
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Majority      AGAATA-AGTCCTTTAAGAAG-TTCTT-TAGACTTCTA-TTTTATTTTTTTATGCTAAATACTTAGGTATTGATTGTCTT
                61930      61940      61950      61960      61970      61980      61990      62000
Human         AGTACACATTGCTTTTATGCAGATTCTTTGAGAGACCTAATGGAATTATCCTTTGCTAATTTCTTGGGCAAAGATTCTCCT 61392
Kakapo        TGGACATAGTCCTTTAAGAAGCTTTCCCTTGCAATGTCTCTGGCTTCTGGGCTAAAACCTTTTTTGTACTCCATGTGTC 29567
GoldenEagle   AAAATAAAGGTGGTGCAGATATTGCTTGTAGACTGCCTTTTTTATTTTTTTATGCTCAAACCTAGGTTTTTTTTTTTT 33262
JapaneseQuail ----- 26679
MediumGroundFinch -----TATTTTTATA----- 14932
GoodesThornscrubTortoise@CAATGGTCACAGTCAATTCTGTAGTAAACTGCCTATAGATTTATTTGCTAAGAAAAAGAATGAGTTATTGAGAGGCTA 56642
    
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Majority      TGACATGTAATTG-TAAGCATTGTCTTTCTTTTCAATTCCTTTTGATAGTGACTTTTT--CGAAATCAGTA--TATAAAG
                62010      62020      62030      62040      62050      62060      62070      62080
Human         TGACATCTGCTTAATTTACAATCTGTATATTTTACATTCATATTAATGGAGAATTTATGATGAAATCAGTGGTTTTAGGA 61472
Kakapo        CACCTTCTCAATGTAGAGGATGGGCTCACTTTTCAACAGCTTTTAATACACATTAATA--CCCAATTTGAACATAATCCC 29645
GoldenEagle   TAATCTGTATTTG-AAAGCTTCTCATCCAGCCAAATTCCTTTTGAAATTGTCTTTTT--CTGGATGATCAAGCAGGAAG 33339
JapaneseQuail ----- 26679
MediumGroundFinch -----GC--- 14934
GoodesThornscrubTortoise@GACAGGTAAAAAATAACAAGTGCAGTTGTAACTCCAATGGTGGCAGTGACGTAAT--AGACACCAGTTCCCAAAG 56720
    
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Majority      TGCTTTAGGGGTCTCCAT-TTAATACTTG-GAGTTGAGTTATATGAT-----TAAGTA-TTGG-C-AAGGTATTAT-TTA
              62090      62100      62110      62120      62130      62140      62150      62160
Human         TGCTTTAGGAAAATCTGCATAATCTACCAGGGTGGGGTTATTTGATATTGGTAAATAATTAGTCTGAAGTATTACATTA 61552
Kakapo        AGCATTCCAGGTCTCTATTTCTTTAATTTCAAGCTAAATAATAGAAA-----TAGGTACTTGGCAGTAAGTATTCTGTTA 29720
GoldenEagle   ATGTGAAGAAGTCAGGATGTTAGTACATGTAAC TGAAAGGTAGGAT-----AAACAAGTTGGAGAAAGGTGCAAATATC 33414
JapaneseQuail ----- 26679
MediumGroundFinch -----GAT-----TA----- 14939
GoodesThornscrubTortoise@CTTTCAGGGCTACCCAGAATAACTCTGGGGAGCTCCGTTTTCTCAT-----TCAGTTTTTCTGCCATGTTAGAATCCAA 56795
    
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Majority      -TAGTATAAACATAG-----ATTGAT-A-AATG-TGTTT-TCTATG-TTT-CTATATAC-GACAAGTC-ATATAAATAG
              62170      62180      62190      62200      62210      62220      62230      62240
Human         GTATTATAAGCTTAATTTTGTGTTGTTGATTTTGATAATTTTTCATGACTTGCCAAATATTA AAAAGTAGATATTTAAAG 61632
Kakapo        CTAGTATCTCCAAGGCATTCTATACACACAAGG-TGGTTGGCTATTTCTTTTTCTGTAAGGAAAAATAAAGGTGATGCA 29799
GoldenEagle   TTAGCTGTAAAGAAG-----ATAGAAAAAAATG-TGTTTAAACCAAGGGTACTTTAAACAGCCAGGCCTTTAGAAATAA 33487
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14939
GoodesThornscrubTortoise@CAGTCTAGAGATACAGGAGCCTTTCTTTGAATT-CATATCTATATCTTCTCACAGAAGCCACCCCTCCACAGAGCTGG 56874
    
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Majority      GATCTGGAAGGTAAGCTTCATTTAGATATGCCATTGTG-TTATCTCCGGCAGTGTAGCTAGGAAGAT-AATT-TAGTTGG
              62250      62260      62270      62280      62290      62300      62310      62320
Human         AATTTGGAAGTTAAGGTTTCTCTCAGTGTGTGTTAAATCTGATCCCCAACAAATCTCTTCAAAAAAGTAAGTTATCAATAG 61712
Kakapo        GATGTTGCTTGTAGTCTTCTTTTGGATTGAAATTGTCTTTGTTTCTGGATGTTCAAGCAGGAAGATCTAAAGAAGTTGG 29879
GoldenEagle   TGACAGTAGGGAAAGTTCATTAAGCTATGCTATTCTGAATTTCTCAGAAATAGTAGCTTCCAAGATTATTTTGTAGTTAT 33567
JapaneseQuail ----- 26679
MediumGroundFinch -----CCA----- 14943
GoodesThornscrubTortoise@AGCGCAGACGGTAGCGGGGCCACACAAACGCTGGCGGCCAAGACCTGCAGCGGAGCTGGGGGCTGGGACCCCTGGCGC 56954
    
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Majority      GTT-TCAT--GTGGAGTTGAAA-AGTTTTGTTTAGGCTTATGATGTGCCCTTTC--TTTTCA--T-TTATT-TGCTGCT
              62330      62340      62350      62360      62370      62380      62390      62400
Human         TAAACGATGAGAAAAATGGAAATAGTTTTATTTTGGCTTTTCATGTTTTCAGTCCATATGCAGTGTTCATTGTGCTGCT 61792
Kakapo        GATTTAGTCCATGGAAGTGGAA-AGATAAGATAAAAAATATGAAGAGGAGTGCAAGTGTCTT--AGTTATAAAGAAGAT 29955
GoldenEagle   GTACTCAG--AATGAGTTGACT-CTGAATAAATAGATTCAAAGGGACCATTTAAATTTTCA--TCTCAGCTTTATAAT 33641
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14943
GoodesThornscrubTortoise@ATTGCCAGGAGTGGAGCTGTGG-GGTCTGGTCCGGGCCAGCTCTGCCCTTC--CTCTAA--CATTACTCCGCACCC 57028
    
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Majority      TCTATGAAGCTTTTTATCCTGATTGACGTT-GCA-ATTTTGATTA-GGTGTTTTA-TT-TAAATTTAAAATTTATATCAA
              62410      62420      62430      62440      62450      62460      62470      62480
Human         TTAATTATGCTTTCTGTGCCTAATATCTTTCCTGTGTTTTGATTTCCATGTTTTAGCCATAAACTTTAAATTTACATGAA 61872
Kakapo        TAAAAAAAACCTTTTAAACATAATGAAAGTAGGCAAAGTCCATTAAAGCTGTTTTATTC-TGAATTCCTCAATAATAGCAG 30034
GoldenEagle   TCTATGAAAATCCTTTTCCTGTGAGACATCAGAACACTGTGAGAGGAGCATTTAAACT-CAGATTTAAAACAAACATCTC 33720
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14943
GoodesThornscrubTortoiseCTGGGGGGCACACCACAGATTGAAGATTTCTGATATACATAATGGCCACTTGCTT-GAAATTAACTTTTTCTGTAA 57107
    
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Majority      ATCCCTTGTTTCTTTTTGTTTCTGTTCCTCAGGATGA-TTTGCTCTGTGAGTAAGT-TGTATGGGTAATTTTCA-TTAATT
              62490      62500      62510      62520      62530      62540      62550      62560
Human         AACTTTTTTTTCTGATTGTTTTTGCTTACTGTCTAAACCTTCACTGTGAGTAGGCACATTTGGAAGGTCTTCTGCAAAT 61952
Kakapo        CTTCAGGACTGTTTTAGTCTGTGCTCGGGATGAGTTGGCTCTGAAGAAAAC-TAAATGGTCCATTTTGAATCTGTT 30113
GoldenEagle   GTACCTTGTTTCATACAGTATCTAGACTCAGAAGGATTGAGAACAGAGTGACCTC-TGTAAGTGAATTTCTCT-TTAATC 33798
JapaneseQuail ----- 26679
MediumGroundFinch -----C-----CCT----- 14947
GoodesThornscrubTortoiseAGCCCTTAAGTCCTTCATTAGCATTTCACAAGATTTCTTTGATGTGTAATTTAGT-TGCAAGAGTATTTGCCATCTAAAT 57186
    
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Majority      TTTT-CCAGTTCTTAATGCCAGGTATAT-T-TTCAACACAGTCATCGCAACATTGAG-AATATTTAAA-G--TT--AAT
              62570      62580      62590      62600      62610      62620      62630      62640
Human         TATCTTGAGCTTTTAAATGTCAGAAATCTTTGCTCCAACAAGATCACCACATTCCTGATTGCTGAACCACAGGACT--GGT 62030
Kakapo        TTCTCTCAGCTCTTAATTCCATGTAAATCCTTTTCCTGTGAGACATCAAACACAGAGGAGCATTTAAACTCCTTTAAAC 30193
GoldenEagle   ATCAGCCTGTCATAAATGCATGGTTTTAGTCTTTCTGCACAGACATGGCAACATTTAGAAATAAATGTATGTTATACTTT 33878
JapaneseQuail ----- 26679
MediumGroundFinch -----C----- 14948
GoodesThornscrubTortoiseCTTTACTATTACGTTGTGACAGGTATAGATAAGTGAAAACAGTACAAGTAACTTTCCACTAGTTTCAATGAAGTTTAAAC 57266
    
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Majority      CTGTGTGTTCTCTGCTATTTTTTGTGAATTTACTT--AT-TGGCCTAGAAGTGAGAATG-CTTTTATTTACTTTAATT
              62650      62660      62670      62680      62690      62700      62710      62720
Human         TTGTGTGCTACTGCTATTTCTTGGGATTTTGCAAATACATGAGCTTGAAGTGAGCTTGCATATATTTTTTAAATTTGATT 62110
Kakapo        CAACCATTTCTTACCTTGTGTTTGTCTGGTATCTGGACTGAGGAATCGAGATGACAGTGACCTCTGTAATTTCTTTAATC 30273
GoldenEagle   CTGAATGTTGCAGCTGATCTTTTAAATTAATTTCCATTTTGCAAAAATAAGAAAAAAGCTTTACATACTGCTCAAATGT 33958
JapaneseQuail ----- 26679
MediumGroundFinch ----- 14948
GoodesThornscrubTortoiseATCTGAATACATTCTATACATTACGCAATTACTTTGATCTATCTTAATAGAAAGTAAATGGCCTGAATACACTCTTACA 57346
    
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Majority	TTTAAACAATGCTTATTTGTGTATG---ATGCTAACTAT-TATTTTGAATTTATGGATTAATATACTCATA-GCCATAAG	
	62730 62740 62750 62760 62770 62780 62790 62800	
Human	TTACTCCCTTTCTTATTTGTGGTCACCTCCTTTAACCAACTATTTTAAAATACCTGGATTTTGTCTCTACACACCCTCAG	62190
Kakapo	ATTACGGGTTTAGTCTTTCTGCAC---AGACACTGCAA-CATTTGGAAAGGAAGAAATACTACATTTAGA-AAGAAAGA	30347
GoldenEagle	CTTAAAAAATGGCTATTTATATATG---ATACGAAATGT-TATTTTGAACTTGTGACAAAATACTCACT-GCCATAAT	34033
JapaneseQuail	-----TTTCTTGA AAAA---ATGCTCACTGT-TGTATTCGTTCTATAGATTACCCTTTTT-----TGAG	26734
MediumGroundFinch	CC--AAA--TGACTACTTAGGTATG---ATGCTAGATAT-TATTTTGAAGTGTGTTGACAAAATACTC-T-----TAAG	15013
GoodesThornscrubTortoise	@CTAACAATCGCTTTTGGGTACTGC---TTGTGAGTCACCTAAATGGAATACATGGCTGCATGTACTCAAG-GAAGAAGA	57422

Majority	AATTT--TATAGAT----TATATCCTTATATGCT-----TCCTGTATTCCTTC-----GTGTATTCACAT	
	62810 62820 62830 62840 62850 62860 62870 62880	
Human	CTCCTATTTCTTTCCCTTTTTGCCAACAGATGATTAATTTACATCTTGTGTTGCTTATTTCTCTAGCTCTTGTACCTTAGG	62270
Kakapo	AATATCATATAGAT----TTTATCCTTACATGGTGA---TGTT-GTCATGTATTCCCTTC-----GTGTATTCACAT	30410
GoldenEagle	AATTT--TACAGAT----TATATCCTTATTTGCC-----AATGTATTCCTTC-----AAGTATTCACAT	34086
JapaneseQuail	AATGT----TAAGT----CATGTACAT-T--CCT-----TCACTCCATC-----GTGTGTTTACAC	26779
MediumGroundFinch	AATTT--TAATATT----TACCATTTTTTTTAGT-----CCTGTATTCCTTC-----ATGTA CTACAT	15066
GoodesThornscrubTortoise	@AATTTT-TAAAGATGTGATGCAGACGTGATTCAC--GACCCATCCTACGTCCCTCTGCATTGGAGTTTAGTCTCTG	57498

Majority	TA-ACTTTTGTGGAATGAAAT--ATGATGTATAAGCATATATGGATAGTGTGACAAGGGTTCATATGTTAAAATTG-AC	
	62890 62900 62910 62920 62930 62940 62950 62960	
Human	TATACTTCTGCATCTTCCACCTACATAAAGTTTTTGTGTTTTGTTTTAATGTTTCAGAGGGA--AAATTTCAAAGGGT-CC	62347
Kakapo	TA-ACTTTAGTGGAATGAAAT--ATGATGTATAAGCATAAATGGGTAGTGTCTAACAAGGGTTCAGATGTTAAAAC TG-AC	30485
GoldenEagle	TA-ACTTTTGTGGAATGAAAT--ATGATCTATAAGCATAGACGGATAGTGTCTAACAAGGGTTCATATGTTAAAATTG-AC	34161
JapaneseQuail	TA-ACTTCAGTGCAGTGAAGT--ATGATGTGTAATCATATGTGAATAGTGTCTTCAAGGGTGTATGTTAAAAGTA-AC	26854
MediumGroundFinch	TA-ATTTTAAATGGAATGAAAT--ATGATGTATAAGTATGTATAGACAGTGTGACAAGGGTTCATACGTTAAAATTG-AC	15141
GoodesThornscrubTortoise	@A-TGTTCTTTGCAAAGGAACTGAGGGAAGTTGAAGCAACACCATCTCATATAGCCAGGAG--AGGCATTATAGCCACAG	57575

Majority	TTCACAAGTTTTGGTTCTTTGGGTTA--TACAGTTTAA-ACTTTTCCAGTC--ACTTTAAGGAGTG-----AGTTTTA	
	62970 62980 62990 63000 63010 63020 63030 63040	
Human	TGGAGGGCTTTCTAACAATTTGGCATATTCATTGTTAGATAAATTTGGCAGTCGGACCTCAGTATTGCTGGGAAAGAATTCA	62427
Kakapo	TTCACAGATGTTGGTTCTTTTGATTA--TACAGTCTAG-CCCTTTCCAGTC--ACTTGAAGGAGTG-----AGTTTTA	30553
GoldenEagle	TTCACAAGTTTTGGTTCTTTGGGTTA--TACAGTCTAA-ACTTTTCCAGTC--ACTTTAAGGAGTG-----AGTTTTA	34229
JapaneseQuail	GCCACAAGTTTCGGTTCTGTAGGTTG--CACGATTCAG-CATTCTCCAATC--ACTTAATGACATG-----AATGTTA	26922
MediumGroundFinch	TTCACAAGTTGTAGTTCATTGTGTTA--TACAGTTTGA-ACTTTTCCAGTC--ACTGTAAGTATTG-----ATATTTA	15209
GoodesThornscrubTortoise	@GCGCGAGCACCATCCCTTTTGGAGTAC-TGCTAGGCAA-AATTCTCCAGCT--CCGGTGTGGTGGGCATGCACACACCTA	57651

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Majority      AATTGCTATG-TGCTTCTTC-----TGTGCTTACAGAAAGAGTAGGAAATAATT-----ATGCA
                63050      63060      63070      63080      63090      63100      63110      63120
Human         ACTCCTAAAAAAGTCTAGTG-----TGTGTTTAGTAATTTTGTATCAGCACCTTTAGCATTAACTAGATACTGTGACTCA 62502
Kakapo        ATTCCCATG-TGCTTCTCC-----TGTGCTTACAGAAGGAGTAGGAAATAATT-----ATGCA 30605
GoldenEagle   AATTGATATG-TGCTTCTTC-----TGTGCTTACAGAAAGAGTAGGAAAGTAGTT-----ATGCA 34281
JapaneseQuail AATTG--GTG-TGCTGCTTC-----TGTGCTTGCAGATAGAGTAGGAAATAATT-----ATACA 26972
MediumGroundFinch AATTGATATG-AACTTG-----T-----ATAAAGAGTAGGAAATAATT-----ATGCA 15250
GoodesThornscrubTortoise AGTGGAATACTGCTGCATCACATCTCGAACCACAGTAACAGTAAGAAATTGTTTGTTTTAAAAAATTGTCTTAAATAGA 57731
    
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Majority      ACTCGGCCAAATATCTGACCAGCTTGAAAGTTGTGTTTTTCATACATTAGGGAAAAAA---AGAACCTGATTGTTATCAA
                63130      63140      63150      63160      63170      63180      63190      63200
Human         AACCAGCTCTTTTCTCATAAGGTATCATTTTCTCT-TTGATAACATTGAAGTAGTCACCTAAGAGTGAATTTTGCTACT 62581
Kakapo        ACTTGCCCCAATATCCGGCCAGCTTGAAAGTTACATATTTTCATACATTAGGGAGAAAA---AGAACATGGTTGTTACCAA 30682
GoldenEagle   ACTCGGCCAAATATCTGACCAGCTTGAAAGTTGTGATTTTTCATACATTAGGGAAAAAA---AGAACCTG-TTGGTATCAA 34357
JapaneseQuail ACTCAGCCAAAGGCTGAACAGCCTGAAATTTCTGTTTTTTCGTACGCTGGGGAGGAA---AAAAAC--ATCTTTATCAA 27047
MediumGroundFinch ACTCAACCAAGTATCTGGCTATCTTGAAAGTTGTG--TTTCATGCATTAGGGAAAAGA---AG-----TGTAATTGA 15317
GoodesThornscrubTortoise @CTTTTTTCATCTGTCTTTTAAATGTTGATGCTGCTTTTGTTTAACAGTAGAACAAAA---ACATTCTACTAGAACACTG 57808
    
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Majority      AAGATATTTTTATAG--TTACAGTAATT-AATGTTAAATGTAGAGGTAAA---TTTTGTTTTCCCAACTGGTGTTCACCA
                63210      63220      63230      63240      63250      63260      63270      63280
Human         TATCTTTTGATATTTATCTATTGTGTAGAAACATCAGTTCTATTACTTAT--CTCACATTTTCCCTATAGGAATGCTACA 62659
Kakapo        AAGCTGTTTTTACAG--TT---GCAGT--ACTGTTAAATGTGGAGGTAAA---TCTTGTTTTCCCAACTAGTGTTCACCA 30752
GoldenEagle   AAGATGTTTTTACAG--TTACAGTAATT-AATGTTAAACATAGAGGTAAA---TTTTGTTTTCCCAACTAGTGTTCACGA 34431
JapaneseQuail AAGGCATTTTTATGGAATTACAGTAATT-ATTGTTAAGTGCAGAGTTAAA---TTTTGTTTTCTCAGCTAGAGTTCATCA 27123
MediumGroundFinch AAGAGATTTCAAT-----GTAATT-AATGTTAAATGTAGAGGTAAA---TTTTGTTTTCCCAACTGGTGTTCACCA 15384
GoodesThornscrubTortoise @AAATACTGTGATCC--TTGACATAACCTCTTTTTACATATATTTTAAATGCCTTCTGTTTATCTTCTGTCTCTCTCTA 57886
    
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Majority      --GGTCTTT-----T---TTCTTTCCCCCCTTT-ACTTTCCTTATTCA-TTGAT--TTGTTTCAGTATGAGG
                63290      63300      63310      63320      63330      63340      63350      63360
Human         TTAGTAAATGAATACCTATCTTCAGTGCTTTCTTCACCTTTACACCAGGGTATTCAATTAATAGTTATGTTATTCTGGCT 62739
Kakapo        --GGTCTTTGTGTTTTTTGTTTTGTTCACCTTTACACCAGGGTATTCAATTAATAGTTATGTTATTCTGGCT 30827
GoldenEagle   --GGTCTTT-----TTCCCCCCCCCTTCGACTTTTCTTACTCA-TTGAT--TCGTTTCAGTATGAGG 34490
JapaneseQuail --AGTCTTT-----AATC-----GTTCCTTATCAAATTGAT--TCATTTTCAGTTTGAGG 27168
MediumGroundFinch --GGTCTTT-----TTTTTTTCCCCTC----CTTTCCTTATTCA-TTGAT--TTGATTTCAGTATGAGG 15438
GoodesThornscrubTortoise -ATGCCTCTTTACAAAGAATGCTTTATGTGGTTTTAACTTTTGCCAACCTTACAGTATAT--CTGCATTAACCTGAG 57962
    
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Majority	AATATCAT-GTAAGTTGTGAGATATGAAATTTTGTAGTAGCTCTGATACCTT---TAAAATAA-TGCAGT--ATGTATTA	
	63370 63380 63390 63400 63410 63420 63430 63440	
Human	GATAAAGTTGATTGATACATGGCTTCCACTTTTATGTGATGATAGGTACCTTGCCTAACCCAAATGTAATTCAAATCCTG	62819
Kakapo	ATTATCAT-GTAAGTTGTAAGCTATGAAATCGTGTCGTAGCTCTAATACCTT---TAAAATA--CGCGGT--ATGTGTTC	30899
GoldenEagle	AAGATCAT-GTAAGTTGTGAGATATAAAATTTTGTAGTAGCTCTAATACCTT---TAAAATA--TGCAGT--ATGCGTTA	34562
JapaneseQuail	AGCATTGTTGTAGGTTGTGGGATGTGAAAC--TGAGGTAACCTCTGATACCTC---TGAAATAA-TGCATTG-ACTTACTC	27241
MediumGroundFinch	AATATCAT-GTAAGTTGTGAGACATGGAATGGTATAGTATCTCTAATACCTT---TAAAATA--TGCAGT--ATGCATTA	15510
GoodesThornscrubTortoise	ATAAATACCAAGCAGCATGGAACAGGTTGATTCAGTAGATCTGACAAACT---GGGTCCCA-AGTTTTA-CTGCACTA	58037

Majority	ATATGGTGGTTATTATTTTTA-----CCTGGCA-TGCTCACTTGTCTCTGTT-GTTTTGTATTGTTTTGCTTCCTAAGGC	
	63450 63460 63470 63480 63490 63500 63510 63520	
Human	ATGTGTATGAACTCTCTTTCAGTT--TTTACCAGTGCTGTATTGAAGTGGATGAATCTGTGTTGAATTATTTTCTAGGTT	62897
Kakapo	ATATGGCGGTTATTACTTTTTA-----CCTGGCA-TGCTCACCTGTCTCTCT--GTTCTGTATCATTTTGCTTCGTAAGGC	30971
GoldenEagle	ACATGGTGGTTATTATTTTTA-----CCTTGCA-TGCTCACTTGTCTCT---GTTTCGTATTGGTTTGCTTCCTAAGGC	34632
JapaneseQuail	GAATGGTCGTTACTCGTTTTG-----CCTGGTG-TGCTCACTT-T-----GTTTTGTATTGTTTTGTTTCATGCGGC	27306
MediumGroundFinch	ATATGATGGTTATTATTTTTA-----CCTGGCA-TGCTCACTTGTCTCTCTT-GTTTTGTATTGTTTTGCTTCATAAGGG	15583
GoodesThornscrubTortoise	AATGCTACTATAAATCTCCAGGTATTTTGATA-TGCAAAATTTTCTAGGT-AAGGGAATTTCAAAGCTTCAGGAAT	58115

Majority	TACTGTAA--TGA---AAGTATTAATGGAACCCCT--TT--TTTTA--CTGCAC-TTTTTTTTCTCAGGAA--AAGAC	
	63530 63540 63550 63560 63570 63580 63590 63600	
Human	AGTTTTTAGGTAGGTAGATTAGTCCATAAAAAAATTCGTA-TATTAAGAGAAAAGGTTTTATATCCCAGAGGTGAGAAT	62976
Kakapo	TCCTGCAA--TGA---AAGTATTAATGGAACCCC--TT--TTTC---CTGCAC-TTTTTCTTCTCAGGAA--AAGAC	31035
GoldenEagle	TACTGTAA--TGA---AAGTATTAATGGAACCCC--TT--TTTT---CTGCAC-TTTTTCTTCTCAGAAA--AAGAC	34696
JapaneseQuail	TGTTCTAA--TGG---AAGTAGTAACGGAACCCCT--TT--TTTTCACTCAGTACGTTTCTTTTTCTCAGGAA--GAAAG	27375
MediumGroundFinch	GACTGTAA--TGA---AAGTATTAATGGAACCTC--TT--TTTT--CTGCC-TTTT---TCTCAGAAA--AAGAC	15644
GoodesThornscrubTortoise	GACCTTTA--TGAGCTACATAATATGTTAATCTTAATGGTTTTTAAACTAAATACTTTAGTTTAAATGGA--CAAAA	58191

Majority	ATCTGATC-----TTTCTGATACTTT--CAGTTTGGC-----AGTGGACGTAGTTACATAGATTTGTGTTTTT--	
	63610 63620 63630 63640 63650 63660 63670 63680	
Human	ATTTGAATTAAGCTTTATATACTTAAGCAACTGTAGA-GGTTTACTTTTTCCATAACACGACATGTTTATTCTTCT--	63053
Kakapo	ATCT-----TTCTGATCCTGT--CAGTTTGGC-----AGTGGAAAGTAGTGACATAGCTGTGTGGTTTT--	31092
GoldenEagle	ATCTAATC-----TTTCTGATACTGT--CAGTTTGGC-----AGTGGACGTAGTTACATAGATGTGTGTTCTT--	34758
JapaneseQuail	TTAT--C-----TTTCTGATACTTC--CAGTTTGGC-----AGC-----AGCTATGTAGACACATATTTTT--	27428
MediumGroundFinch	ATCTAATC-----TTTCTGATACTGT--CAGTTTGGC-----AGTGGAAAGTAGTTACATACATTTGTGTTTTT--	15706
GoodesThornscrubTortoise	GTGTGCTCACT--TTTATCAGACTTCAGCAGTTATGACCAAGCTATATTGTATATTATTAATACATTTTTCTCTTTTC	58268

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Majority      ----GTGATGTCATCATGTGGTT-----ACCTTTTGAATT-----TCTAAACT-----CCTGCTTG
              63690      63700      63710      63720      63730      63740      63750      63760
Human         -AATGAAAAGTTAACAGTATGTTACCTGTTCTCTAGTTTGTTCAGCTTATATCCAGCTGAACTAGAAATGGTGATTA 63132
Kakapo        ----GTGCTGTCATCATGTGGTT-----ACCTTTTGGATT-----TCTAAACC-----CCTGCTTG 31139
GoldenEagle   ----GTGATGTCATCATGTGGTT-----ACCTTTTGAATT-----TCTAAAAC-----CCTGCTTG 34804
JapaneseQuail ----GTGATGTCATC-----ATA-----AACCTTTGAATT-----TCTAAAA-----CCTGTTTC 27469
MediumGroundFinch ----GTGGTATCAT-----GATT-----ACCTTTTGAATT-----TCTAAAAT-----CCTACTTC 15747
GoodesThornscrubTortoiseAGGCATTAGATGGTCAAAATATTTATAATGCTTGCTGTACCCTACGGATTGATTTT--TCCAAACTGGTGAATTTAAATG 58346
    
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Majority      TGT--A-TAAAAACAATAAAATCC---ACCATACATGGA-----T--T--T---GAGGATTTT--GTTT
              63770      63780      63790      63800      63810      63820      63830      63840
Human         TATAGGAGCAGAAAAAGTACAAGATA--ATCATAGCGGTAACATAGTCC---TTTATAATTCATGATGATTTTTCACAT 63206
Kakapo        TGT----TAAAGACCCCAAAATCC----CCACACATGAA-----GAGGATTTT--GTTT 31184
GoldenEagle   TGT----TAAAAACCAAAATCC----CCACACATGGA-----GAGGATTTT--GTTT 34849
JapaneseQuail TGTTACA-TAAAAATAATAAAACCAATAACAACAGAAGGAAACAGAAGTG--CTTGTGTGGAAGAGGATTTTCTATTT 27546
MediumGroundFinch TGT----TAAAAACAAAAAAAC----CCATACATGGA-----GAGGATTTT--GTTT 15792
GoodesThornscrubTortoise@GAAGTA-CAACAATGATAAAAGTAGG-GACTATACTCGACCTGATCTTCCATCTGGTGATGGGCAACCAGCATTTGGACC 58424
    
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Majority      TTCTTTTTATTAAAGAGGGTGGATAACAGACACCAGTTT---GTTT-ACCTC---TCTGTGGATACTAC--TTTCTGAT-
              63850      63860      63870      63880      63890      63900      63910      63920
Human         ATGTTGTCTTTAATTTACTCCTCTTAATAAACCTTGAAG-AAGCATGACAGCCATTGTCATCATTCCTGTTTCCCGATT 63285
Kakapo        TTTCT----GAAAGAGGGTGGATAACAAACACCAGTTT---GTTTACCTC---TCTGGGATACTAC--TTCTGAC- 31250
GoldenEagle   TTCTTTTCATGAAAGAGGGTGGATAACAGACACCAGTTT---GTTT-ACTTC---TCTGTGGATACTAC--TTTCTGAC- 34919
JapaneseQuail CTCTTTTGTAGTAAGAAGGGTAAAAAGCAGGCACCGGGTT---GTTT-ACCTT---TCTGTGAATACTAC--TTTCTGAT- 27616
MediumGroundFinch TTCTTTTACAAAAGAGGGTGGATAACAGACACTAGTTT---GTTT-ACCTC---TCTG--GATACTAC--TTTCTGAC- 15860
GoodesThornscrubTortoise@AGCTATTGCTGCAGCATTGCAAAAGGAGACGCTACTTCTAGGTATGATTTTAAATTTTCAAACACTTCCCTCCCATT- 58503
    
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Majority      ----ACTTGTGAGTCTTGTGTATTATTTTCAATTGTGTTAAA---ACTGAGAAGTTTGGATGTGT-TAGTTTAGCATTTTCC
              63930      63940      63950      63960      63970      63980      63990      64000
Human         AAGAAATTGAGATTTCAGAGAGGTCAAATAACTTGCTTAAGATGACCGAAAAGAGTCTAGGCTTTTAAATTAATCCTAGACC 63365
Kakapo        ----ATTTGTGAGCCTTGTGTATGATTCACCTGTGTTAAA---GCTGAGAAGTTTGGAAAGCGT-TAGCTTAGCGTTAGCC 31322
GoldenEagle   ----ACTTGTGAGTCTTGTGTATTATTTTCAATTGTGTTAAA---ACTGAGAAGTGTGGAAGTGT-TAGTTTAACATTATCT 34991
JapaneseQuail ----GCT-GTCAATCTTCTTCAATTTCTTTGTGTTACA---TCAGAGAAATTTGGCTGTAT-T--C--AGCATTTTCC 27683
MediumGroundFinch ----ATTTGTTAGTCTTTTGTATTATTTTCAATTGTGTTAAA---ACTGAGAAGTTTGGACATGT-TAGTTTAGAATTTTCC 15932
GoodesThornscrubTortoise---CCCAATTAATCAATGCAGTCTTTTTTCTTATTAATC--ACTGTAATTAATTAATGTTTATATTATGGTAGAGCCC 58577
    
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Majority	C---TTCCTGTTAGAGTTTTCTACA---TAAT-TAAAATGGCAGTGGAA-----TGTTAACT-GTT	
	64010 64020 64030 64040 64050 64060 64070 64080	
Human	T--GGCACTCGTCAG--T-TTCAGAAC---TTTTCGGGAATGACATTGGATTGCTAATTTTCAATCAAGATAATCTGATT	63436
Kakapo	C---TTCCTATCAG--CGTTCTA-----AAATGGCAGGGAAA-----TGTTGAAGT-GTC	31365
GoldenEagle	C---TTCCTATTAGACCTTCTACA---TAAT-TAAAGTGGCAGTGGAAA-----TGTTAACT-GTA	35044
JapaneseQuail	C---TTTGTACACAGAGTTTTCCACA---TAAT-TAAAGTGGCAATGGAA-----TATTAACCT-GTA	27736
MediumGroundFinch	C---TTCCCGTTAGAACCTTCTACA---TAAT-TAAAATGACAGTGGAA-----TGTTAGCT-GAG	15985
GoodesThornscrubTortoise	AAGATATATGTTAGGGTTGTTTTTCAGTTGCAGTGTACAATTGTAGTAGAACAGACAGTTTCTGCCACTGCAAACCTTACT	58657

Majority	ATACAATCTCTTGAAA-AATAAGATAAGTACTT-CTGGTTTCTGTGA--GTCTC---GGTTTTTGTGGTTGGT----TT	
	64090 64100 64110 64120 64130 64140 64150 64160	
Human	GGGGTGAACATTTTCAGGTTAAGGAAAATACTAGTTTTTTTTCTTTTTTGCCTC---ATTTTATGGGAATTGCTATTATG	63512
Kakapo	ATAGAATCTCCTGGAA-AACAGGTTCAATACTT-TTGGTTTCTATA-----GGTTTTTGGTGGGTT-----	31425
GoldenEagle	ATACAATCTCTTGAAA-AATAGGATAAGTACTT-CTGGTTTCTGTATAGTCTTGG-GTTTTTTGTGGTTGATTGGTTT	35121
JapaneseQuail	ATACAGACCGTTGAAATAACAAGATTAATAATTACTGGCTTCTGCA-----CTTTTTTCCCCTTAG-----	27798
MediumGroundFinch	ATACAACCTTTTGAAC-A-TAAGACAAGTACCT-CTGCTTCTGTGA--GCATCAG-CGTTTTTTCCTTGGTTGGT----T	16054
GoodesThornscrubTortoise	ATATAAATAGATGAGAGAGAGAACTAGAAATAGGACAGAAATATACACATTATCAAAAGTTTTTGCTAGTTACTTACATT	58737

Majority	TGTTGGTTTTGTTGGTTTTATTTCTTTTATATAAAGAGTCTTGAAACCTACAAAATCCTCACTTACTTTA-----T	
	64170 64180 64190 64200 64210 64220 64230 64240	
Human	TGTTAGGATAAATTTGGTTTTGAAGCAACTTTGTACAATGTGGCATCAAATAGCAGTTACCTTCTAAAACCTGACTGA---A	63589
Kakapo	-----TTGGTTTGCTCGAAAGGAAAGAACAATAAAGAATCTTGAAACCTACAAAATCCTCACTTACTTCA-----T	31491
GoldenEagle	TGTGGGTTTTGTTGGTTTTTTCTCTCTAT--AAAGAGTCTTGAAACCTACAAAATCCTCACTTCTTTA-----T	35192
JapaneseQuail	-----AAGTTTG-T-----AAGGAGTTTGTGACATCCACAAAATCCTA--TTTTTTTA-----T	27843
MediumGroundFinch	TGTGGGTTA-GTTTAGCTTTATTTCTGTTAAAGGAAAGAATCTTGAAACCTACAAAATCCTC-----TTTA-----T	16120
GoodesThornscrubTortoise	TTTTAAGTTTCCCTAATCCATCCTTCTTTTGTCTGGTGTGAGTCAACTTCCACCCTGGTGACCTAAAGTATCTT	58817

Majority	CCTTACTAGTAGA-ACAATAAGCTTTCTAC-TAGGAAGATTGATATTGGTGCTATTT---GAAGCCCCCTTTTACTGTG	
	64250 64260 64270 64280 64290 64300 64310 64320	
Human	TCATATAAGTACTGCCATCCAGCAATAAATATATGTATAATAAAATTAACCTTATTGAG-CAGAGTAGTGTGGTACTACT	63668
Kakapo	CCTTACTAGTAGA-A--GTAGGATT-----GATTGACACTGGTGCCATTT---GAAGCCCCCTTTTACTGTG	31552
GoldenEagle	CCTTACTAGTAGA-ACAATAAGCTTGTCTAC-TAGAAAGATGGATATTGGTGCCGTTT---GAAGCCCCCTTGTCTGTG	35266
JapaneseQuail	TGTTAATAGTAGA-ACAATAAGCTTGTCTAC-TGGGAAGATTGATATTGTGCTATTT---GAAGGCT-----TA	27907
MediumGroundFinch	CCTTACTAGTAGA-ACAACAAGCTTTCTAC-TAGAAAGATTGATGTTGGTGCCTTTTTT-TGAAGCCCCCTTAAATGTG	16197
GoodesThornscrubTortoise	CCTTCTTCTGCCCACCTCATGGCGAAATC-TTTGGGACTTGATATTGGTCTGTTAAAATCAAGTAAGCTTCTCTATTG	58896

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Majority      ACATAAGGATTAATTGA--T--TTGTTTTTATT-GT-TTCTT----CTCACAGAGTTGGACTGCATTGCACTTA-CGTTG
              64330      64340      64350      64360      64370      64380      64390      64400
Human         TTGGTAGGACTTCCTGT--TTGTGATCCTTATTAGTTTTTTTAAACTAACCTATTTGCAATTTTAAAAATTTAAAAGTA 63746
Kakapo        ACACAAGGGTTAATTGA-----TGTTCATTTGT-CTCTT----CTCACAGAGTCGGACTGCATTGCACTTA-CATTG 31620
GoldenEagle   ACATAAGGATTAATTGACATTTTCATTTTATT-GT-TTATT----CTCACAGAGTGGGACTGCATTGCACTTA-CGTTG 35339
JapaneseQuail ATTTATGAATT--T-----ATTTTTATT-----TT----CTCATAGA-TTGGAGTGCATTACATTTA----- 27957
MediumGroundFinch ACATAAGGATTAATTG-----CTGTTTTTGTG-GG-CTCTT----CTCACAGAGTCAGACTGCATTGCACTTAACGTTG 16265
GoodesThornscrubTortoise ACTTCAGCAGGAACAGG-ATCTGTGTCCTTATTGGCATTTGTA----TGCAGGTGATGACATTTTGGCTTGCTTTCCTATA 58971
    
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Majority      -TGTTATGTCTG--TAGCT--CTGAGTTTTAAATAAGTGGACTATTTTCTGTTTCTGGAGTTAACTATATGAATATTACT
              64410      64420      64430      64440      64450      64460      64470      64480
Human         TTAGCATGGATGCTTAGCTGGTTGTATTTTAGGTTGAAGTAGCATTTTCTATTTAAGGAAGATAATATTTGGGGGAAAGT 63826
Kakapo        -TGTTCTGTCTG--TAGCT--CTGAGGTTTAAATCAGTGGCCAGTTTCTGTTTCCGGAGTTAACGATACGAATATCGCT 31695
GoldenEagle   -TGTTATGTCAG--TAGCT--CTGAGTTTTAAATAAGTGGACTATTTATGTTTCTGAAGTTAACTATATTAGTATTGCT 35414
JapaneseQuail -TATTCTGCC-----T-----CATTGT---TTTCTGAA--TAATCATGTGAC--TFACT 27998
MediumGroundFinch -TGTTATGTCTG--TAGCT--CTGAGTTTTAAATAAGTGGACTATTTGTGTTTCTGGAGTTAACTATATTAATATTTCT 16340
GoodesThornscrubTortoise TGCAAGTGTCCA--TT-TT--CTTCAACTAAGAAAGATGCTTTGCTTTTTCTATTAATAAAA--AAAAATACCAAAGAAATA 59043
    
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Majority      AATTAATTTCTAGCTATTATCTTGAATAT---TAA-GAAATTTG---TCTTTTGTCTTTTTTTTTTT-ATT-----T--T
              64490      64500      64510      64520      64530      64540      64550      64560
Human         AATACATGGACAGCTGGAACAGCAAATTTGATATATGAAATTTGAATCCTTTTCTGGTAGCTTTAAGTTCGAGTTTT 63906
Kakapo        AATTAATTTCTAGCTCTCATCTTGAATAT---TAACCAAGCTGT---CTTGTGCTTGTCTCTTTTGTT-----T 31761
GoldenEagle   AATTAATTTCCAGCTACCATCTTGAATAT---TAA-AAAGTCTG---TCTTCTGTCATCTTTTTTTGTTGTTTGTGTT-T 35486
JapaneseQuail AATTAATTTCTAGCTATTGTCTTGAATAT---TAA---AATCT-----TTGTTATTTCTTTT----- 28051
MediumGroundFinch AACTAATTTCAAGCTGTTATCTTGAATAT---TAAGAAAATCTC---TCTTCTGCTTATTTTTTT---T----- 16401
GoodesThornscrubTortoise AAAGAACAGATGACAAAATGAGACCATGTATACAAAGAAATTCC---ATCTTAGCATTTTATTTTTTCATAATTACTGAT 59120
    
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Majority      T--T-T----TAAGCGGGCCCAAGCTGTTCT-TCAGGCAGTGA---CAGCTGTGCAGG--CAACAA-ATGCTCCCATTAG
              64570      64580      64590      64600      64610      64620      64630      64640
Human         TGTTGTTGAGTTTTTACTAAAATTATACTTTCACTAATTTTTATTTTTTTGTTAAGATTGCTGATATGCTTTATTCAC 63986
Kakapo        ---T-----GAAGCGGGCCCAAGCTGTTCT-TCAGGCAGTGA---CAGCTGTGCAGG--CAACAA-ATGCTCCCATTAG 31825
GoldenEagle   TTGTTTTTGTAAAGCGGGCCCAAGCTGTTCT-TCAGGCAGTGA---CGGCTGTGCAGG--CAACAA-ATGCTCCCATTAG 35559
JapaneseQuail ---C-----AAGCGGGCCCAAGCTGTTCT-TCAGGCAGTGA---CAGCTGTGCAGG--CAACAA-ATGCTCCCATAAG 28114
MediumGroundFinch ---T-----AAAGCGGGCCCAAGCTGTTCT-TCAGGCAGTGA---CAGCTGTGCAGG--CATCAA-ACGCTCCCATTAG 16465
GoodesThornscrubTortoise @TTTTTCTTTATATAGATCATCACTCTTATCTCTAGCGCC----CTGTTATGCAAGTTCAAGAA-CTGATAAGAT-AT 59193
    
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Majority	TGGGACCAC	TGTTAGT	GAGAGT	GCAGT	GACTCCAG	CTCAGAG	TCCAGT	ACTT	TAGAATA	AATTATT	TGACAAC	ATGTA--	CTA
	64650	64660	64670	64680	64690	64700	64710	64720					
Human	TTTTACAGGCCCTAG-ATGGTCAGAATATTTATAATGCCTGCTGTACCCTAAGGATTGATTTTTCCAAACTTGTGAATTT												64065
Kakapo	TGGGACCAC												31903
GoldenEagle	CGGGACCAC												35637
JapaneseQuail	TGGGACCAC												28192
MediumGroundFinch	TGGGACCAC												16543
GoodesThornscrubTortois	@AGAACC--CATCAG-AAGAATCAACTGAGATTCCTGAG---CAGTGCATAGA-TAAACATTCATAGCATCTAA-CCA												59264

Majority	TCCTGTA	AACCC-	TGGATG	TCTT	CAT-	CAGG--	TAA--	GTCAA	ATTT	CATTT	TAACT	TG---	AGCT	ATG	ATTT	GGG	GAG	
	64730	64740	64750	64760	64770	64780	64790	64800										
Human	GAATGTAAAATACAACATGATAAAAGTAGGGATTATACTCGACCTGATCTTCCATCTG-----GGGATGGACAACCTGC																	64140
Kakapo	TCCAGTAACCC-TGGATGTCTTCAT-CAGG--TAA--GCCCAATTTCTTTTGAACCTG---AGCTCTCATTGGGAGG																	31973
GoldenEagle	TCCGGTAACCT-TGGATGTCTTCAT-CAGG--TAA--GCCAATTTTCATTTTAACTTG---AGCTATGATT-GGGAGG																	35706
JapaneseQuail	TCCTGTAACCC-TGGATGTCTTCAT-CAGG--TAA--GAAAAATTTTCATTTTAAATTTG---ACCTTGTAAATTAGCAGG																	28262
MediumGroundFinch	TCCAGTAACCC-TGGATGTCTTCAT-CAGG--TAA--GTCAGATTTTCATTTAGCTTG---AGCTATGATT-GGGAGA																	16612
GoodesThornscrubTortois	@CTTGTGTGGTAGAGGCAGTGCATTCAGGACTTA--CTGTACTTATGCTTTGAGAGAGAGAAAATTTTAAATACACTAT																	59342

Majority	AACTTGT	GTGTA	AAAAT	TTTTAC	AGTGT	TTTTTT	-GGCAG	ATATT	TCTC-	--TAA	ATTT	GGTG	CTGT	ATT	TGA	AGATA	AT	CACATT	
	64810	64820	64830	64840	64850	64860	64870	64880											
Human	ATTGGACCCAGCTATTGCTGCAGCATTTGCCAAGGAGACATCCCTCTTAGGTATGATTTT-TATTGTC-TTAACCACTTT																		64218
Kakapo	AATTTGTGTGTAAAAATTTTACCGTGTTTTTTT-GGCAGATATTCTC--TAAATTTGGTGCTGTATTGAAGATAATCACATT																		32050
GoldenEagle	AACTTCTGTGTAAAAATTTTACAATGTTTTTT--GGCAGATATTCTC--TAAATTTGGTGCTGTATTGAAGATAATCACATT																		35782
JapaneseQuail	AACATGTGTATAAAAATTTT-----GTTTTT--GACAGATATTCTC--TAAATTTGGTGCTGTATTGAAGATAATCACATT																		28333
MediumGroundFinch	AACAGATGTGTAAAAATGTACAATGTTTTTT-GGCAGATATTCTC--TAAATTTGGTGCTGTATTGAAGATAATCACATT																		16689
GoodesThornscrubTortois	@TCTTTTTTTTTTGTTTTATCATTTTAAATTT-GGTATCGACCCTG--TAAATTTTCATGAT-TATATAAACTAGTAAGCTT																		59418

Majority	CACAA	AGAATA	AACCA	GT	TTT	ACTG	CAGT	ATGG	TGA-	TCCAG	TAAAT	GCAC	AGCA	AGCA	AGCT--	AGTA	AG-	
	64890	64900	64910	64920	64930	64940	64950	64960										
Human	TCTCCCATTTTGCCAAATGGAAAAGTACCAGTAAGTATAATGAATCCCCCATTTTGGACCTTACCAAATTTGTGTTAGGT																	64298
Kakapo	CACAAAGAATAAACCA GTTTCAA-GCTTTACTGCAGTATGGTGA-TCCAGTAAATGCACAGCAAGCAAAACT--AGTAAG-																	32125
GoldenEagle	CACAAAGAATAAACCA GTTTCAA-GCTTTACTGCAGTATGGTGA-TCCGGTAAACGCACAGCAAGCAAGCT--AGTAAG-																	35857
JapaneseQuail	CACAAAGAATAAACCA GTTTCAA-GCTTTACTCCAGTACGGTGA-TCCAGTGAATGCACAGCAAGCAAAACT--AGTAAG-																	28408
MediumGroundFinch	CACAAAGAATAAACCA GTTTCAA-GCTTTACTGCAGTTTGGTGA-TCCAGTAAATGCACAGCAAGCAAGCA--AGTAAG-																	16764
GoodesThornscrubTortois	@ACCCAG--TTCCTGTCTGGATGTCCTTTTATATTTTGAAGT-TTAGGGTTCATTTTGTGTCAGCAAAGTTCAGGTTGGA																	59495

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Majority      --TAT-AGTTTTCTTTTAAG-----GCTGGATATCTTCTGTGA---CTCTAAATATTTGT-----
                64970      64980      64990      65000      65010      65020      65030      65040
Human         TTCGTGAGTTTTCTTTTCTCAAGTGAGAAGGCATATGAATACTGTTAAGAAAACCCAAAGTATTCTTT----- 64368
Kakapo        --TAG-AGTTTTCTTTTAAG-----GCTGGAGACCTTCTGTGA---CTCTAAATGTTCTGT----- 32174
GoldenEagle   --TAT-AGTTCTCTTGTAAG-----GCTGGAGACCTTCTGTGA---CTCTAAACATTTGT----- 35906
JapaneseQuail --TAT-AGTTTTCTTTTAAG-----GGTAGGTATGTTTCTGTG---CTCTAGACATTTGT----- 28457
MediumGroundFinch --TAT-AGTTCTCTTCTAAA-----GCTAGAGATCTTCTGTGA---CTCTCAGTATTTGT----- 16813
GoodesThornscrubTortoise@TTAG-AGATTTTTTACAAGACCCAATGAACGGTGTGTTTATTTTCTTACC---CACTTATTTGTTTGTTCCTTAGGAG 59571
    
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Majority      --AAAATGTTAATATAACGGATTACTGACTCTTATAATGTGTCATACTC--CTCTACTATTTG-TGTGAA-TTTTTTGAG
                65050      65060      65070      65080      65090      65100      65110      65120
Human         --ATAAGTCTAATTAAAATTATATGTTAGTTTTGTTCCTTTTAATACCTTCAGCTTCTCTTCCATGCCACTCTCCCAGAA 64446
Kakapo        --AAAATGCTAATGTAAC-----CTT-CCCTGATGA-----CTTTAGTACTT--TGTGAA-TTCTTTGAG 32228
GoldenEagle   --AAAATGTTAATATAACAGAGTACTGACTGTAATAATGTGTCATACTC--CTCTACCACTTG-TGTGAA-TTTTTTGAG 35980
JapaneseQuail --ACAATGTTAACAGAATG-----CTGACTACTATAG-----TTGTAATATTC----C----TCCTCCAG 28507
MediumGroundFinch --AAAATGTTGATGTAACAGAGTACTG-CCATAACAATGTGTCATACTC--CTCCACCATGTG-TGTGAACTTTTTTGAG 16887
GoodesThornscrubTortoise@TAGGAAGCTAGAAGGAAGGATCAGCCATTCATGTAAAGTGCTGCATTCTGTTTTGACAGTCAGTAAATAGCTTTTTTGAA 59651
    
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Majority      --ATTAGAA-A-A---ATAATGGGAGTTACTA---AA-TGTTAATAT--TGTGTA AAAATCTGTGTTTGAAGATACTATG
                65130      65140      65150      65160      65170      65180      65190      65200
Human         CAAAAGAAGAAAAGCTCTAATGAAGAAATACTGTTGAATCTTAATGCCATATTTACACTTTAAACTTGATGTCACTATG 64526
Kakapo        --ATGAAA---A---ATAGTTGGCAGGTATGA-----TATTAATAT--TGCATAAAATCAGTGTGTTGAAGATACTATG 32292
GoldenEagle   --ATCAGAA---A---ATAACTGGGAGTTAATATATAA-TGTTT-TAT--TGCCTGAAATCGGTGTTTAAAGATGCTATG 36048
JapaneseQuail --TTTTGAG-----AAATC--T--TTG---A----- 28524
MediumGroundFinch --ATTAAAACAAA---ATAAGTAGAAGTTAGT-----TGTTA-TAC--TATGTGAAATCAGTGTTAATGATAGTATG 16952
GoodesThornscrubTortoise@TATTTGATTATAGGCAGAGCTGACAG-CACCACCTAA-TACTGAGGT--TGTCACAACTTCTGATTTTCAGTTGCTCTG 59727
    
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Majority      TTTAAGGATTCTATGTCTAAAGAATTT---TATACATCTATGATTATGACCAAATATTTTAATA----AGACTGCACAGA
                65210      65220      65230      65240      65250      65260      65270      65280
Human         CCTGAG---TCTAGGCCTAAAGTTCTTGTGTGTGTTTTTCAGTGTCTGATCTGATTGTTTTAATTT--AGCATTGCATGGA 64601
Kakapo        TTTAAGGATTCTATGTCTAAAGATTTG---TATACATCTATAATATGACCAAATATTTTAATA----AGACTTCACATA 32365
GoldenEagle   TTTAAGGATACTATGTCTAAACAATTG---TATACATCTATAATATGAACAAATATTTTAGTA----AGACTGCACAGA 36121
JapaneseQuail -----AAATTTTTTA----- 28534
MediumGroundFinch TTTATGGATACTGTGTCTAAATATTT---TAGATATTTG---TATGAACAAATATTTGATGTA----AGACTGCACAGA 17021
GoodesThornscrubTortoise@C-ACTGTTGTCAATTGTACATAACTTAGCCAACTTCAATGATTTGGGCTGATAATTTCCATGCCAGATATCTGCCTAA 59806
    
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Majority      GATGGAATAATATGCAAGACTGCAATAGTGAAAATG--TCAACCAGAAGTAAGAAT-----GTAGGA--A-TGTAATGG-
                65290      65300      65310      65320      65330      65340      65350      65360
Human         AACAGTGAATGTTAAGAGACAAAACATACATAATGGGTGGA-GGCATATGGGATTTTTTTTGAAGCATATTGTAGTGGC 64680
Kakapo        -----TATGCCAGAGTGCCTTGGTGCAGATG--TCAACAAGCAGTAGAAATCTG-TGTAGAAGTACTGTGATGT- 32431
GoldenEagle   GGTGAAATAATATGCAAGACTGCAATAGTGAAAATG--TCAACCAGAAGTAAAAAT-----GTAGGA----TGTAATGT- 36189
JapaneseQuail -----A-----AAA----- 28538
MediumGroundFinch GATGAAATAATATGCAAGACTGCAATAGTAAAAATG--TCTACCAGAAGTAAGAAT-----GTAGGA----TGTCAGGG- 17089
GoodesThornscrubTortoise GACTGAATGTTTTTTTAAATAT-TCAGCCAAAATGGCTCAGCCATTTCTGAGAACAAGGCATGGGGAAAATACATTTG- 59884
    
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Majority      -TGTTCATAATTAATTCACCTGTAAGCGGCATTTTCTGTAA-A-----T-----T-----
                65370      65380      65390      65400      65410      65420      65430      65440
Human         CTTTTAAAAAACAATTTAAACTAGAGAAATTTTCTGTAAAATTAATTTTGTCTATTCTTTGCATTTTGTCTTAATCAT 64760
Kakapo        -TGGTGCAGAAATTAATTCACCTCTAAGCAGGAAATTTCTGTAAAGATAGAATCACAGAATGGTTTGG--GTTGGAAAGGACCT 32508
GoldenEagle   -TGATGCATAATTAATTCACCTGTAACAGCAGATTTAGTAA----- 36229
JapaneseQuail -----AAGGGGAGTTTATATAA----- 28556
MediumGroundFinch -TGATGCATAATTAATTCACCTGTAAGCAGCAAATTTAGTAA----- 17129
GoodesThornscrubTortoise TTTTCCCCTTGTTAAAAAATTCAGTGACCTTTCCTTTGAGAAAGTTTTTTAGTGCTCCACACC--CCCACTTCAGAGCA 59961
    
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Majority      -----T-----T-----T-----A-----G-----AA-----
                65450      65460      65470      65480      65490      65500      65510      65520
Human         TTATATTTTACTTTGTACCACAATGGACTTGAGCCACCTAATAAAAAATACAGTGCAAACATATGCAACTTATAGTTGATA 64840
Kakapo        TAAGATCATCCAGTTCCAACCCCTGCCATGGGCAGGGACACCTCACACTAGAGCAGGTTGCTCCAAGCCCCTGTGTCCA 32588
GoldenEagle   ----- 36229
JapaneseQuail ----- 28556
MediumGroundFinch ----- 17129
GoodesThornscrubTortoise GGGACTTGAAATTTGACAGGGGATGATTTTTGTGTGAGGATGTGCCTTTTGCCATCAGGTTGAAATCCTCCCAATTT 60041
    
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Majority      -----A-----G-----C-----T-----G-----G-----C-----
                65530      65540      65550      65560      65570      65580      65590      65600
Human         GCGTGGAATCAAGATGAAGAAAAAATAAGGAAAATCTTACTTTGTAAAGTAAAATGTGCAAAGTGATTTATAAGTTAAGA 64920
Kakapo        ACCTGGCCTTGAACACTGCCAGGGATGGGGCAGCCACAGCTTCTCTGGGCACCTGTGCCAGCGCCTCAGCACCCTCACA 32668
GoldenEagle   ----- 36229
JapaneseQuail ----- 28556
MediumGroundFinch ----- 17129
GoodesThornscrubTortoise GCGCAAGTCGTGAGCCTTAAAAAATCACAGTTCACACATAGACTCATAGACTCTAGGACTGGAAGGGACCTCGAGAGGTC 60121
    
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Majority      ----A-----T-----G-A---CCCTTT--AG-----TT-----
                65610     65620     65630     65640     65650     65660     65670     65680
Human         TGG AATTTT TAGAGTTT CCTTTT ATTTGATGTATTTCTTGATTTCTAGTATTTGGTAAGATTATCTTTAAGTCATGATTTTT 65000
Kakapo        GGGGAGAGCTTCTGCCTTAGATCCAACCTGAACCTCCCTGTTTCAGTTTGAACCCATCACCCCTTGCCTGTGCGCTCCA 32748
GoldenEagle   -----GCCATT----- 36236
JapaneseQuail ----- 28556
MediumGroundFinch -----CCCTTT----- 17136
GoodesThornscrubTortoiseATCGAGTCCAGTCCCTGCCCCTCATGGCAGGACCAAATACTGTCTAGACCATCCCTAATAGATATTTATCTAAC---CTA 60198
    
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Majority      -T---A-----GAATTGTT-GTTGGCAGATCCTTTCTAAGCA-TCAATACAAATGTGTGATTTGTGGATTGGATA
                65690     65700     65710     65720     65730     65740     65750     65760
Human         ATATATATGGAACCTCAA AATTTGATAGTTGACAACTAGCTTTTACAATTTAGTTTATGTCTGTCATTTCAAAGAAAAAA 65080
Kakapo        GTCCCTAATGTAGAGCGAATTATT-GTTGGTAGATCCTTTCTTACCA-TCAAACAAAGATGTGATTTGTGGATTGGATA 32826
GoldenEagle   -----GGATTACT-GTTGGCAGATACTTTCTAAGCA-TCAAACAAAGGTGTGATTTGTGGATTGGATA 36298
JapaneseQuail -----ATTGGACG 28564
MediumGroundFinch -----GAGTTGTT-GTTGGCAGGTA CTTT-TAAGCA-TCCATACCAA AATGTGATTTGTGGATTAGTTA 17197
GoodesThornscrubTortoiseTCTTAAATATCTCCAGAGATGGA-GATTCCACAACCTCCCTAGGCAATCTATTCCAGTGTTTAACTACCCTGACAGTTA 60277
    
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Majority      TAGATTTGTTA-AAGTATTTAATTATAGTATCCT---A--AAATATAA-AATCTAGACTTC--TTTGTAACTATAAATG
                65770     65780     65790     65800     65810     65820     65830     65840
Human         TAGTATAAAT--AAGTAGTTATTTGGA AATTTTACTTCCCAATATATAACAGTCATGCCATCAGTTTGTGAATATGAAAT 65158
Kakapo        TAGATTTGTAA-AAGTATTTAATTATAGTATCCT---A--AAAGAAAT-TACCTAGACTTC--ATTATAACCATAAATG 32896
GoldenEagle   TAGGTCTGCAA-AAGTATTTAATTATAGTATCCT-----AAAAAAA-AATCTAGACTTC--ATTATAACTATAAATG 36367
JapaneseQuail AAGATC-----A-----ATAGCATGTC-----ATCA----- 28585
MediumGroundFinch CAGATTTGTGA-AAGTACTTAGTTATAGTATCCTTAAAAAGAAAAGAA-AATCTAAACTAA--TATGTAACCATAAATG 17273
GoodesThornscrubTortoiseGAACTTTTCTCTAATGTCCAACCTCAATCTCCCTTGCTGCAGTTTAA-GTCCATTGCTTCTTGTCTATCATTTGGAGG 60356
    
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Majority      CCCAGAAGAGAGAGTGTA---GTCTTACTCATGTGACCAGACTGTGAAGAAGCTTTG-CAGTAGTGACAGGTGAGT---
                65850     65860     65870     65880     65890     65900     65910     65920
Human         CTGTAAGTGGTATATATGTAGAGAGAGATACTCTAAGGCAGTTGGTATTTGATTTCTGGTAACTAATAAGAATTA ACTACC 65238
Kakapo        CCCAGAACAGAGAGTGATGGGATCAGACTCATGGGATCAGACTATGAAGCAGCTTTG-GATGAGTGACAGGTGAGTGTT 32975
GoldenEagle   CCCAGAAGAGAGAGTGCA---GTCTTACTCATGGGACCAGACTATGAAGAAGCTTTG-CAGCAGTGACAGATGAGA--- 36439
JapaneseQuail -----A-----GACCAGAC-----A----- 28595
MediumGroundFinch CCCAGAAGAAAGAGTGCA---AT-TTACTCATGTGACCAGACTGTGAAGAAGCTTTG-CAGCAGTGATGGGTGA----- 17342
GoodesThornscrubTortoiseTAAGGTGAACAAGTTTCT---TCCTCTTCTGTTGACACCCTTTTAGATACCTGCA-AACTGCTATCATGTCCCCTCT 60432
    
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Majority      -----T---T-T--CA-----AA--GCATGATCTTA-----CTTTT-----GTTT---
              65930    65940    65950    65960    65970    65980    65990    66000
Human         -----TGTTAATTTCTGGCAGCTGCAAACAAATCTGACCCTTTATTTCGAATTTTC-----TGGTGTAT 65295
Kakapo        TTAATGGAGGCATCCCTCCCTGTGGCACGGGGTTGGAAGTCTTCCAAACCAACCAGTCTGTG 33055
GoldenEagle   -----GCAGGATCTTA-----CTTTT-----GTTT--- 36460
JapaneseQuail -----TTTT----- 28599
MediumGroundFinch -----GCAGGATCTTG-----CTTTT-----GTTT--- 17362
GoodesThornscrubTortoise -----CAGTCTTCTCTTTCCAAACTAAACAAACCAATTCCTTTAGCCTTCCTTC--A-----T-AGGTCATG 60493
    
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Majority      --TATAGGAAATTCTCCTATCCTGGATAGGAGTGGCAAGAACATGTGGCTGGTTTTATTTCATTATAGCAGGAGAGAGCCT
              66010    66020    66030    66040    66050    66060    66070    66080
Human         CCTAGCAGAAGTCATAGTGTATTATTGACTGTAGTAGATGCTTTAGGTCACCTTACACTCTTTCCTGACAGAAT----- 65369
Kakapo        ATTCATGAAACTCTCCCATCCTGGGTAAGAAAGGCAAGAACAGGTAACGGTTTTATTTCATTATAACAGGAGAGAGCCT 33135
GoldenEagle   --TATTGAAACTCTCCTATCCTGGTTAGGAGAGGCAAAAACAGGTAACGGTTTTATTTCATTATAGCAGGAGAGAGCCT 36538
JapaneseQuail -----GAATT-----A---AATGATAATGATGTGTG-----TACATCCATGACAACAAGA----- 28641
MediumGroundFinch --TATAGGAAACTCTCCTATCCTGGATAGGAGAGGCAAGAACAGGTAAGTGGTTTTATTTCATTATAGCAGGAGAGAGCCA 17440
GoodesThornscrubTortoise TCTTAAGATCTTTAATCATCTTGTGTGCTTCTCTGGACCCTCTG-CAATTTTCCACATCTTCTTGAAATG---CG 60569
    
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Majority      ATGGATAAATTATGACAAAGT-CAACAGTATGTCATCTAGACCAGATGTTTTGAATTAATTGGATGGAATA--TGTTCCG
              66090    66100    66110    66120    66130    66140    66150    66160
Human         ---C-TCTACTACCTCTGTGT-----GTGTCTAGCTTAATTCG--TAATTCAGTTAATAAGATTGAATATTTACAGT 65437
Kakapo        ATGGATAAATTATGACAGAG--CAACAGCACATAATCTACACCAGTTGTTTGAATTAGTTGGATGAAATAATTGAATGA 33213
GoldenEagle   ATGGATTAATTATGACAAAGATCAACAGTATGTCATCTAGACCAGATGTTTTGAATTAATTGAATGGGATA--TATTCAC 36616
JapaneseQuail -----AAAG-----TAAACCAAGGCGACGACTAGATTGTGTG-TGTG--TGTATAC 28685
MediumGroundFinch ATGGATAAATTATGGCAAAGATCAACAGCATGTCATCTAGACCAGATGTTTTGAATTAATTGAATGGCATA--TGTTTAC 17518
GoodesThornscrubTortoise GTGCCAGAACTGGACACAGTACTCCAGT-TGAGGCCA-ACCA--GCGCAGAGTAAAGCGGAAG-AATGACTTCTCGT 60643
    
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Majority      ATCTG--TGGCAATAGAAAAGTTGAACCAAGGGGAAGGCTAG-T--GTTTTTTTTGTTATTATGATTATATTT-TTCAA
              66170    66180    66190    66200    66210    66220    66230    66240
Human         GTGCAGTTTTTAA-AGGCAAAGTCAGGAATGAAAGAGTGAACATGGTTTTTGCTTATAATTATTACTATAGATTATTAA 65516
Kakapo        ATCTG--TGGCAACAGAAAAGTTGAACCAAGGGGAGGCTGG---ATTTTTTTTGTATTATTGATT-----TTCAA 33280
GoldenEagle   ATCTG--TGGCAATAGGAAAGCTGAACCAAGGGGAGGCTAGTTTGGTTTTTTGGGTTTTTTGTTTGTTTTCTTCAA 36694
JapaneseQuail ACT---T-----AT-----CTAA-----TTTT---TTATTCTGATT-----TTTAA 28715
MediumGroundFinch ATTTG--TGGCAGTAGAAAAGTTGAACCAAGGGGAAGGTGAG---ATTTTTATTATTATTATTATAATT-TTCAA 17591
GoodesThornscrubTortoise CTCTGTTTACAACACACCTGTTAATGCATCCCAGAA--TCACGTTTGCTTTTTTTGCAACAATATCACACTGTTGACTC 60721
    
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Majority	GGGTAAA--TGAATCAATTTTATTTTCAAACCTTCATGTGCAGTCTGGGTTTGTGGA-AGGCTGATTCAAATTGGTA	
	66250 66260 66270 66280 66290 66300 66310 66320	
Human	ACTCTTTACTGATAGACATTGTTTTAGAAAGAATCAAAATTTATTGAGTAGCTTCTAGGTCATATTCATTCAGCTAGGCA	65596
Kakapo	GAGCTAAAA-TGAATCAGTTTATGTTTTCCAGCCTTCCCGTAGAGGCCGATTTGTGGG-AGGCTGATTCAGTTGGTA	33358
GoldenEagle	GGGATAAA--TGAATGAATTTATATTTCAAACCTTCACATGCAGTCTGGGTTTGTGGA-AGGCTGATTAATAATTGATG	36771
JapaneseQuail	GGGTAAA---TGAATTACTTTGTATTTCTTAAACATTCATGTGCTGTCTGTTTTTTTGGGA-AGGTTGGTTAAAACCTGATG	28791
MediumGroundFinch	GAGATAAA--TGAATTAATTTGTATTTCAAACCTTCACATGCAGTCTGAGTTTGAGGA-AGGCTGATTAATAATTGATA	17668
GoodesThornscrubTortoise	AATTAAGCTTGTGGTCTACTATGACCCTAGATCTCTTTCTGCCATACTCCTTCTAGACAGTCTCTTCCCATTTCTGTA	60801

Majority	TGCTGGTTAAGTGTGCTTGGCAGCATAGAAAGTTCTTATTG----CCTATAGATGACAGAATAG---CTGAGAACTTCA	
	66330 66340 66350 66360 66370 66380 66390 66400	
Human	CTTGGCAGATACATTACTTTGTTAAATAGATGGTCTCATCAAGATTTTACATATAGTTTCTAAGAAGTTGAAAAATTCA	65676
Kakapo	TGCTGGTTCGGTGTGCTTGGCAGCACAGAAAGTTCTTACTG---CCCATAGATGACAGAATAG---CTGAGAACTTGA	33431
GoldenEagle	TGCTGGTTAAGTGTGCTTGGCAGCATAGAAAGTACTTGTG---CCCATAGATAACAGAATAG---CTGAGAACTTCA	36844
JapaneseQuail	TACTGGTTAAATGTTGCTTGGCAGCATAGAAAGAGTGTATTA---CCCACAAGTACAGAATAG---CTGAGAACTTCA	28864
MediumGroundFinch	TGCTGGTTAAGTGTGCTTGGCAGCATAGAAAGTGTCTTATTG---CCTGTAGATGACAGACTAG---CTGAGAACTTC-	17740
GoodesThornscrubTortoise	GTGTGAAACTGATTTCTTCTTAAGTGAACACTTTGCA---TTTATGTTTATTGAACTTCATCTGTTTACCTCA	60877

Majority	GG-GCAAATTTGAAAAGCTCGCACCTCAGACTAAGTTGGCAATGAGTATCTCTTAGTAGAGGAAAGA-AAAAATAGGCTT	
	66410 66420 66430 66440 66450 66460 66470 66480	
Human	CATGCAACTCATCAAAGAAACAATTTAAAGATAAAATACCAA---GAAACTCCAGCTAAAGATAAAATACCAAGAACTC	65753
Kakapo	A--GCAAAAGTGAAAAGCTTGCACCTCAGACTAAGTTGGCAATGAGTTTTTCTTAGTAGAGGAAAGA-AAAAACAGGCTT	33508
GoldenEagle	GG-AAAAAGTGAAAAGCTCGCACCTCAGACTAAGTTGGCAATGAGTATCTCTTAGTAGAGGAAAGA-AAAAATAGGCTT	36922
JapaneseQuail	TG-TGAAAGTGAAAATTCACGCTCTGATGAAGTTGGTGAAGAGTATCTGGTAGTAGAGGAGAGAAAAAGCAGGCTTT	28943
MediumGroundFinch	---ACAAAATTTGAAAAGCTCACACCTCAGGCTAAGTTGGCAA-ATTTTCTCTTGGTAGAGGAAAGACAAAAATGGTCTT	17816
GoodesThornscrubTortoise	GA-CCATTTTCCAATTTGTCCAGATCATTTTGAATTTTGACCCTGTCTCCAAGCAGTTGCAATC--CCTCCACTTT	60954

Majority	AGTTTTCTGTTGT---T---AAAGAATAATGACTATATTGAA----ATAAAGACCTTT--ATTAAATA-GTGGAGGATGG	
	66490 66500 66510 66520 66530 66540 66550 66560	
Human	CAGCTAGTATTAACAATGGACTACAATAATCACTTCTTTGGACCTACTGAGGTGTGTGATTTGCCCATCTGGATATAC	65833
Kakapo	AGTTTTCTGTTCT-----TGTAAGTA--GATTATATCGAA----ATCAAGACCTT-----C--ACA-GTGGAGGATGG	33567
GoldenEagle	AGTTTTCTGTTGT-----AAAGAATGATGACTATATTGAA----ATAAAGACCTTC--ATTAAATG-GTGGAGGATGG	36988
JapaneseQuail	GGGTTTCTACTGTGCTTCTTAAAGAATTATGACACTATTGAG---ATAAAGACCGTC--ATTAAAAA-GTGGAGGATTG	29016
MediumGroundFinch	AACTTCTGTTGT-----AAAGAATGAGGACTATATTGTA---ATAAAGACTTT---GTT--ATG-GTGGAGGGTGG	17879
GoodesThornscrubTortoise	SGTATCGTCCAAACTTAATAAGCATACTTTCTATGCCAAC---ATCTAAATCGTT--GATGAAGATATTGAACAGAG	61028

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Majority      TCATTTTATCCTTATCACCAAATGAAATC-ACTGGTTATTGATTAAAAGAA---CTGTGA---GGTGGTCAAGACAG--
              66570      66580      66590      66600      66610      66620      66630      66640
Human         TTAGATGTGCTTGGATCCTGGGTGGGAGGC--TTGGTTAGAAATCAGCTGGATTCTTCTAGGGAATTTATCACCATTTTT 65911
Kakapo        TCATTTTATCCTCATCACCAAATGAAATC-ACTGGTTATTGATTAAAAAATACTTTAAAAAGGTGGTCAAGACA--- 33643
GoldenEagle   TCATTTTATCCTCGTCACCAAATGAAAT--GCTGGGTATTGATTAATAA---CTGTTA---GGTGGTCGAGAC---- 37055
JapaneseQuail TTATTTTCATTCTTATCACCCATAAAAGT--AATGAACATTGATTAATAAGT-----TGA---GGCAGCCAAGACAG-- 29082
MediumGroundFinch TCATTTTGTCCCTATCACCAAATGAAAT--ACTCAGCATTGAGTCAAGAA---CTGTGA---CATGGTCAAGACAGG- 17949
GoodesThornscrubTortoise@CGGTCCCAAACAGACCCCTGCGGAACCCACTTGTATCCCTTCCAGCAGGATTGGGAGCCATTAATAACTACTCT- 61107
    
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Majority      ---GGGATCACAAAAATAAG--AGATGTTTTCAAAAAGCAGAGTGTAAGTTTTTCATG-CTGT-TGATAAAAAGTAAAGTT
              66650      66660      66670      66680      66690      66700      66710      66720
Human         CTTGTGATCTTATGACCTTGCTGAAACTTTTAAAAACAATAATAAAGTCATTTTTTTTTCTCTTTGAGATGGAATCTCACTC 65991
Kakapo        ---GGAATCACAAAAGATAAA---GAGGTTTTCAAAAACCAGAGAGGAAGTTTTCTGTG-CTGT-TGAGAAGAGTAAAGTC 33715
GoldenEagle   ---GGAATCACAAAAGTAAGAGACATGTTTTCAAAAAGCAGAGTGTAAGTGTTCATG-CTAT-TGACAAAAATAAAGTT 37130
JapaneseQuail ---GGAATGGCAAAAATAAG--AGATCTTTTCAAAAAGCAGAATGTAAGTGTGA-----G-----AAAAAGTAAAGCT 29147
MediumGroundFinch ---GGGATCACAAAGAATTGA--ACATGTTTTCAAAAAGCAGAGTGTAAGTTTTTCATG-CTGT-TGAGGGAAACAAG--- 18019
GoodesThornscrubTortoise--CTGAGTACGGTTATCCAGCCAGTTATGCACCCACCGTATAGTAGCCCATCTAAA-TTGTACTTTCCTAGTTTATCT 61183
    
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Majority      AGCCA-----AGAGTAAAGAAGATTTG--TAACT-TGATTTATGATGATCTACTTTAAGATAATCTACTCCA
              66730      66740      66750      66760      66770      66780      66790      66800
Human         TGTCGCCCCTGTGAGAGTGTGGTGGCGCAGTCTCGGCTCACTGCAACTTCCGCCTCCCGGGTTCAAGCGATTCTCCCGCC 66071
Kakapo        AGCCAGAATAAAGTTACAGGAATAAAGATGATTTA--CAACT-TGATTTACAATGATCTAATTTAAGATAATCTACTCCT 33792
GoldenEagle   AGCC-----AGAGACAAGAAGATTTG--TAACT-TGATTTATGATGATCTATTTAAGATAATCTAGTCCT 37193
JapaneseQuail AGCTT-----AGGACAAGCAGAATTTT--CAACT-TGGTTTCTGATTATGTGCTTTAAAGTAGTCAGCCTCA 29211
MediumGroundFinch -----AGAGAAGAGATGATTTG--CAGCT-TGATTTATGGTGGCCCACTTTAAGATAATCTACTCCA 18078
GoodesThornscrubTortoise@--TAAGAATATCATGAGAGACCGTATCAAATGCC--TTACT-AAAGTCTAGGTATATCACATCCACTGCTTCTCCCTTA 61258
    
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Majority      GCAAAGC---AGTCTGGAAA--TACTTGTGGAT-TTGGAAATACAATTTAAATTAGGGATATTCTTTTTCAGAGATGAA-T
              66810      66820      66830      66840      66850      66860      66870      66880
Human         TCAGCCTCCTGAGCATCTGGGACTACAGGCGTGTACCACCACCCCTGGCTAACTTTTGTCTTTTTTCGTAGAGATGAGAT 66151
Kakapo        GCAAAGC---AGTCTGGAAA--TACTTGTGTAT-TTGGAGTATAATTTAAATTGGGGATATTCTTTTTCAGAGATGAA-T 33864
GoldenEagle   GAAAAGC---AGTCTGGAAA--TAGTTGTAGAT-TTGGAGTACGATTTAAATTAGGGATATCCTTTTTTCAGAGATGAA-T 37265
JapaneseQuail GGAAGGT---AGTCTGGAAA--TATTTGTAGACCTTGGAAATCCACTTTAAATTAGTGATATGTTTACTGACATGTA-T 29284
MediumGroundFinch GAAAAGC---AGTCTGGAAA--TACTTGTAGAT-CTGGAACACAATTTAAATTAGGAATGTCATTTTCAGAGTTGAAAT 18151
GoodesThornscrubTortoise@CCACAA---GGCTCGTTATCCTATCAAAGAATGTTATCAGATTAGTTTGACACGATTTGTTCTTTACAAACCCATGCT 61334
    
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Majority	AG-TATCAAAT--ATTAGATTGTGT--TTCCGAGTGGAGGCAGATG-----TAAGTATTTTCATTGTGAT-----	
	66890 66900 66910 66920 66930 66940 66950 66960	
Human	TT-CACCATGTTGGCCAGGCTGGTCTGGAACCTCTGATCTCAGGTGATCTGCCCGCCTCAGCCTCCCAAAGTGCTGAG-A	66229
Kakapo	AG-TGTCAAAT--ATTAGATGGTGT--TT--GAGTAGAGGAAGATG-----CAAGGATGTCGCTGTGAG-----	33921
GoldenEagle	AG-TATTATGT--ACTAGATCATAT--GTCAGAGTAGAGGAAATG-----CAAGTATTTTCATTGTAAT-----	37324
JapaneseQuail	AA-TATAAAAT--ATTAGGTGGGA-----GGCGTGTGCAAATG-----TATTACTGAAACTAGTAA-----	29337
MediumGroundFinch	AA-TATCAAAT--ATTAGATTGTGC--CTCAGAGTGGAGAGAAATG-----CAGATACATCAATGTACT-----	18210
GoodesThornscrubTortois	GGCTATTCCCT--GTCACCTTACCACCTTCCAAGTGTTCGAGATGATTTCTTTAATTACTTGCTCCATTATCTTCCCTG	61412

Majority	ATACAAGAATTTGTCTGGATGGGATGCAGCTTTCAGG--TTT-TAAATAGGTTTAAAATAGTAG-ATAGAACTAGATCT	
	66970 66980 66990 67000 67010 67020 67030 67040	
Human	TTACAGGTGTGAGCCACCATGCCTGGCCGCTTTTGTTCATTTTTTTGAGCGTTGTACATTTTTTACATTAAAGGCGTGTA	66309
Kakapo	ATACAAGG-----TGGGATACGCCTTTCAGG--TTT-GAAGTAGGTTTAAAATAGTG---CAGAAA--AGATCT	33982
GoldenEagle	ATGTAAAAATTTGCTTGGATGGGATACACCTTTCAGG--TTT-TAAGTAAGTTTAAAATAGTAACACAGAACTAGATCT	37401
JapaneseQuail	AAAGAAAAATTTGTGTGGATGGAATGCAGCTGTCAAG--TTTATAAATAGACTTAGAATGACA---TAAAAGGTTGATCA	29412
MediumGroundFinch	ACATAAGAATTTGGTATGGTTGGAATGGACCTTGCAG-----GTTTAAAATAGTGGTACAGAACTACATCA	18276
GoodesThornscrubTortois	GCACAGAAGTTAAACTAAGTGGTCTGTAGTTTCCCTGG--GTTGTTTTTATTTCCCTTTTATAG-ATGGGCACTATATTT	61489

Majority	TTAACCTACAATTGCTGC--AGAAATGACTG-TAGTCATTTAGATTTTATAT-TTGAAATACTTGATA-AACGGT-GTAT	
	67050 67060 67070 67080 67090 67100 67110 67120	
Human	TTAAGTTGCTCGCTTTGCCAAAAATGTCTAGTGTCTTTTTCCACTTCTGTGTTGAATTTTTTAGTATAACGCATTTTT	66389
Kakapo	TTAACCTACAATTGCTGC--AGAAAGCAACTG-AAGTCATTGAGGTTCCCTAT-TTGAAATACTTTATA-AACGGT----T	34053
GoldenEagle	TTAAACTACAATTGCTGC--AGAAATCGACTG-TAGTCATTTAGATTCATAT-TTGAAATACTTGATA-AACAG----AT	37472
JapaneseQuail	TTAACCTGAAATTGCTGT--GGGAAGTACTGCAAAACATTTGAATTCACCT-CTGAGATACATTTTG-ATCCCA-GTGT	29487
MediumGroundFinch	T-AACCTACAAGTTCTGC--AGAAATCAATTG-TAGACATTTAGATTTTATAT-TTGAAATATTTGATA-AATAGTTGGAT	18350
GoodesThornscrubTortois	CCGTTTTCCAGTCTTCT--GGAATCTCCCC--GTCTCCCATGATT-TCC-CAAAGATAATAGCTA-GAGGCTCAGAT	61561

Majority	GCTTCA-TGTATTTGTTGCA-GAA-TGTTGTAATTCAGGTTTGATTTGTGTTTGGGAAGTTATTTTT-TAGTAA---TAG	
	67130 67140 67150 67160 67170 67180 67190 67200	
Human	GTTTCTTCACTCTGCCTCATAAGAAAAAGGAAAAAGTGTTTAGCCTTTCCCTAAGTGACTTCTTTTTTTTATCTGTTT	66469
Kakapo	GCTCA--TGTGTTTGTGCA-GAA-TGTTGTAATTCAGGCTTGATTTGTGCTTGGGAAGTTATTTTGTGCTGAGTAA---TA-	34125
GoldenEagle	GCTA---TGTGTTTGTGCA-GAA-TGTTGTAATTTAGTCTTGATTCGTGTTTGGGAAGTTATTTTT-CAATAA---TAG	37543
JapaneseQuail	TCTTCA-GGTATTTGTTGCG-GA--TGTTGTAATTCAGTTTTGATCAACGCTGCGGAAGTTGTTTT--T--T-----	29551
MediumGroundFinch	GCTAAA-TGTATTTGTTACA-GAA-GGTTGTAATTCAGGCTTCACTTGTGTTTCGAAAGCCATTTT--CAGTAG---TAG	18422
GoodesThornscrubTortois	ACCTCC-TCTATTAACCTCTGAG-TATTCTAGGATGCATTTTCATCAGGCCCTGGTGACTTGCAGGCATC-TAA---CTT	61635

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Majority      ATGTTAATGC-TGTTTTTATAGTCTCTTTTTTATGCAAAATATGA-A---CGTGATAAATCTTTTACTTCA-GTTTTTT
              67210      67220      67230      67240      67250      67260      67270      67280
Human         ATGTTTTTGCATCTTGTATAACTGGGCTTTTTAACTATACTCAAAAATAGGTTAAAAGTAGGTGAGTTAAAGGTTTTAA 66549
Kakapo        -TGTTAATGC-TGCTTTTAAAGTGCCTTTCTAAAGCAAAATAGGACATTAAGTGATACATTTCTTTACCTT---TTTTGA 34200
GoldenEagle   ATGTTAATGC-TGCTTTTAAAGTGCCTTTTTGAAGCAAAATATGCAT--CGTGATAAATCTTTTACTTCA-GTTTTTT 37619
JapaneseQuail -----TTTTTAAATAGTTATGTTTTACTTCACA-----TTTTTACTTCA-TTTTTGA 29598
MediumGroundFinch ATGTTGCTGC-TGCTTTTAAAGTGCCTTTCTGTATGCAAGTATGA-----CGTGTTAAAACCTCTGACCTC--GTTTTTT 18494
GoodesThornscrubTortoise @TCTAAGTGA-TTTTTACTTGCTCTTTTTTTATTTTATCTTCTA-----ATCCTACCCTCTTCCATAAGC-ATTCACT 61708
    
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Majority      GTGTTATATATATTATCAGAAGTTT--TAATGGA-AAGATGGCGTCTGTGAAATGGACTTTAGTGATTTGAAAATTA---
              67290      67300      67310      67320      67330      67340      67350      67360
Human         AAATCAGATAATGGACCCTGGTTTTGATAATTCACAAGAGATAACCATTTATTTTCATATTTTTTATGTAAATACATGTT 66629
Kakapo        GTCTTAAATGTATTATCAGAAGATT--TAATGGA-AAGATGACGCTCTGTACAATGGCCTGTAGTGATCTGAGAATGAA-- 34275
GoldenEagle   GAGTTAT--ATATTATCAGAAGATT--TAATGGA-AAGAC---GTCTGTGAAATCGACTGTAGTGATTTGAAAATTA--- 37688
JapaneseQuail ATCTTAAATATGTTGTCAGAAGATT--TAATGGA-AAGATGGCATCTGTGAAATAAACTTTAGCAATCTGAAAATTA--- 29672
MediumGroundFinch GAGTCATGTATATTATCAGAAATTT--TAATGGA-AAAATTATGTCTGTGAAATGGACTGTAGTGATATGAAAATTA--- 18568
GoodesThornscrubTortoise @TACTAGACATTCCCTTCAGACTTCT--CAGTG---AAGACGGAACAAAGAAGTCA--TTAAGCATCTCTGCCATTTTC-- 61779
    
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Majority      TCAGTGTAATTCTAGGAATATATTAT-AAAGAAGTTACAAAATAAC-AAAGGATGAGGTATGTAATGTATGAAAGGAAT
              67370      67380      67390      67400      67410      67420      67430      67440
Human         TCTGTACAAAATTAATAATGCTCTGTATTTGCAGATTTGCATTATCTTTTATTGTAATTGACATTTTACTTAGAATTTGT 66709
Kakapo        TCAGTGTAATTCTAGGAATATATTAT-AAGGAAGTAACAGAATAAC-AAAGGATGAGGTATGAGAAAGTATGGAAGGAAC 34353
GoldenEagle   TCAGTGTAATTCTAAGAATATATTAT-AAAGAAGTGACAAAATAACAAAAGGATGAGGTATGTAATGTATGAAAGGAAC 37767
JapaneseQuail CCAGTATAATTTTAGAACTGTATTATTGAAGAAGCGACAAAAAAC-ACAGGATGAGGTATGTAAAAGTATGAAAGGAAA 29751
MediumGroundFinch TCAGTGTAATTCTAGGAATATATTAT-AAAGAAGTTACAA---ATGAAAGGATGAGGTATGTAAAAGTGTGAAAGGAAT 18643
GoodesThornscrubTortoise @AAGTCTCGTTACTGTTTCCCTCTCCTCACTGAGCAGTGGGCTACCCTGTCCTTGGTCTTCCCTCTGCTTCTAATGTAT 61859
    
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Majority      T--TAAGAATCTC--TTGCTGTTGTTGACTTCT---GATAGATTGATACTAGCTTGTGGGAT-GCT-TATTGGTCTTACT
              67450      67460      67470      67480      67490      67500      67510      67520
Human         TT-TAAAAGATAGCTTTAATACCTGCGTAGCATGTTTCATGGGTATGCCATACCTTTGAAAGTGGACATGTAGGCTATTCC 66788
Kakapo        C--TAAGGATCTCCCTTGCTGTTGTTGACTTCT---GACAAACTGATACTAGGTCATGGGT-----TACTG----T--- 34415
GoldenEagle   A--TAGGAATCTC--TTGATGTTGTTGACTTCT---GACAGACTGATACTAGCTTGTGGGAT-ACTGTATTGGTCGTAAT 37839
JapaneseQuail T--AAAGAACCT-----GCTGCTCTGACTTCT---GATAAGTTGCTACCAGCTTGTGGGAT-GC--TATTGGCCATAGT 29818
MediumGroundFinch C--TAAGAATCTC--TTGCTGTTGTTGACTTCA---GACAAACTGATACTAGCTTGTGGGA---CTCTATTGGTCTTAA- 18712
GoodesThornscrubTortoise @GATAAAAAGTCTTCTTGTTCCTTTATTTCCCATAGCTAGTTTAAAGCTCATTTTGTGCCTTTGCCTTTCTAATCTTGCC 61939
    
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Majority	TTT---T--TAAAAAACAGCATGTATTTGTTTCT-----CCAGTTTGCATGTTTTGATTAGGGTAGCTGTTT	
	67530 67540 67550 67560 67570 67580 67590 67600	
Human	ATACTTTTTATTAAAAACACC-CTTGTACTTTTTTGCCCT-----CTCAAATTATTTTCTTAGACTAGATTCCTAGAAT	66859
Kakapo	-----A-----TGTATTTGTTGCT-----CCAGTCTTCATGTTTTGATTAGGGTAGCTGTTT	34463
GoldenEagle	TTT---TTTTAAAAAAAAGCATGTATTTGTTTCC-----CCAGTTTGCATGTTTTGATTAGGGTAGCTGTTC	37905
JapaneseQuail	ATT---T---GAAACAACAACATCTTTTTTGCT-----CTGGTTTTGCATGT---GACTAGGGTAGCTGT--	29876
MediumGroundFinch	-----AAAAACCAGTATGTATTTGTTTCT-----CCAGTTTGCATGTTTTTATTAGGGTACCTGTTC	18771
GoodesThornscrubTortois	@CTGCATTCTGTGTATTGCTTATATTCGTCCTTTGTGATCTGACCAAGTTTCCATTTTTTATATGACGCCTTTTTTAT	62019

Majority	ACTAGTGGTAGCGCATGTGTGAATGACTAAACTTCATTGATTAAT-AGTGAC-TCCTGTATGTACAGTCATTGTCAGAGT	
	67610 67620 67630 67640 67650 67660 67670 67680	
Human	TAGAATTATTGGGTCAAAGAAAATGTTAAAGCCTGTTTACTTTATTTGCAAATTTCTTCATCTAAAGGTGATATTTAACTT	66939
Kakapo	ACTACTGGTAGCTCATGGGTGAATGACTAAACT-CATTGAGTA---AGTGAC-TCCTGCAGGTACAGTCATTGTCAGAGT	34538
GoldenEagle	ACTAGTGGTACCTCATGTGTGAATGACTAAACTTCATTGAGTAAC-AGTGAC-TGCTGCATGTACAGTCATTGTCAGAGT	37983
JapaneseQuail	GTCACTAATGGCACTCGTGTGAATGACTAAACTTAATGAATAGC-AGAAAT-ACCTGTGTGTGCTGTTATTGTCTGAGT	29954
MediumGroundFinch	ACTTGTAGTAACGTGTGTGTGAATGACAAAACTTCATTGAATA---AGTGAC-TCATGTATGTGCAGTCATTGTCAGAGT	18847
GoodesThornscrubTortois	@TTGTAGGTCACGCAAGATCTCGTGGTTAAGCCAAGGTGGTCTTT-TGCCACATTTTCTATCTTTCCTAACCATCGGAAT	62098

Majority	AATCT---TGGAGCCTAT-----CTTAGTGACAAATGAAATAGTCTTAGGTTTATAGTTTCATATTTTAACCAATTT	
	67690 67700 67710 67720 67730 67740 67750 67760	
Human	AACTAACATTAATTATATATGAGGCTGGGTGTCCTACTTTTTCCCTGCCAGCATACTATTTTTAATTTACAAGATT	67019
Kakapo	GATCT---TGGAGCCAT-----CTTGGTGACAAATGAAATGGTCTTCAGTTTATAGTTTCATATTTTAACCAATCT	34608
GoldenEagle	GATCT---TGGAGCC-----TTAGTGACAAATGAAATAGTCTTAGGTTTATAGTTTCATATTTTAACCAATCT	38049
JapaneseQuail	TATCT---CGAAGCCTAT-----CTTAGTGACAAATGAAACGGGAATAGGCTTATAGCGTCTTATTTTAACCAATTT	30024
MediumGroundFinch	AATGT---TGGGGCC-----TTATTGA--AATTGAAATAACCTTAGATTTATGGTTTCACGTTTAAACCAATCT	18911
GoodesThornscrubTortois	@GCTTGCTTTTGGGCCCTT-----AATAGCGTCCCTTTGAAAACCTGCCAACTCTCCTCAGTTGTTTTCCCTCAGTC	62172

Majority	ATGCATAAACAGGCCAAAATGCTAAGTGAATACCTATTGCAATT--ATTAAAGAGTGCTAAATTTGAATGAA--GGTTTT	
	67770 67780 67790 67800 67810 67820 67830 67840	
Human	AAT--TTGATAGG-CAAATGCCTATTTTAATTTCTGTTAAGATTTAGTTTACAATCTTTAAATGTTTATTTGATAGTCAC	67096
Kakapo	ATACATAAATAGGCCAAAATGCTAAGGGTAATACCCATTGCAAGT--ATTGAAGAATGCCAAACTAGAGGGAA--GGTTTA	34684
GoldenEagle	GTGCATAAACAGACAAAGTGCCTAAGAGTAATACCAACTGCAAGT--ATTGAAGAGTGCTGTATTTGAAGGAA--GGTTTG	38125
JapaneseQuail	CTG-----AG--AAAATGCTT-----TAATG-----AAGAAGGCTTGATTTTATTT---TTTCT	30070
MediumGroundFinch	ATGCATAAACATACAAAATGTTAAGAGTAGTACCAAGTGCAGTT--ACTAAAGGGTGCTAAATTTGAAGGAA--GGTTTG	18987
GoodesThornscrubTortois	@TG-ATTCCCAT--GAGACCTTACCTATCA-GCTCTCTGAGCTT--ACCAAATCCGCCTTCTGAAATCCATTGTCTCT	62246

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Majority	ATTTTCCTACTATCCTCCAAGC--TAAATAGAGTAAAATAAGTA-CAGTTCCTATGGTTAAGTTACTGTGGTAAAACAT	
	67850 67860 67870 67880 67890 67900 67910 67920	
Human	AATTGCTAAATTGCTTGCCTGCATTCTTTCTGTTAGGATGTACGGTAATTCCTATAAAATGCATAGTAAGGATATTAAT	67176
Kakapo	ATTTTCCTCCTATCCTCCAAGC--TAA-TAGAATAAAAATAAGTA-CAGTTCCTTAGGGTTGAGCTACTATGGTCGAACAC	34760
GoldenEagle	ATTTCTGCACTACCTCCAAGC--TAAATAGAGTAAAATAAGTA-CAGCTCTGATGGTTGCGCTACAGTGGTAAAACAT	38202
JapaneseQuail	CCTTCTCTTTTCTCTCCAG----AGATAGAGTAAAATTAATA-CTGTTGTTACAATTAAGGTAATGTGATAAAAACAT	30144
MediumGroundFinch	ATTTCCCCACTACTCTCACAAAC--TAAATAGAGTAAAATA----CAGTTCCTACAGTTAAGTCACTGTGATAAAAACAT	19060
GoodesThornscrubTortoise	AATTGCTGTACTCCCTTCTACCCTTCCTTAGAACTGCAAACTCT-ATGATTTTCATGATCACTTTCACCCAAGCTTCCTT	62325

Majority	GAAGTGCCACCAGATCAA-AAATACCTAAAGGCATGAAACAGTCA-GT-T-----GATT--ATGGGAAAAACCTTTTCA	
	67930 67940 67950 67960 67970 67980 67990 68000	
Human	ATGCATATTTGGATGAGCCAAGCCTTCAG--CTTTATTCACTTATGT-TAGGTCAGTTT--TTGGAAAAGTATTTTCA	67251
Kakapo	AAAGTGCCACCAGAAGAA-AAGTACTTAAA-----AAAGAGTCA-----GATG--ATAGGAAAAACCTTCTG	34820
GoldenEagle	GAAGTGCCACCAAAACAA-AAATACCTAAAGGCAAGAAACAGTCA-----GATG--ATGGGAAGAACTCTCCA	38268
JapaneseQuail	GAAATGTTACCAGATCAA-AGCTGACAAAAGGAA--AGAAAGTCA-----C---ATAAGGAAAAAGCCTACA	30205
MediumGroundFinch	GAAGTGCCGCCAGAACAA-AAATACCTGAAGGAAAGAAGCAGTCAAGTATTTCAAGTGATA--AGGAAGAAAAACCTTCTCA	19137
GoodesThornscrubTortoise	ETACTTTCAAATTTCTCAACAAGTTCTCCCTATTTGTTAAAATCAAGTCTAGAACAGCTTCCCCCAGTAGCTTTTCA	62405

Majority	GTTTAAATACATCTGGAAATA-GTGTA--GAAGCCAGAGGATGTGGTGGCTACACTTT-AGTTGCATGGAGTTCAAAATC	
	68010 68020 68030 68040 68050 68060 68070 68080	
Human	ATAATCTCTCTTTTTAAATAATTGATCTCAATCCCAAAGTATTCATTTGTAGGACATGAAGACACA--ATTTTCTTCTTC	67329
Kakapo	GTTTAAATATATCTGGAAATA-GAGTA--GAAACAAGAGGATGTGGTGGCCACAATTTTCAGTTGCA-GGAGTTCAAAATG	34896
GoldenEagle	GTTTAAATACAGCTGGAAATA-CAGTA--GAAGCAAGAGGATGTGGTGGCTACACTTA-AGTTGCATGGAGTTCAAAAT	38344
JapaneseQuail	GTTTAAATTCATCTGGAAATA-GTGTT--AGAAGCAAAGGGGATGGTGGCAACGTTTG-AGTTACGTGGCATTCAAAT	30281
MediumGroundFinch	CCTTAAATACATCTGG--GT----GTA--GAAGCAAGATGATGTGGTGGCTGCAATTA-AGTTGCATGGAGTTCAAAGATC	19208
GoodesThornscrubTortoise	ACTTCTGAAATAAAAAGTTGTCTGTAATGCAGTCCAGGAAGTTATGAATACTCTGT--GCCCGCGGTGTTATTTTCC	62483

Majority	AAACCGTGGTAGAAGAGTAAAGAAGTTTTCAATTTGTTTTCCATCAGTTGTTACTATAGAA--GATAATGGGGAAATTT	
	68090 68100 68110 68120 68130 68140 68150 68160	
Human	ATACGTTTGGT-GAATATTTTGA----TCTCAGTTTCCACTTCTCTTTTTGCTTTTTAAACATTGTTTATGGTGATATCC	67404
Kakapo	AAAAGCATACTAAAAGAGGAAAGAAGTTTTCAATTTCTTTTCCATCAGTTGTTACTATAGAA--GATAATGGGGAAAT--	34972
GoldenEagle	AAAAGCGTGGTAGAAGAGTAAAGAAGTTTTCAATTTGTTTTCCGTCAGTTGTTACTATAGAA--GATAATGGGGAAATTT	38422
JapaneseQuail	AAAAGCGTGGTAAAAGAGTAAAGAAGTTTTCAATTTGTTTTCCGTCAGTTGTTACTATAGAA--GATAATGGGGAAATTT	30359
MediumGroundFinch	AAACACGTGGTAAAAGAGTAAAG--TTTTCAATCTGTTTTCCAT-ACAAGTTACTGTAGAA--GATAATAGGGAAATTT	19282
GoodesThornscrubTortoise	EACATATATCTGGATAGTTGAA--GTCCCCATCACCACCAATCTGGGCT-TTGGAGGA--TTTTGTTAGTTGTTTCG	62558

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Majority	AATTTTCCATTGGCCCTCTTCACAGGAAATCAGAATGTGGCCT---TAATAGAAATTGAAGACTT-ATTAAGGAAGTTAA	
	68170 68180 68190 68200 68210 68220 68230 68240	
Human	AATATTGCATGAGTGAGGTCAT--GCCTTTTAGAATAATAACTGAATCTTTTCTTCTAATTATTTAATCAGATGACTTCA	67482
Kakapo	-----CAGAATGTGGCCT---TAATGGAAATTGAAGACTT-ATTAGGGAAGTTGA	35018
GoldenEagle	AATTTTCCACTGGCACTCTTCACAGGAAATCAGAATGTGGCCT---TAATAGAAATTGAAGACTT-ATTAAGGAAGTTAA	38498
JapaneseQuail	AATTTTCCACTGGCACTCTTCACAGGAAATCAGAATGTGGTCT---TAATAGAAATTGAAGACTTTATTAAGGAAGTTAA	30436
MediumGroundFinch	AATTTTCCGGTGGCCCTCTTCACAGGAAATCAGAATATGGCCT---TAATAGAAATTGAAGACTT-ATTAAGGAAGTTAA	19358
GoodesThornscrubTortoise	AAAAAGCCTCATCCACCTCTTCC--ACCTGATTAGGTGGCCTG--TAGTAGACTCCCAGCACGACATCACCCGTGTTTT	62634
Majority	--AGAGCAATTTGGAA-AACTCAAGTGCTGTAAGTACCAAGGAGAGATGCTATTCATTTGAAG--GTTCTGAGAACTAG	
	68250 68260 68270 68280 68290 68300 68310 68320	
Human	GCAAACTAATATTGGTGGGATTAACCTCCTGCTCAGTCTTCCAGTAACAGTACTTGTTCAAAATGAAATAATTGATAGAG	67562
Kakapo	--AGAGCAATTTGGA-----AGGGCTGGAAGTACCAAGGAGAGATGCTATTCATTTGAAG--GTTCTCAGAAGCCAG	35086
GoldenEagle	--AGAGCAATTTGAAA-AACTCAAGTGATGTAAGTACCAAGGAGAGATGCTATTCATTTGAAG--GTTCTGAGAAAATAG	38573
JapaneseQuail	--AGAGCAATTTGAAA-AACTCAAGTGATGTAAGTACCAAGGAGAGATGTTATTCATTTGAAG--GTTCTGAGAACTAG	30511
MediumGroundFinch	--AGAGCAATTTGAAA-AACTCAAGTGATGTAAGTACCAAGGAGAGATGCGATGCATTTGAAG--GTTCTGAGAAAACAG	19433
GoodesThornscrubTortoise	-TACCCCTTTTAGCCTAACCCAGAGACTCTCAACACTTCCATCTCCTA-TGTCCATCTCCA-----CCGCAGTCCAAG	62705
Majority	TGACACTGACAAGAATGTACAATATGAAGCCTCTAGCCCTGTGGGACTACTTTTGCTATTTGAATGAGCAA--GTAGTGA	
	68330 68340 68350 68360 68370 68380 68390 68400	
Human	TATTTATTTCAAAAATTTTAAAGAACACAAATATAAGG-TGATACTCTTTTGCTAAAATTTGTGGGGGGCTTCACTTTAC	67641
Kakapo	TGACACTGACAGGAATGTACAATACCAAGCCTC-----TGTGGGACCACCTTTGCTATCTGAATGAGCAA--ACAGTGG	35158
GoldenEagle	TGACACTGACAAGAATGTACAATATGAAGCCTCTAGCCCTATGGGACCACCTTTGCTGTTTGAATGAGCAA--GTAGTGA	38651
JapaneseQuail	TGACACTGACAAGAATGTACAATATGAAGCTTCTAGCCCTGTGGGACTACTTCTGCTATCTGAATGAGCAA--GTAGTGA	30589
MediumGroundFinch	TGACACTGACAAGAATGTGCAATATGAAACCTCTAGCCCTGTGGGATCTCTTTTGCAATTTGAATGAGCAG--CTAGTGA	19511
GoodesThornscrubTortoise	@GTGTACATTTTAAATATAAAAGGCAACACCTCCTCCCTTTTCCCTGTCTATCCTTCCCTGAGCAAATATACCCATCC	62785
Majority	AAAATTGCATTCCTGCCCA---CTTGTTTTGT-GAGAAACTCATTTCTGTAAAAGTAG-ATTATGGCTGC--ACTGAT	
	68410 68420 68430 68440 68450 68460 68470 68480	
Human	CTTGTATGATTTTTATATTAGATCTAGCTACTTGACTGAATTTAATTTACTTTAGAATCAGTACTATAAATTTTAAATTGAT	67721
Kakapo	AGAATTGCACTGCTGCCTCA---CTTGTGTATTGAGAAGCTCATTTCTGTGAGGTAG-ATGATGGCTGC--ACTAAT	35232
GoldenEagle	AAAATTGCATTCCTGCTCCA---CTTGTTTTGT-GAGAAACTCATTTCTGTAAAAGTAG-ATTATGGCTAC--ACTGAT	38724
JapaneseQuail	AAAATTGCGTTCTGCTCCA---CTTGTGTGT-GAGAAACTCATTTCTGTAAAAGTAG-ACTATGGCTAC--ACTGAT	30662
MediumGroundFinch	AAAACCTCATTCCTGACCCG---CTTGTTTTGT-AAGAAACTCATTTCTGTAAAAGTAG-ATAGTGGCTCC--ACCGAT	19584
GoodesThornscrubTortoise	@CACCAACATTCCAGTCGTG--TGTATTATCCACCAAGTTTCAGTAGTCCAACA-AT-GTCATAGTTGT--ATTTAT	62858

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Majority	TTAT-GTTTCATCACCACCTTCAGATTGGATCATTATAGTTC-TTATATTTGTAT-TAA-GGTGAAGGTGACAGGCTTCA	
	68490 68500 68510 68520 68530 68540 68550 68560	
Human	TTAT-TTTACACAGTAATTTTTTAAGACTAACATTTATGTCTGGCTTTTCTGTTT-----CCTTTAA-TGCTAGGTATCA	67794
Kakapo	TTGT-GTTTCATCAGCACCCTCAGATTGGATTAGTACAGTA-----AA-GGTGAAGGTGACAAAGCTCA	35294
GoldenEagle	TCAT-GTTTCATCACCACCGTCAGATTGGATCATTATAGTTCGTTATACTTGCAAGTAAAGGTGAAGATGACAAACTTCG	38803
JapaneseQuail	TCAT-GTTTCATCACCACCTTCAGATTGGATCATTATAGTTCATTATATCTGTAAC TAAAGGTGAAG---ACAGACTTGG	30738
MediumGroundFinch	ACTT-GTTTCATCACGGCCCTCAGGCTGGATCGTTATAGGT-----TCCTTG-----GGTGAAGACTGGCAGCTTCA	19650
GoodesThornscrubTortois	@TATTAGCACTTCCAGTTCTTCTCTGCTTATTACCCATAATTC-TTGCATTTGTATATAGGCATCTAAGATACTGGTTTGA	62937

Majority	GGTTCTGTGCAATGCAGCAGTCTAGCCATGGGTGGAGA--AAGTA-CTGAGAATGTGCAGCA-----GTAGAGCAC	
	68570 68580 68590 68600 68610 68620 68630 68640	
Human	CAGTGTCTCAGAAAATGTAATTTGTTCAAAGAAAGGAGACTGAGTGCTTTGTAATGAGTTTAAAATCTGACATCTAAAAT	67874
Kakapo	GGTTCTGTGCAATGCAGCAGCTAGCCATGGGTGGAGA--AGGTA-CTGAGTATGTGCAGTA-----GTAGAGCAC	35363
GoldenEagle	GGTTCTGTGCAATGCAGCAGTCTAGCCATGGGTGGAGA--AAGTA-CTGAGGCTGTGCAGCA-----GTAGAGCAC	38872
JapaneseQuail	GGTACTTTTCAGTGCAGCGGTCTAGCCATGGTTGGAGA--AAGTA-CTGAGAATGTGCAGCA-----CTAAAGCAT	30807
MediumGroundFinch	GGATCTGTATAAAGCAGCAGTCTAGCCA--GGGTGGAGA--ATGTAAGTGAAGTGGGCAAGA-----GTAGAGCAC	19718
GoodesThornscrubTortois	@CTTGCCTCCA-GCTTTGCCTGACCTCCTTTCTCTC--TGCCATTATAGCCCGTCTCCCT-----CCTATTTCCA	63008

Majority	ATTGAACTACT--GTGCTTCTGCTAATG--C-GAAGGTGATGTTT--TG TAGATGTCTGTATTCATATGGAGATATTC	
	68650 68660 68670 68680 68690 68700 68710 68720	
Human	ACATAATCACAA-ATGTGGCCGACTATTAGTC--ATTCACATATTC-TGTTTCAAAGAACACAGTGATCAAAAATCCTTC	67950
Kakapo	TTTGAACTACT--GTACTTCTAATGAAG---CAAAGGTGATGTCC---TG TAGATGTCTGTATGCATGAGGAGATACTC	35435
GoldenEagle	ATTGAACTACT--GTGCTGCTCCTAATGAAGCAGAAGGTGATGTCC---TGGAGATGTCTGTATGCATAAGGAGATATT-	38946
JapaneseQuail	GCTGAACTATT--GTACTTCTGGTAAAA-----CAAAGGATATTC---TGGAGGTGTCCGTATTCATATGGAAATTTT-	30876
MediumGroundFinch	ATTGAAGTACT--GTGCTTCTGCTAATG-----AAGGTTTTGTC---TGGAGATGTCTGTATGCATATGGAGATAC--	19784
GoodesThornscrubTortois	@CCCATCTCCAGGCTTGTGCCCACTTACCTGTGGCTTTGCTCACCTGTCCCCGTCGAACCTAGTTTAAAGCCCTCC	63088

Majority	TTA-----AGCAT-----CAAAAATAGCTCATTTT--CATAGTAAATGGTG-AGTACCCTCAGCATA-AGCAG-	
	68730 68740 68750 68760 68770 68780 68790 68800	
Human	AGATTATAAATTGAGACAT---CATTATAATGGATCATTTTATCATGTTAAGAGGTGTAGTTAATTTATTAAGGGGTAGA	68027
Kakapo	TTA-----AGCAT-----CAAAAATAGCTCATTTT--CGTAGTAAATGGTG-AATACCTTCAGCATA-ACCAG-	35494
GoldenEagle	CTA-----AGCAT-----CAAAAATAGCTCATTTT--CATAGTAAATGATC-AGTACCCTCAGCATA-AGCAG-	39005
JapaneseQuail	TTG-----TGCAT-----CAGAGCCAGCACATTTT--CACAGTAAATGAT--AGTGCCTCAACAGA-AGCAG-	30934
MediumGroundFinch	CTA-----AGCAT-----TAAAAATAGCCATTTT--CATTGTAATGATG-AGTACTCTTAGCATA-AGCAG-	19843
GoodesThornscrubTortois	@TACTAGGTTAGCCAGTCTGTGCGCAAATAAGGCCCTTTCCC--CTTCTCGAAAGGTG-AACGCCATCTGTGCCTAGCAGT	63165

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Majority      -CAAAC TTAATA--TTTCTATGC-----CAGT--AATCTGGTCTACCATATTCAGATTAGAGTGCAAGTGTTCCTGTC
              68810   68820   68830   68840   68850   68860   68870   68880
Human         TCAC TTTTAGAAAAATTGCTGGAAGTAATTTTTCATGATCATGTTATCTACATTCATAAAATTAGGAGAGAGACTGTGTA 68107
Kakapo        -CAAAC TGAATA--TTT-----TAAAGTT 35516
GoldenEagle   -CAAAC TTAATA--TTTGAATGC-----CAGT--AATCTGGTATACCATAGAAAGATTAGAGTGCCAGTGTTCCTGTC 39074
JapaneseQuail -AAAGCGTACTTAGGTTGCTATGA-----AAGT--AATGCCTCTATGTATTTCCATGGAAACAACAATAACAAAG 31005
MediumGroundFinch -CAGACTTAAATG--TTTGAACAC-----CAGT--ACTTTGGTATACCATG---AGATGAGAGTGCTGGTGTTCCTGTC 19909
GoodesThornscrubTortoise CTTCTCGAATAGCATCCCCTGGTTCGAGGAAGCCAAAGCCCTCCTGGCGACACCATCTTCGCAGCCAGGCATTACACCTC 63245
    
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Majority      TGAACAGCAGGTTTATTTGG--AGCCTTGATCTTCAAGTAGAAGAACC GGAAATATTTATTGCCAAATCTTGAATATTGA
              68890   68900   68910   68920   68930   68940   68950   68960
Human         CAAAGAGTGT TTTATTTAGAGCTTTCCTTG TATTTCAAATTTGAATAACAGGCATTCTCATCATAAAGTTTTTAAAAGAAA 68187
Kakapo        TGAATAGCAGG--AATCTGG--AATCTG-----TAGAAAA-----T----ATTGA 35555
GoldenEagle   TGAACAGCTGGCTAGTCCAG--AGTGTGATCTTTGTGTAAATGCACCAAAGTACTCTTGCCAAATCTTGATATTGA 39151
JapaneseQuail AGCACAGTAAACAGTATTTGGT--AGAGCAAATCCTCAACTACAAACTCAGCTACAAAAGTGT-GACTTTTCAACAGTCA 31082
MediumGroundFinch TGAGAAGCTGGCTAATTCAG--AGCATTG-CCTTCATGCAGATGTACTGGAAGTATCTTGCCAAATCGTGGCTATTAA 19985
GoodesThornscrubTortoise CACGATGCATCTGTCTCTGCCTGGGCCCTACCTTCGACAGGAAGAATCGAAGAGAATACCACCTGTGCTCCAAACTCCT 63325
    
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Majority      -----CAGTCATTAA-TGCCTCATCTTTGGAGTATTA ACTGAGACGCTTA-TGTAGTGCATGACAGTCAT-CTTGACC
              68970   68980   68990   69000   69010   69020   69030   69040
Human         GGCAAAGCAGACTTTCTGTAGGAAATCATTGACGTTAAAATAGTTATAATTTGTGAACAGATACAACATTTATTCATGAAG 68267
Kakapo        -----CAGTTACTAA-TGCCTCATCTCTGGAGGATTA ACTGAGACGTGTA-TGTAGTGCATGGCAGTCAT-CTTGACC 35625
GoldenEagle   -----CAGTTATTAA-TGCCTCGTCTATGGAGGATTA ACTGAGACTCATA-TGTAGCACGTGACAGTCAT-CTTGACC 39221
JapaneseQuail -----CCACCATTAGCTGTGTTTTTTTGGCCAGCAGTGAACAAGA-GCCTG-TGTGTTGCACTCAAACAAA-TCTGTGC 31152
MediumGroundFinch -----CAGTCATTAA-TGACTCATCTACAGACCATCA ACTGAGGCTCATA-TGTAGTGCATGCAGGTCAT-CTTGACC 20055
GoodesThornscrubTortoise -----TAACCATAC-TCCAGAGCCCTGTAGTCACTCTTGATCTGCTCAGTGTACACCTCACAGTATCATTTGTGC 63397
    
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Majority      CAACATGGGTTAAAAATATGACTAGT-----AGGTTCTGTTATA-GTTG--GCCAGTTGGTCCTTACTCGGCCTGT
              69050   69060   69070   69080   69090   69100   69110   69120
Human         GTAAACATGTAGGTCTTATAGAATATGTTTCTCAAATTTTGTGTCACGTTGAAGTACCAGATTCTACCCAGGCTGA 68347
Kakapo        CAACAGAGTTCGAAA---TG--GAG-----AGTTTCTGTTCTA-GTTG--GCCTATAGGTGAT---TCAGAGTAC 35684
GoldenEagle   CAACATGGCTTAAAAATATCACAAGTCTAATTGAGAGTTTCTGTTATA-GTTG--GCCAGTTGGTCCTCACTTGGCCCAT 39298
JapaneseQuail CAGCAGATGTGACCCAC-TGTTTCA-----TGG--CTGTTGTG-ATGG--CATTGTTGCTAGGAACATGTTGCCT 31216
MediumGroundFinch CAGCATGGGTTAAAAATATCACTAG-----GGGTTCTGTTACA-GTTG--GCCAGTTGATCCTTCTCGGCCTGC 20122
GoodesThornscrubTortoise CACATGGATGAGTAGCATG--GGGTAGTAGTCAGAAGCCGGATAAT-CCTC--GACAATGCCTCTGTA-ACATCTCGG 63471
    
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Majority	ATGTAGTTCAA-----GTTACAGAGATTCTGGTGAGGTTTGACTCTACA---GAGGTGTCTTCTTTCCAGT---TGTTG	
	69130 69140 69150 69160 69170 69180 69190 69200	
Human	GAATAGTTAAAGAGTGGGTACAGGCATTCTATGTTTTTAGGATCTCAA---GATGGTTTTACTATGTAGCAAGAGTTG	68424
Kakapo	CTCTA---CA-----GAGATTCTGCTGAGGTTTGACTCTACATTCAGGTTGTCTTCTTTCCCTGT---TGATG	35745
GoldenEagle	AGGTAAATCAGAGTACCTTTACAGAGATTCTGTTGAGGTTTGACTCTACAGTCAAGATGTCTTGTTCAGT---TGTTG	39375
JapaneseQuail	GTGAAGTCAA-----CTTTCATTGGTCTCTGATAAGAAGGAATTCAGAA-----GGTGCCAAATCTGAAGTGTATGGTG	31285
MediumGroundFinch	ACGTGATTCA-----AAGATTCCAGTGAAGTTTGACTGCACA-----TGTCATCTTTCCAGT---TGTTT	20179
GoodesThornscrubTortoise	ATACGGGCCCTGGCAGGCAGCATACCTCCCGGATGAACGGTACAGGCAACAGATGGGTGTCTCCGTCGCTCAGCAG	63551

Majority	AGAGTGACAGCTTCAGGGTAGCTCTGCGCTGGTAGCAGTCTGCAA---AAGATCTCTGCTAG-CTACATTGCCCTAAGC	
	69210 69220 69230 69240 69250 69260 69270 69280	
Human	AGAATTACTGCTACAGAAA-----AGAGCTTGTAACTTAATGTTCAT--TTAAATCTATTTTGG--TACAGTTCTCTGGC	68495
Kakapo	TGAGTGACAGCTTCAGGGT-GCTCTGCACCCGGTAGCAGTCTACAA---AAGATCTCTGCTAGACTACATTGCCCTAACA	35820
GoldenEagle	AGAGTGACAGCTTCAGAGTGGCTCTGCCCTGGTAGCAGTCTGCAA---AAGACCTCTGCTAGGCTACATTGCCCTAAAG	39451
JapaneseQuail	GGTGTGGTAAGA-CAGGCCAGC-CAAAATTGGCAGTGGGCTACGT---GGTCTTCAGACTGG--TATGGGGCCTGAATC	31357
MediumGroundFinch	TGCCCTACAACCTTCAGGGTAGCTCTGTGCTGGTAGCAGTCTGCAA---AAGATCTCTGCCAATCTGCATTGCCCTAAAA	20255
GoodesThornscrubTortoise	AGAGTCTCCAAC-CACCCTACCCTACGTTTCTTATTATCAATGGTGGCAGCAGACCTCCAGCCTTAGGGGTACGAGGC	63630

Majority	TCTGTATTAGG-AAC-GTTCAGG-TAGTTTTGCTGTAGTGGAAAGTAAGGACATCTCCAGTTAAGTTATTTCAGCTTCAG	
	69290 69300 69310 69320 69330 69340 69350 69360	
Human	ACAATTTTAATTAGCTGTTAAACTGAATTTATAATTTTCTATATGTTTGTGATACATAAAATTAAGTGGAAACTTTGAT	68575
Kakapo	TCTGTAGTAGG-AAC--TTCAGG-TAGTCGTTGCTGGAGTGGAAAGCAAGGACACCTCCAGGTAAGATATTTCAGCTTCAG	35896
GoldenEagle	TCTGTAATAGG-AAC--TTCAGG-TAGTCATTGCCAGAATGGAAAGCAAGGACATCTCCAGATAAGATATTTAGCTTCAG	39527
JapaneseQuail	TGTGCATTAC-AAGAGTGCAGT-TATCTTCTCTCTAGCTGGCTCTAAAAGTTTGAGCCTTTAGCTTAGTCAGTGTCTGT	31435
MediumGroundFinch	TATGTAGTAGG-AAC--TTCAGG-TAGTTATTGT-GGAATGGAA-GAAAGAACATCTTCAGATAGGATACTGAGCTGCAG	20329
GoodesThornscrubTortoise	TCGCCTCCTT-ACTGTTGGGGATGATTCTTCTCTCTCTGTATCAAGAAGAGCATAACGGTTATCTATTACCACAGCAG	63709

Majority	GGCGATTATCCGTGA---TTGTATTGGGGATT--TTCAGGCATCTTGAATCTAAAGAGC-ACAATTTTGGCTCAGAAGT	
	69370 69380 69390 69400 69410 69420 69430 69440	
Human	TTTCTTTCTTTGTTACATTTGTATGGGTTATTCATTTGGTAATATTTATTAATTTATTATTAGAGATTTTCAGCTATTTGC	68655
Kakapo	GGCAGTTATCCGTGATTATTGCATTCAGGCTT--TTCAGGCATCTTGAATCTTAAGAGC-CCAATTTGTGCTAGGAAAT	35973
GoldenEagle	GGCAATTATCCATGATTATTGCATTAAGGATT--TTCAGGCATCTTGAATCTTAAGAGC-ACAATTTGTGCTCAGAAGT	39604
JapaneseQuail	GTGGTTAAA-----GTTGGTGGTTTG--TCCAGGCTCCAGGAAATCCAGAAAG--ATAACCCTTTTC-----	31495
MediumGroundFinch	GGCTATTATC-----GTATTAGGGTTT--TTTTGACATCTTTAGTTCTAAGGAGC-ACAATTCATGCTC-----	20390
GoodesThornscrubTortoise	GAGGATTTGCAGCAG-----GGGTGGAGCACT--GCCTGCTGCCAGAAGTAACCAGCTGCCAGTGTCCACCCTGAGCCAT	63782

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Majority      CATAA----TGTTTCATATACACAGCAGG-TT--G-----C-----G
                69450      69460      69470      69480      69490      69500      69510      69520
Human         TAATATAATGAATCCCATACACCTGTGCATCTTGGTTCAATAGCGCTGACACTTAGTTTTATCTATTCAGTTTTTCTTTTG 68735
Kakapo        GGTA-----GTTTATATCC-CAGCATGATG----- 35998
GoldenEagle   CATAAGCAGTGTTTCAGGTAACAGAAAGAGTGTCTGGATTGTATCCATTGTATCAGGAAGCGCAGGAAGTGCAGCAACAGTG 39684
JapaneseQuail -----TGTCTCAAAACACAGCAGC----- 31514
MediumGroundFinch -----CGTTCACATGCACAGA----- 20406
GoodesThornscrubTortoise eTCCTCCTCCACTGGTGTGT-CAGTAGTCTGTGAACTGGGACAGCTACGTCAGCTGTCTCCACATGGATACTGTCCAGG 63861
    
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Majority      --T-----A-----TTTTGTAGCATGGCCTC-----T--T-----T---
                69530      69540      69550      69560      69570      69580      69590      69600
Human         TGTTCTAAAGCAAATCCTTGACATTGTGACATGTCTTCTCAAATATTACCATAGTATCTCTAAAATAATTACATTTTCTT 68815
Kakapo        -----TGCTGTAGTATGGAATA----- 36015
GoldenEagle   TTTGTCTCCTGGATATTCCAATTTTGTAGAAAAGAATAAGATATGCAACTGGTCCTTCAGTCAAGGAACTGCACATAAAA 39764
JapaneseQuail -----CATCGGTTTACCTG----- 31528
MediumGroundFinch ----- 20406
GoodesThornscrubTortoise eATTGCTCATGGATACGGATGTTCTCAGCCTAGCCACCTCCTCCTGTAGCTCTCCTACTTGCTGCCTGAGAGATTCCAC 63941
    
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Majority      -----A-----T--A-----A--T--AT-A---T-----AA---C---T-----
                69610      69620      69630      69640      69650      69660      69670      69680
Human         ACCAAACCATAATATGATTATTACACTTACCAGA-ATTGACAATGATTTCTTAATGTCCTCAAATACCCAGCTTACATTA 68894
Kakapo        ----- 36015
GoldenEagle   AAAAGAAAAAAATTTATCTTATTTTTGGAGAATGTTTTACATAAACATTTTAGCCACAGAACTTCTCATATCCAAGA 39844
JapaneseQuail ----- 31528
MediumGroundFinch ----- 20406
GoodesThornscrubTortoise eAGTAGGCACCTTTCACATTGGATGCCACCCAGCCTGGATATCAGTAAGTGAAATTGCAAGTTACAGTCTTTTCAAG 64021
    
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Majority      -----TC--AA-----T-AA-----T--A-----CTGTGGGATGCATTTGGGACATATTTCTCCGAAGAGGTGC
                69690      69700      69710      69720      69730      69740      69750      69760
Human         AAATTTCCCAATTATTTTGAATGCTTTTA-----AAGTTTGATTTGTTTCAGAACAAAGGTCCTATGGAGGGCCGC 68966
Kakapo        -----TC-----CCTTTAGCTGC-TTTGGGTCGGGTGTCTC---GGCTGTGC 36053
GoldenEagle   CACTTGTCTCAAAGAAATCAATTTTATCAAATGCATATCTGTAGGATGCACCTGGGACACATCTCTCCCAAGAGATAT 39924
JapaneseQuail -----CAGAGGGCTGCATCTTGATCTTTTCTTC--AATGAGGAA 31566
MediumGroundFinch -----T-----CTGTGGGATGCACCTGGGACATATCTCTCCCAAGAGATAC 20447
GoodesThornscrubTortoise eCCACACCAGAATCTGGGTAAA--AGCATCCA-T----GCTTTGGTGCTCTGTCTGGCTACAGGCGCAGGTGGAGGAGA 64093
    
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Majority      TTATCGTGTGCTTTTCAGATGTTTTGCTGTTCTTACTCGAGCTGGAGTGTGTTTTACTATCATTCTTTTCTT--T---T-
              |-----|-----|-----|-----|-----|-----|-----|-----|
              69770     69780     69790     69800     69810     69820     69830     69840
Human         ACATAGTATTTGGTTGTTACATCTCATTAGTCTGTTTCAGTCTGTAATAGTCTCTCCCTCTCTACTCCAATCTCTC 69046
Kakapo        TTCTTGTGCCCTTCTCACTGGTAGAGCATGAGAGACTGAAAACACGAGTGTGTTACCAACATTATTCTCAG----- 36125
GoldenEagle   TTACCATGTGGCCTTCAGTTACTTTGAGGTACTTATTCGAGCTGGAGTGTGTTTTGTAAGGATTACTTCTTTTTTTT 40004
JapaneseQuail TTCACATGTCAGTGTCCATGGACTGCTGTTTTGACTCCAGCTCATAGTGGTGATACTGTGTCTCATCTCTG----- 31638
MediumGroundFinch TTACCATATGACCTTCAGTTACCTTGAAGTACTTACTTGAGCTGGAGTATAATTTATAAGTGTGTTTCCTT----- 20519
GoodesThornscrubTortoise @AGAAGCAGTGTGCCACAGGTGTTGCGGGTCTCCTCACCATCGTAAGCCTCCCTCTGTCAAACCTCTCTCAAATCTCTG 64173
    
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Majority      -T-----T---GTT-----TTTT-TT-----T-----T-G--T-----
              |-----|-----|-----|-----|-----|-----|-----|-----|
              69850     69860     69870     69880     69890     69900     69910     69920
Human         ATTCAATTTACTTATGAAGTGATGTT----TCCTTTTAGAAAGTTTCACAGATTAGACTAGTCTGGCTGTTTCTTTAGAG 69121
Kakapo        -----ACT-----ATT----- 36131
GoldenEagle   ATGCCTTAAACTGTTATGCCCTTCTGAAGATCTGTTTTCTGGTTTTCTCTGCTTTGTGTGCTTTGGGAAGAGACAGTG 40084
JapaneseQuail ----- 31638
MediumGroundFinch ----- 20519
GoodesThornscrubTortoise @TCAGAGACTTCTTAGATTTTAGCAGTTAAATTTTTTTTTGAGTGTTCCTACCCTGGGCTTGCTCCAGCCTGGGGCTGAGC 64253
    
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Majority      -GGAATAA-----T-TGT-T-----AT-TAGGGTAGATGTCAG-----T--C-----CTAG
              |-----|-----|-----|-----|-----|-----|-----|-----|
              69930     69940     69950     69960     69970     69980     69990     70000
Human         TGTCATGTTAACTTGTTCCCTCTATCTGCTGTGTTTCTTATATAAACTTAAAGTTAGTCCAAAGGCTTGATAAGATTTAG 69201
Kakapo        -GGTATAA-----C-----AT-TAGGTTAG---CAG-----CTAA 36156
GoldenEagle   GGGATTAATTTCTCTCTCTCTTTTTTCTCCATGAGT-TTGAGAGAAGGCAGCAGTTTTGTGTTGCCCTCTCTGC 40163
JapaneseQuail -GTAACA-----CTGT-----GAT-CCAGGAACTATCA-----C-----CTGC 31670
MediumGroundFinch -GG-----GT-TTGGGGAG-----T-- 20532
GoodesThornscrubTortoise @AGGACTTCCACTGCAATTGCAGCTCTGGACTGCTGCGCAC-CATGCCAGTCCCTGTCTGGACCCTGAGCTGAAGGTAG 64332
    
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Majority      AGCTTTT----TTTT-T-----T---T-T-----G-C---G---AATGCTTTTGTGCT----T-----
              |-----|-----|-----|-----|-----|-----|-----|-----|
              70010     70020     70030     70040     70050     70060     70070     70080
Human         AGCCTTT----TTTTTTTTGAAGTGTTCCTTGCTTCTCATTGTGTCTCAGTAGGAGACATCTAATATCTGGTTGCC 69277
Kakapo        AGTTGTT----TTTC-----T-----GTTAATTTTGTC----- 36181
GoldenEagle   CACTTTT----TTCTCTCCACTCTTAATTTGATTTTTCTTTATCAGACCTTGGTAAATGCTTTCAAGCTATCCTCATCC 40238
JapaneseQuail AG---CT----CTGT-----ATTGGTTCTG----- 31688
MediumGroundFinch ----TT----TTTT-----ATGCTTT----- 20545
GoodesThornscrubTortoise @AAGCCTGTCGCTTCTGTGCTGTCAATGTCTCCCTTCGTGGGTCCAGGCAGTGTGGAGTGAGATGCTGCTTGATTCAGAT 64412
    
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Majority      --C-----T-----TG-----G-----A-----
              70090   70100   70110   70120   70130   70140   70150   70160
Human         CACTTTTAGT--GATTTTAATGATGCTTAAAGACTGATTGTGGATTGGGTGTTGACATTCTGATCCTTTCGTTACTTTT 69355
Kakapo       -----
GoldenEagle  TGCAAGAGATCCATTTCTGTCTTGGATCATCATAGGTGTCTACAGTGCTTGACAAAGAGAGGGGCACATGCACTCTTTG 40318
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise @CCATGGAGAAAAGATCTGGACCTGTGCAGGGTGGGAGTAACATAGACTGGAACGAGGAACCTGCGGGCGAGAGTCAGA 64492
    
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Majority      -----T--G-----G-----T-CTAGCT--A-----TG--AA---G-----
              70170   70180   70190   70200   70210   70220   70230   70240
Human         TTTTCTACTAATGATTTTAGTATCCAATAATGGTTGCTGCCTTAAT-TAATTTCACTAGTGGGTGCAAATATTGCTTTT 69434
Kakapo       -----CTAATT--A-----
GoldenEagle  TTGTGGCTTGAAGCCATGTGTCTCCAGAAATATCTGCTAGCTAAATCTCTGGGCTCTCTGAACTGGGAAATGAGAATAT 40398
JapaneseQuail -----TAGAT-----
MediumGroundFinch -----TAGCT-----
GoodesThornscrubTortoise @GACTGAATTTTGACAAGAGCCGTTGGAGGGAGATTGGGACTGGGAACCAGTAGGGGTGGAGAATGTGAATGGGGGAGCG 64572
    
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Majority      -----A-----A-----T-----T-----G-----TA-----CTGAATG-
              70250   70260   70270   70280   70290   70300   70310   70320
Human         TCTCCCCTAATTCACATATTCCTTCTCTACATTAATTAGCTGAAAATCTTTATAAAGTAGAATTTTCCTTCATCAACTAG 69514
Kakapo       -----TA-----TTGAAGG-
GoldenEagle  GAGAATGTCAGATAATTTTCTGTCTCCATACTGTGTTCTGTCTGTTGTTAGGTACTGTATGTGAATTAGCTAAATA- 40477
JapaneseQuail -----C-----CTG-----
MediumGroundFinch -----CT-----
GoodesThornscrubTortoise @GAGGAGAGAGATTGGATGAGGAGAGGCAGGGAAC-TTGGAACTGAGGGAAGGAGACTGAGAACAAGAGCTGAGGGT 64651
    
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Majority      -GTA-TTTAAGTAG-----TATCTTCTGGGT-----G---A-----G--A-----T-G-----
              70330   70340   70350   70360   70370   70380   70390   70400
Human         AATTATCAACCTTGTAATTCAATTTGTGCAGGACAATTAGTTAAATCTTTCGATTTGTTGCTAATTTTAAGTTGGTGCC 69594
Kakapo       -GGA---GAAGGAA-----AACATGCAGGA-----
GoldenEagle  -GTATTTTAAGTAGCATATCTATCTTCTGAGTTTtagagggctaccttgactatctctgagaggggtttcattgcaca 40556
JapaneseQuail -----TCAGGC-----TTGCGTACCGTGT-----
MediumGroundFinch -----TAAG-----ACCCTTCTGAA-----
GoodesThornscrubTortoise @GAAGTGGGAGAAGTGGGAGTGGCTGTGTGGGGACACTGGGACCAAGGCAGACTGGAATGGTGACACAAGGACTTGCTGG 64731
    
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Majority      -----T-C-----T---C-----CT---
              70410   70420   70430   70440   70450   70460   70470   70480
Human         CAGCTTTTGTTTTCAGGTAAGTACTTAAACCAGCTTATGAACAGGTACAGTATAGAT---TCTTCCCAGTGTCTGCTTTA 69671
Kakapo        -----
GoldenEagle   GATTCATGGTCTATACAGGCCTTAGAAGCTCATCAAAAACATAGTTCTTATGAATATAGCACTTTCAAGGGAGTCTTCC 40636
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise 6CAACAAGACTAGGGGTAGGAGAGTAGTTCTCAGCCTGCAGCCTGTGCACCAGTGTGTGCCAATCAGCACACAGCTGCA 64811
    
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Majority      --C---G-----G---T--A---T-----G---T-----T
              70490   70500   70510   70520   70530   70540   70550   70560
Human         AACTTTTGAAACTGTCAGTTGTTTGCAGGTTCTGGTAGCCAGAGTGGTTTGAATGGTGACCTTAGCCAGAAGTATGT 69751
Kakapo        -----
GoldenEagle   TTCACAAGGATTTTCAGGCATCTTGAACATCTGAATCTTGCAAGTAATAAAAAGAGCAGTGAATTCTTCTATCCATTAT 40716
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise 6CCATATGACATCCACAGGACCATATAGTAGGTAGTATTGGATGTCACCAGGTGGTATTGGATGTGGTCATATAACACAT 64891
    
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Majority      -----T-----G-----T-----
              70570   70580   70590   70600   70610   70620   70630   70640
Human         AATTATTTAATTTGGCCTTGACCAGTGGCCAAAAAAGGAAGGGGTGGGGTGGATAAAGGACTAAACAAAATTAATTAA 69831
Kakapo        -----
GoldenEagle   ATCAGAAAGTCCTTCATTCAGGTGAGGAAAGCCTTAGAGAAGAAATTATCTAGGAATGTTCTTCTCCGCTTCAGAGCC 40796
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise 6GTGGGCTGTGTAATGGTAAATAGGTTGAGAACCACAGGGCTAGAATGGGAAGCTTGATAAGTGAGACGGACTGGTTAC 64971
    
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Majority      -----AT---CT---A---GA-----A-----A-----G-----
              70650   70660   70670   70680   70690   70700   70710   70720
Human         AATTTAGAAATTTTCTCTCAGAAGGAATTC-ATGCCCATAAAACAAAGACCAGGATACATTCTGATTTTATCGGTAAAT 69910
Kakapo        -----
GoldenEagle   TACCATAGATCGGACTCTTAATCAGAGAACTGCATCAGTCATTCAGGATGTTACAACATTTTGTAATTTGTAGAGTGC 40876
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise 6TGAGGAGAATGGGACTGGGAGTGGGAGCTAGGTTAAGGAAGAGACAGGACTCGGACAAGGCCAGATTAGGGAGGATTGA 65051
    
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Majority      -----T--A-----T-----A-T-----A-----A-----A-----T-----
              70730   70740   70750   70760   70770   70780   70790   70800
Human         ACCAATAGATTATAAATCACTTTTCTCGTATACATAAATGTGAAAAAAAAAACCATCCAGGTATGCATGTTATTTATTC 69990
Kakapo        -----
GoldenEagle   TTTTGCCATCTGAGATCACCTTTGCTGCTGTTACCACTTCTCTCAACCTCCACAATCACATTGGGAAATGAGAGATCCTA 40956
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@CAGAAAGGATTCTCACTTCAGGGAATGGGCAGAAGACTCTACTCACTAGTGCACAGTCTATTCCAGAACCTCTAATGGAA 65131
    
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Majority      -----A-----ATTT--T-T-----TGTTGTTAATCTTGCGTGT-----T-----
              70810   70820   70830   70840   70850   70860   70870   70880
Human         ATTGAGAGGATATACATCTCTCAGGTGTTTTTTGTCGTATGTGTACTTTTGTGTAGTCTGCCTGTTTATTTCTT-TTTGAA 70069
Kakapo        -----ACAA-----TGTAAGTATTTCTTGCCAT----- 36241
GoldenEagle   GTGTCATGAGTCCATGTTGACTAGATAGAAATCTTACTGTCTTTTGCAGAAAACCTTGAGTGTGGTTGATTGCATCAG 41036
JapaneseQuail -----TGTTTCTGTCTTGTGTGGG----- 31736
MediumGroundFinch -----A-----A--TCTTG----- 20574
GoodesThornscrubTortoise@CTCAGACTGCTGAATCTCACCGTTCGTTTGTGTTAGCAAATATCTGTGATTAACCACGAATAA--CCACTGTGCATC 65208
    
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Majority      -----A--A--TTTT-----TT--GT-GGTGG-----C-----
              70890   70900   70910   70920   70930   70940   70950   70960
Human         TAGGATGATATGTACAATTAATAAATCTTTTGTGAAATGTGGTTTTCTTAAATACATTATTGCATTTTCATACACAGTG 70149
Kakapo        -----CA-----GGTGG----- 36248
GoldenEagle   CAGCAGGAGAAAATACTGTTTATTGAGCTTTTCTTTCTTTTGTGGTGGGTGACCCTGACTGGATGCCAGGTGCC 41116
JapaneseQuail -----C-----ATTTGTGG----- 31745
MediumGroundFinch -----GGT----- 20577
GoodesThornscrubTortoise@GAAGAAGTGAGTTGTAGCCACGGAAGCTTATGCTGAAATAAATTTGAGTCTCTAAGGTGCCACAAGTACTCCTGTCCT 65288
    
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Majority      -----G-----A--C-----A--A-----T-----AA-GT-
              70970   70980   70990   71000   71010   71020   71030   71040
Human         ATGAAGGGAAAAACTACAAAGCTAGACAGATTGCAAATTAGTATTGCAGTAGTGAGGTAATAGAGCAATACCCAAATGTT 70229
Kakapo        -----
GoldenEagle   CACCAAAGCCGCTCTATCACTCCTCCTTTCAGCTGGACAGGGGAGAAAAATAAAACAAAAGGCTTATGGGTCAAGGTA 41196
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@TTTGCAGATACAGACTAACACTGCTGCTACTCTGAAACCTGTCACTAGTAGCGTGTGTCTCGCTCTTCTCTAATGTT 65368
    
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Majority      -----A-A-----A---A-----T-----T---T-----A--A-----T-----
              71050   71060   71070   71080   71090   71100   71110   71120
Human         TTCTTAAAATATATGTAGGTGATGCCTGTGTTCTTTACTTTTGTGTGTGTATGTGTTTTTAAACAAGATTCATTGTAG 70309
Kakapo       -----
GoldenEagle  AGGACAGAGAGAGATCACTCAACCAATTACTGTCATCGGCAAAGCAGACTCAACTTAGGGAAAATTAAGTTATTTATTGC 41276
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoiseAATCCACATATCATATAGAGGAGGACAGCCTACTACTGCTATAAAATTACTCTTTTTGCTCAAGAGGCAAAGGTCTGCCA 65448
    
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Majority      ---T-----A-----T-----C---T-----T-----
              71130   71140   71150   71160   71170   71180   71190   71200
Human         TCTTTTAGATATAAATTTAATAAAATTTAGGCTGTTCAGGGTTTCAGTATCCTACAAAGAAGAACGCTGCTTCTAAGTTTTT 70389
Kakapo       -----
GoldenEagle  CAATCAAACCAGAGTAGGGTAAGGAGAAATGAAGCCAAATCTTAAACACCTTCCCCCATCCCTCCCTTTTCCCAGGC 41356
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoiseCCTTTGCTGATAACCCGTTTGAGGTCATGTGATCAAATTTCTGTGCTTTCAGTTTGTACATTTTAAAAACTAGCAAATT 65528
    
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Majority      -----A--A-C---T---G-----A-----G-----A-----
              71210   71220   71230   71240   71250   71260   71270   71280
Human         GGGTTTCTTGAACCAGAGCTTAGAAAGAACAAAAATATGGCATGGTATTTTCATGGTTTAGTAAGGCTACTTTTAGTTAA 70469
Kakapo       -----T-----
GoldenEagle  ACAGCTTCACTCCCGATTCTCTACCTACCCCGCTGCCAGCGCGCAGGGGGACAGGGAATGGGGTTACGATCAGTTCA 41436
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoiseACACACACATGCAAACCTCTGCTAAAAAAACATTACTAGGGTTGCAAAGTCAAGTCAGAGGTTAGGAAATGCAGAATGAAG 65608
    
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Majority      -----TGTCTCTCCTGATGTTTACTTCT-----C--G-----A-----T-C-
              71290   71300   71310   71320   71330   71340   71350   71360
Human         TTATTGTGATGTAGGCCATTAAGTAGACTTTTCTAAAACGAAACCCAGAGGAGAGGGGTTTTGAAGATACATATATACT 70549
Kakapo       -----TGTCTAACATGGTATTTAAGTCT-----
GoldenEagle  TCACA-CGTTGTCTCTGCTGCTCCTTCCTCCTCAGGGGCAGGACTCCTCACACTCTTCCCCTGCTCCAGTGTGGGGTCC 41515
JapaneseQuail -----GATTACCTGATG---AAAAC---G-----
MediumGroundFinch -----T-----
GoodesThornscrubTortoiseATTAT-CTGTG-CAATCTTAATTTGGCCTTCTGTGGAACATGCATATGATAGTCTTTACATGATCACATACCATTTTTC 65686
    
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Majority      -----A---T-----GGATTTTTTG---G-----GG-----TC-----T-----
              71370   71380   71390   71400   71410   71420   71430   71440
Human         GGTTCCTAAGAACTAATCTTTTTGGATCATTGGTAT-TGGTAGAAGGGATTCGCTATGTTTTCTGCCACCATTGGATCTC 70628
Kakapo        -----AGATTTTTTA-----GG----- 36284
GoldenEagle   TCCCACGGGAGACAGTTCTCCACGAACCTTTTTGAGCGTGGGTCCCTCCCACGGGCTGCAGTTCTTCATGAACTGCTCCAG 41595
JapaneseQuail -----TGATATTCC-----AG----- 31776
MediumGroundFinch -----GAATTTTTT---G-----GG----- 20590
GoodesThornscrubTortoise-----ATAGGGCTTCTGTCTTATTCTGTGTACAAGATGGACCTGCTCTGGGGAGGAATCAGGGTTGTGTAATAAAA 65757
    
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Majority      ----T-----T-----C-----G-----G-----
              71450   71460   71470   71480   71490   71500   71510   71520
Human         TGTATAAAGTTTGGCTCCACTATCAAAATGCTTAGATAGATGCCTTTGCAATAGTTGCCACCCTAGGAATAGCTCAAAA 70708
Kakapo        ----- 36284
GoldenEagle   CGTGGGTCCCTTCCACGGGGTGCAGTCCCTCAGGAGCACACTGCTCCAGCGTGGGTCCCCAAGGGGTACAAGTCCTGC 41675
JapaneseQuail ----- 31776
MediumGroundFinch ----T----- 20591
GoodesThornscrubTortoiseGAGATGGAAGGTGTGTAATGAATAAGAGAGGGGATTGCAGGACCAAAGAGGATGAATGGATTTTGTGGTTAAAGCAGTTG 65837
    
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Majority      -----C-T-----C-C-G---C---G-----T-----T---
              71530   71540   71550   71560   71570   71580   71590   71600
Human         TTATTAACCTAATACTGGTTACTTAAATTCACCTCTGTGTGCTTGGAGTTGTGCTTTTTTTTTTTTTTTTTTTTGGAG 70788
Kakapo        ----- 36284
GoldenEagle   CAGAAAACCTGCTCCAAAGTGGGCTTCTCTCTGCACAGGTCCACAGGTCCTGCCAGGAGCCTGCTCCAGTGC GGCTGGG 41755
JapaneseQuail ----- 31776
MediumGroundFinch ----- 20591
GoodesThornscrubTortoiseAATGCTGCCTTGAGAATTGGTTTATATCCCTTCCCTGCCACGGAGTTCCCTAGGTGGTGCTGGGCAAGTTGATTTGTATA 65917
    
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Majority      -----T-----C---G-----C-----G-----C
              71610   71620   71630   71640   71650   71660   71670   71680
Human         ATAGAGTCTGGCTCTGTCCACCAGGCTGGAGTGCAGTGGCATGCAATCTCGGCTCACTGCAAGCTCCGCCTCCTGGGTTT 70868
Kakapo        ----- 36284
GoldenEagle   CTCCCATGGGATCACAGCCTCCTTCAGGCACATCCACCTGCTCCAGCGTGGGGTCCCTCCCAGGCTGCAGGGGGACAGC 41835
JapaneseQuail ----- 31776
MediumGroundFinch ----- 20591
GoodesThornscrubTortoiseGTTCTGAGCACTGACACCTGCAATTAGTCATTGGGAGCTGTACTTTGAAAAATATAAAGTGATATAGAATGCTAAATTC 65997
    
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Majority      -----G--T-----G-A-----T---T---
              |-----|-----|-----|-----|-----|-----|-----|
              71690   71700   71710   71720   71730   71740   71750   71760
Human         ACGCCATTCTCCTGCCTCAGCCTCCCAAGTAGCTGGGACTACAGGCGCACGCCACCACGCCCAGCTAATTTCTTCAT--A 70946
Kakapo       -----
GoldenEagle  CTGCCTCACCATGGTCTTCCCCACGGGCTGCAGGGGAATCTGTTCTGGTGCCTGAAGCACCTCTCCCCCTCCTTCTTCA 41915
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@CTGAAAAAATCCGGTTCAAGGAGTCTCAAATTGAGCACCCAAAATTAGTGAACGCTTTTTTAATTTCTCTATGCTTCAG 66077
    
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Majority      -T---T-G-----GGG-T-----T-----T-----C-G---C--
              |-----|-----|-----|-----|-----|-----|-----|
              71770   71780   71790   71800   71810   71820   71830   71840
Human         TTTTTTTTAGTAGAGACGGGGTTTTACTGTGTTAGCCAGGATGGTCTTGATCTCCTGACCTCCTGATCCTCCTGCCTCGG 71026
Kakapo       -----
GoldenEagle  CTGACCTTGGAGTCTGCAGGGTTGTTTTTCACATGTTCTCACTCCTCTCTCCAGCTGCAGTTTCTGTGCCACAGCAACTT 41995
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@TCCCCCTAGGTAATATGGGGATAATAACCCCTCATTTCACAGTCTGTAATGAAAATGAATGTGAAGCGCTCAGATACTG 66157
    
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Majority      -----T-----C-----G---G-TT-----A-----
              |-----|-----|-----|-----|-----|-----|-----|
              71850   71860   71870   71880   71890   71900   71910   71920
Human         CCTCCCAAAGTGCTGGGATTACGGGCGTGAGCCACCGCGCCTAGCCTGCTTAGAGTTTTTTATGTAATTATTTTGTGACA 71106
Kakapo       -----
GoldenEagle  TTTTTTCCCTTCTTAAATCTGTTATCACAGAG-GCGCTACCACCGTCGCTGATGGGCTTGGCCTCGGCCAGCGGCAGGTC 42074
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@AGTAATGAGTGCCATAGAAAAGCCCATGAGG-AAATTGATAATTCTGTCTTTAGAGCAGGGTTAATTAGTGTACAGTA 66236
    
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Majority      -----T-----T---GAA-----
              |-----|-----|-----|-----|-----|-----|-----|
              71930   71940   71950   71960   71970   71980   71990   72000
Human         CAAACATTTAAATACTGTAGCTTAGAATGAAATTGTCTCAATCCTAGGAGCCAAAAGTTTGATGAATATGAATACTAAT 71186
Kakapo       -----
GoldenEagle  CGTCTTGCAGCTGGCTGGCAGTTGCTCTGTTGGACATTGAGGAAACTTCTGGCATCTTCTCACAGAAGCCACCCCTGTAG 42154
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@AGAAAACATGCGGGCACACACTGAACAATGAGGAGAAAAGAAAATATTGAAACTACTCTTTGTGAACACTGTCCATTCT 66316
    
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Majority      -----C--T-----T-----A--A-T-T-----A-
              72010   72020   72030   72040   72050   72060   72070   72080
Human         ATTAACCATTTTGTGTTCTGTGTCAGGCACGTCTTCTTAGCCCTTTACAAGTAAGTTAATACATCA-TCTCTAAATGTAG 71265
Kakapo        ----- 36284
GoldenEagle   CCCGCTGGCTACCAAAACCTTGCCACGCAGACCTAATACACTTTTTTTTTTTTCCCCATTGGAACAGTCTCTAGTCTCAT 42234
JapaneseQuail ----- 31778
MediumGroundFinch ----- 20591
GoodesThornscrubTortoise 6TGCACTGAATAAGTCATTGATGTAAAAAGCGGCAGAGTCTGTGGCACCTTATAGAGTAACAGAAAGTGTGGAGCATAA 66396
    
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Majority      -----T-----T-T-----C---AA-----
              72090   72100   72110   72120   72130   72140   72150   72160
Human         TTACCATTATCGATCCCATTTTATAGATTTGGAAAGTAGGGTACAAAGAACAGTTTGCCAGATTCCTTTAACTTTTGAG 71345
Kakapo        ----- 36284
GoldenEagle   CTCTTAATCTGTGGGATCTTTTCTCAGTCAGCGGTTTTTCATCTCTCTTCCCTCGGCTGCTATGACCAAAAGAGAGGGT 42314
JapaneseQuail ----- 31778
MediumGroundFinch ----- 20591
GoodesThornscrubTortoise 6CGTTCATGAACAGCATTATCTCCTGTAAAGTGTAAACAAACTTGTGTCTTAGCGATTGGCTGAACAAGAAGTAGGACT 66476
    
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Majority      -----GA-----AA-----A-T-T-T-----G-----T---T---A---A-----T-
              72170   72180   72190   72200   72210   72220   72230   72240
Human         TGGCCGAGCCCTAGCACTGAAAGCCAGGTAGTCTGGTTCCAAAGTCCGTACTCCTGACTAATAAATAGTGAATAAAATT 71425
Kakapo        ----- 36284
GoldenEagle   GGTTTGACATTATTTTAAAGAAATGAGAGAGTATTGTGTTTTGTGGTGCAGACCTCCGTTTCATCGATATTCCTGTATG 42394
JapaneseQuail ----- 31778
MediumGroundFinch ----- 20591
GoodesThornscrubTortoise 6AGTGGACATGTAGGCCTTAAAGTTTTATATTTTTTTTTTGTGTTTGTGAGTGCAGTTATGTAACAAAAAATACTACATTT 66556
    
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Majority      -----T-----C-----T-----T-----
              72250   72260   72270   72280   72290   72300   72310   72320
Human         AGATTAGCTTGACATTTTAGCCTGTCGTCCTTCTCACCTGTAGAATAGTTATCAAGAATAGTAATATACATATAGTAAAAA 71505
Kakapo        ----- 36284
GoldenEagle   GTCATTTTTAATGTCTGTGACAGACAGTCATAGCTCTCTGTTCTGGATCCTTACGACTTCTGGGCTATTTCTGCTAGTT 42474
JapaneseQuail ----- 31778
MediumGroundFinch -----T----- 20592
GoodesThornscrubTortoise 6TAAGCTGCACTTTCACGATAAAAAGATTGCACTACAGTACTTTTATGAGATGAATTGAAAAATACTATTTCTTTTGTGTT 66636
    
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Majority	-----T-----TTGCTTAT--T--T-----T-----T--T-----	
	72330 72340 72350 72360 72370 72380 72390 72400	
Human	TTTAAGTCCCATCATTTTAGCTTGCTTTTTTTTACATACTAAGATATTTTTTGTACCAAGTCCATTAAGTATTTAGCC	71585
Kakapo	-----GTTTTT--T-----	36291
GoldenEagle	CCTGTGTTGTTAG-GCCTTGCTTGCTTATTCTTGCTTCACTGAAAGGTGCTTCCATGAGACATGAGCAGATTTTGGATT	42553
JapaneseQuail	-----TTGCCACT-----	31786
MediumGroundFinch	-----T-GCTGAT-----	20599
GoodesThornscrubTortoise	ATCATTTTTTACAGTGCAAATATTTGTAATATAAAATAATAAAAGTGAGCATTGTACACTTTGTAGTCTGTGTTGTAATTG	66716

Majority	---T---T-TT---A--T---AA-A-----TT---A-----T-----A---	
	72410 72420 72430 72440 72450 72460 72470 72480	
Human	TGATTATCTTATTGATTAAAATACCAAAAATGTGTATTGTTTCATGCATTGATTCAAATTTGGGTACAAAACGGGTAGATA	71665
Kakapo	-----	36291
GoldenEagle	CTTTGTGAATGTTGCCCCAGTTGTTAAGACCCTTCTAAATATCTGGAATTTTCTACTGTACTAGTTGTCTAGGAATAC	42633
JapaneseQuail	-----	31786
MediumGroundFinch	-----	20599
GoodesThornscrubTortoise	AAATCAATATATTTAAAAAAGTAGAAAAACATCCAAAAATTTTAAATACTTTTCAATGGGTATCTACTGTTTAAACAGT	66796

Majority	-----G---TT-----T-T---T---A-----T---	
	72490 72500 72510 72520 72530 72540 72550 72560	
Human	TGTAACATGCAAATAATAAATGAACCTATATTTTTATCTTTTTGACAAACAACACGTTAAAATTTATGTCAATCTTATT	71745
Kakapo	-----	36291
GoldenEagle	TAGCTTCTTTCCAACCAACTCCGCTATTTTGGAGCTTTCCTACTAGTATTGGGGATTGTGATTTTCTTTATTTCTGGTTTGC	42713
JapaneseQuail	-----	31786
MediumGroundFinch	-----	20599
GoodesThornscrubTortoise	GTGATTAATAACTGCGATTAATTTGTGATTAATTTTAAATATGATTTTTTTTTTTAGTTAATTGCATGAGTTAACTGAT	66876

Majority	T-----T-----T---A-----A--A-----TCT-----CT-----	
	72570 72580 72590 72600 72610 72620 72630 72640	
Human	TTTTCAAAATCCTTTTCTATATTTTATTAAGACTAATTATAGCAAATAATAGCCATAAAAATTAACCAAAAAACTCATCT	71825
Kakapo	-----TCC-----	36294
GoldenEagle	TCCCTTTCTTAGCTGCCATAGCTGATGTAGAACCAAGCAGCATATTTGTTATTAGGAGTAATCTTTTGTTCCTTCTGT	42793
JapaneseQuail	-----	31786
MediumGroundFinch	-----	20599
GoodesThornscrubTortoise	AAATCAATAGCCCTATTACAAATAAGCAAGGTGCTTTATAGAATATACAAATACAGGATCCCCACCTGAGGAGCTTACAG	66956

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Majority      -----T-----T--T-----CT-----
              |-----|-----|-----|-----|-----|-----|-----|
              | 72650 | 72660 | 72670 | 72680 | 72690 | 72700 | 72710 | 72720 |
Human         | ACTGCAGACATATTTGAAAGCTGTCCCCAAGAAAGACCAAAGTAATCACACATACCTAAACATGCTAGTATTTCCAGAG | 71905
Kakapo        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 36294
GoldenEagle   | GTGGTGTTTTGGTTTTTTGTTGTTGTTGTTTCTTTTTTTTTTTTCGGTGGTGGTGGTTTTCTCCCTCCCAAAAACAGTC | 42873
JapaneseQuail | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 31786
MediumGroundFinch | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20599
GoodesThornscrubTortoise|ATAAGTATTGTGACAGGGTCAGGCCAGGTGGCCACAAGAGAGTGGTCGAAGGTAGATACATTAGCTCCAGGTTAAACAG | 67036
    
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Majority      -----G---T-----A---A---G-A-----
              |-----|-----|-----|-----|-----|-----|-----|
              | 72730 | 72740 | 72750 | 72760 | 72770 | 72780 | 72790 | 72800 |
Human         | AATATTAATAAATACATAGATTTTGAAGCACATTGCTGAATGCCATAGTAACACCAAACCTAAAAAATACATGTAAATTA-A | 71984
Kakapo        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 36294
GoldenEagle   | TAAGTGGCCATAGAGAAACTTGTAGGGATGATGGTGTGTTTGCACCTGTGGAGTTGAGGTCATGCACAGGAGTATGCTGTG | 42953
JapaneseQuail | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 31786
MediumGroundFinch | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20599
GoodesThornscrubTortoise|STCCCTTTTCGCTGGGTAAGATAACAGTGACTATTCCAGAACACTCAGGAACCTTCTAGAACTAATTAAGGCAGACAGGC | 67116
    
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Majority      -A-T---A-----T--C--CTTAGGTA----T-C-----AA--G-----
              |-----|-----|-----|-----|-----|-----|-----|
              | 72810 | 72820 | 72830 | 72840 | 72850 | 72860 | 72870 | 72880 |
Human         | AAATTAATATTTTATTTTCAACATAAATCAGAAATACTTGGTTAGAGGTCACATGATAATACCTGTCTAACTGTCCCAT | 72064
Kakapo        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 36302
GoldenEagle   | GAGTGGAGATTGTTGTGTGTCAGCACAGGCACATGCTTCTCTCTTGGGTTATGTGTGTCAGTCTGAATTGAGAAAGGGATTTT | 43033
JapaneseQuail | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 31794
MediumGroundFinch | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20606
GoodesThornscrubTortoise|AATTAGGACACCTGTAGCCAATTGGGAAGTTACTAGAAATTAATTAAGGCTAATCAGGACACCTGGTAAAAAAGGCTCTC | 67196
    
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Majority      --CT-----T--C-----T-----G--A--A-----T-C-T-----A-
              |-----|-----|-----|-----|-----|-----|-----|
              | 72890 | 72900 | 72910 | 72920 | 72930 | 72940 | 72950 | 72960 |
Human         | AACTTCGGCTTTCTCATTTTCAATGTGTTTAAATATCTAAG-AAGTAAAAAATAGTTGGAGCATGCCTCTTTATATGTGCAA | 72143
Kakapo        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 36302
GoldenEagle   | TGTTTGTCTTTTACTACTGTTTTCTATGTCCTTAGTCTTACTAGCCATCTGTTTGTGTGCTTCTAAATACTACAAT | 43113
JapaneseQuail | --C----- | ----- | ----- | ----- | ----- | ----- | ----- | 31796
MediumGroundFinch | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20606
GoodesThornscrubTortoise|ACTGTGGAATAGACAGGAGCCACACATCTCGAAGAGTGAAGTTACGGAACAGGTAATTATCCTTTACTGATTTTACAA | 67276
    
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Majority      -----T-----G-----AGGTTTGCTACT-----
              72970   72980   72990   73000   73010   73020   73030   73040
Human         TTTTAAATTATGTTGACTTCTTTGGATTATTGAACTGTCCTCTGCTTTGCTATA-GCTGAATTTTAAAATGTTAATTTT 72222
Kakapo        -----AGCTTTCATCT----- 36314
GoldenEagle   GTGTTTTTTTAGGAATCTGTCTGCTGACAAGCTCTTGGCAGGAGGTGAGCCACTCATCAGAATCATTTTCCCCCTCGGGA 43193
JapaneseQuail -----ATGCAATT----- 31804
MediumGroundFinch -----AGGTGA----- 20612
GoodesThornscrubTortoise GAGAAGTTGTAATTCGTAACCACATGTTGAATATAAGGTTTGAGTCTTAATAGACACTTCTTCAACAATTAATATAGTT 67356
    
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Majority      -----AGAAGAGTATT-----A-----G--A-----A---A-----TG---A-----AT---
              73050   73060   73070   73080   73090   73100   73110   73120
Human         GAAGTCTTAAAATGTGTCTTTTGGAAAAACATTGGAAGAGCTAAAGTAGATAGAGTTGTTTCATTTAAATGTTTATTTT 72302
Kakapo        -----AAAAGAGCACT----- 36325
GoldenEagle   AAGTCCAAGAGAAGGGTACTTTTGTAGTAACAAGAGGGAGGGAGGGGAGGCAGGGCCTGGAAACAATTCAGTATCATGAC 43273
JapaneseQuail -----AAGCCAGTGTT----- 31815
MediumGroundFinch -----AGAATGGTGCT----- 20623
GoodesThornscrubTortoise @TAGCAGTCTGACTAGCATTAAGTCTACGAGTAGAGAATCTAAAAATATATGTAAGTGAAAACCATTGTATCTATCAC 67436
    
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Majority      -----T-TCGTATT-----T-----T-T-TTGTTTAGGCT-----C---CA--
              73130   73140   73150   73160   73170   73180   73190   73200
Human         TTATTTTATTTTATTTTTTTGTAGTTGGAGTACTGGCTCTGTTGCCTGGGCTGGAGTGCAGTGGCGGGATCTCTGCTCACT 72382
Kakapo        -----C--GTG-----T-----CATTTTGGCT----- 36340
GoldenEagle   ACTTGATATCACATGATGAC-ATAAGTTTGTACTTCTGTTGTTGAAGCTTAATAAT-GGGTTTGCTGGCCCATGCAAG 43351
JapaneseQuail -----CAACT-----CCATACACA----- 31829
MediumGroundFinch -----CGCAT-----T-----TGTAGAAG----- 20637
GoodesThornscrubTortoise @CTACATGTGGTTTTACTAG-GACATTGACAAGCTCTTTTTTATTTGGGAATGTGTTT-TTATATTGTTTGCAATTACACT 67514
    
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Majority      -----GTTTCATT-----GGTACTTTATCTTCTTGGTTTGGCACATATGTG-TGTTTTACTGTATC
              73210   73220   73230   73240   73250   73260   73270   73280
Human         GCAAGCTCCGCCTCCTGGGTTACAGCCATTCTGCCGCCTCAGCCTCCTGAGTAGCTGGGGCTACA--GGTGCCCTCCACC 72460
Kakapo        -----TTTCCTTTT-----TCCTTTGAGCAATTTATTTGGCAT-TATGTC-TGTATTAAAGTTAC 36393
GoldenEagle   ATAACGAACAGTAGTCACATTTGTAGAGCTTGGTACTTGATCTCCTTGGTTTGGCACATGTGTGGTGTGGTACTGTGTC 43431
JapaneseQuail -----GTTCCT-----GATCATATTCTGCCAGTTTG-CCTGGATGAGCTGATTGAGACCCTC 31881
MediumGroundFinch -----GTTCAT-----GATTCTTGATCTCCTTGGTTTGGCCCATGTGTGATGTGGTGTGGTATC 20692
GoodesThornscrubTortoise @ATGCCTAGAGGACTGAGATT-----GAGTATCCACTGTGCTAGGTATAATACAAATACA---TATTAAGACATA 67581
    
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Majority	ACACGTGGA---GTGCATAGGTAAATGTAGTTGTATGGAAAAGTTTCTTCTTTTATAGCTAGACTGCTTT-GAGATGTTGA	
	73290 73300 73310 73320 73330 73340 73350 73360	
Human	ACACCTGGCTAATTTTTTTTGTAGTTTTAGT--AGAGACAGGCTTTCACCGTGTAGCCAGGATGGTCTCAATCTCCTGA	72538
Kakapo	AC-CGTGGA---ATGCA--GGTGAATGAACCTTATATTGAACAGACTTAACTTTTCAGTTGGACTGCATT-GCCACTTTGG	36466
GoldenEagle	ACATGTAATGTGTGCATAGGTAAATGCTCAAAGAAAGCAAAGTTTCTTAGCAGTAACTAGAGTTCTGT-GAGATGATGC	43510
JapaneseQuail	TCATTTGGTGATGTG-ATGGGGGTACGTGGCTGTCTGGAAATGTGACTTGTTTTTTCACTTCACTGTTGT-GTC-TGTTGA	31958
MediumGroundFinch	ACACGTGAA---AT-----AAATACT---GGAAAGAAAAGTTTCTTTCACAGTAGCTAGAGTTCTTG-GAGATAATGT	20757
GoodesThornscrubTortoise	ATCCTTGTC---CCAAACAGGTAAATCTATAAGTATGCAAGGCAGACCAAACCTCATGGGAAACTGAAACAGAGTTATTGA	67658

Majority	TTGTGTGTACATTCACCTAACGGTGTATGGTTAAAGTCTTGAATTTTTTTTTCAGGATGTCTGT--TCTAGGCGAAT---A-	
	73370 73380 73390 73400 73410 73420 73430 73440	
Human	CCTCGTGA---TCCGCCACCTTGGTCTCCCAAAGTGCTGGGATTACAGTCATGAGCCACCGTGCCTGGCCTCATTTAAA	72615
Kakapo	T-GCATGAACAGCTTCTAGAGAAAAGAAGGAAACATC-----AGGCTTCTGGAAT-CATGT--TAAGAGAGGTT---A-	36533
GoldenEagle	CCGTATATACATTCACCTAACAGT--ATGGCTACTGTCTTCTCATTTTTTTTTCAGGATGTCTGT--TTGAGAGGAAC---A-	43582
JapaneseQuail	A-GTGCAC-CATTCACCTGCCTCTCTATGCTAACACTCACTAACTGGTCTCCATAAA-TATTC-----AGCAAAC---A-	32025
MediumGroundFinch	TTGTATGTGCGTTCACTAGCAGTGAATGGTGGTGTC-----ATGTTTTTTCAGGATGTCTG-----AGAGGAAC---A-	20822
GoodesThornscrubTortoise	STTTGCAGAAGGTCACTAAGGAAGTCCGTGGAAAGTCTGGGACCTGAACCCAGAACTTCTGAGTCTTAGTCTAGT---AT	67735

Majority	GTTTTTGAGTGTGGTTGAACTTTTTTTTTTT-ATT-GCCATATATGAAGGAGTTTCACTATTCTTGTGTTG-AGTTGTAAC	
	73450 73460 73470 73480 73490 73500 73510 73520	
Human	ATTTTTTAACACTGGGTAAAATTTTTATTTTTGAGTCACAAATTAATTTGAAGCTGTGTCTTTTAGAGAGCTTATTCAAC	72695
Kakapo	ATGAATACGTTTTAAGCTGAACTGGTTTTTCAG-ATG-GATGTATAT----GTATACACTGACCTTGTTTA-AAACATAA-	36605
GoldenEagle	GGTTTTGAGGGTTT-GTTGCACCTTTTTTTTT-ATT-GCCATATAAGAAGGAGCTCAGGATACACATTC--AGTTGTGAC	43657
JapaneseQuail	GTGTTGGTATGTTGGTGTGATTATTTTTTTTTT-TCT-GC-----ATGGAGGAATTCAGCAGCACTCTTT-----TGCTT-	32092
MediumGroundFinch	GTGTTTGAGGATTT-GTTGCACATTCCTTT-----GC----TA--A--GAGCTCAGGACACATATTCGCAATTGTGAC	20886
GoodesThornscrubTortoise	STTAACACAAGCCAAGCGCTACTTTTTATGTTT-TTTAGCCTAATGTAAACAGTTTCTTCTCTATTTTATAAGGTTTTAAT	67814

Majority	TTTATATGTGATC--AATTAATCTTG-AA-AAATGTTTTAGTTGTCTTGAAT-CTTTATTGCAT-GGTATAGGTGTATTA	
	73530 73540 73550 73560 73570 73580 73590 73600	
Human	TCTTAATTCATTATAAATAATATTTGAATGAATGTGTTTTACATCTGGAATGATTTTTATCATCTGAGTAAAGGAAATA	72775
Kakapo	---ATGTGCAACC--AACCTGTATTG-TG-TCTTATTTTTAAGTAACTTGACT-CCCTTTTCCA--GGCCTTAGATGGTCA	36675
GoldenEagle	TTTACATATGAAC--AGTTAATCTTG-AA-AAAACC-CTAGTTGCTGGTAAT-CTTTAGTGCATTGGTATTGGAGCTGTC	43731
JapaneseQuail	----CTTGTGCTC--T-TCCATGTTA-GA-CTGTCCTTCTGTTGTCATG----TCACACAGCA---ACTACACGTAATG	32155
MediumGroundFinch	TTTAGATGTGAAC--AATTAATCTTG-AA-AAAAATGCTGGTTGGCGAGAAT-CTTTCTTGCAATTATTAGAGGTGTATGA	20961
GoodesThornscrubTortoise	ATGTTTTAATGATTCTAAGCTCTCTGATAA-AAATGTTACAGTTTACAAATAT-GCTCAGATAT-AACATATATGTACAC	67891

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Majority	TGAT-GTTGGTAGTATGAT-TGCTGGGCCGA---TTTGTGTTTGTCTGGCACAAGAATCTTTTTCCAGAGTTTGAC-TACA	
	73610 73620 73630 73640 73650 73660 73670 73680	
Human	TGTTTGATGGTAGTTGGGAACTTGAAGGTATTACGGGCTACAGATGAGAAAAAATGTTACTACGTCAATTCATGTTTA	72855
Kakapo	AAAT-ATTTATAATGCT-TGCTGTACCTACGGATTGATTTTTCCAAACTGGTGAATTTGAATGTCAAGTACAAC-AACG	36752
GoldenEagle	TGCT-GCTGGTAGAGGT-GGGTGGGGTGA---TTTGGTTTTGATCTGTTGCAAGAAGCCTTTCCAGAGTGTGAC-TACA	43805
JapaneseQuail	AAAT-ATTGGTGGGGA--AGTCAACCGA-----TACTGCCATACCCTGACATCCATCTCCAGTGTGGACC-AGCA	32223
MediumGroundFinch	TGTT-GCTGGTAAAGAT-GGTTGGGGTGAAGGTTTTTTTTTGTCTGGTGTGTTGAATCCTTTCCCTAGAGTTTGAC-TACA	21038
GoodesThornscrubTortoise	TAA-AAAAACATTGATGTGCTGGGCCAA-----GGTATACTTTAGCAAAAAGAGCTGATAAGATTGCATCTCTAACA	67963
Majority	-GTACTAATTAGGAGTGTCC-TCTTCTTCCTTTTTTATTTAG-GATGTTCTATCAGCGT-TCAATGCTTCTATTGC--AA	
	73690 73700 73710 73720 73730 73740 73750 73760	
Human	CATACTGACCAGCATTTTCAATGAAATAAGCTTATTACTATAGGACTATAAAATGTTTT-TCAAAGTTTAACTGTCCAG	72934
Kakapo	-ATAAAAGCAGGGACTACAC-TCGTCTGATCTTCCATCTGGTATGGACAGCCAGCGC-TGGACCCAGCTATTGC--TG	36827
GoldenEagle	-GTGCTTATTAAGAGTGTG--TCTCCTTCCTTTCTGGTTCAG-GATGTTCTTTCAGCGTGTCTGTGTCCCAACTGC--AA	43879
JapaneseQuail	-TAATCAAATAGGAGGCATT-ACTTTTGGAGCATCTATTTACAAACATTGGAATGCCAC-TAATGTCTTCTGTTGG--TT	32298
MediumGroundFinch	-GTGCTTATTAAGAGTGC--TCTCCTTCCTTTCTCATTCAG-GATGTTCTTTCAGCCCATCTATCCCCAGCTAC--AA	21112
GoodesThornscrubTortoise	GCAAAAAACAAAAACAGCCCTCATTTCCCAAAATGTGTTAGCTGTAATCTAGAAAAGAT-TAAATACAGCTATTG---A	68037
Majority	GGGAATTCTCTAGTGCAGTGTG-TTTTCTAT-ATGTAATTTTGGCCTCGTTTTTATTTGATTGAATGAGTTATTTTTACTG	
	73770 73780 73790 73800 73810 73820 73830 73840	
Human	GGCAGATACTTAAGACTATCTGATCATCCATTA AAAACTTTTCACATAGTCTTGCTTAAATGGATCCATTATGTTTACCC	73014
Kakapo	CAGCATTGCAAAGGAGACCTC-TCTTCTAG-GTATGATCTTGCCCTTGTTCTTTTGGATTGCAA-AGTCACTTGATGGA	36904
GoldenEagle	GGGATTTCTCTTGTGCAGTATT-C TTT-TGT-ATGTGCTTTTGGTCACTTTGAATTTGTCAGAAGGAGGAATTTTGTCTG	43956
JapaneseQuail	TGATACTGG---GAGTAAAGCT-GTGCATGA-AAGTCATTTTGACTCAGCATGAGTTA--CAAATGGCATATATCACTG	32371
MediumGroundFinch	GGGATTTCTCTTGTGCAGTACC-TTTTATAT-ATGTATTTTGGTCGCTTTGATTTTG---GAA---GGAGTTTTTGTCTG	21184
GoodesThornscrubTortoise	CAAATTCATGAATGCAGGGTCACTGTGTTG-AAATAATTTAAGATTCGCTCCATATCATGTATACTATTCTGTTGATTA	68116
Majority	ATT--CAGTGTGGTTTTTGTATTATTGAACAAGTTTTTTTAAACTTTGTTTATCTTGAA-ACTCTGAATA-----T	
	73850 73860 73870 73880 73890 73900 73910 73920	
Human	ATTA-TATTGTTCTCAGCTGTAGTTTTTAAGAAATTTATTTC--TTTGTAAACTTACTTTCCATTACCTTCCCCTTTT	73091
Kakapo	AAT--GGCTGTTGGTTCTTCTCTGACAATTAGAGATCTTAGGCTGTAGTAGTGTCCAAA-GGCCATTCA-----G	36973
GoldenEagle	TTT--CAGTGAAGTTTTAGTTACTTATGCAGCTCCCTTTAAACATCGACTACTCTGGAA-ACTATGAATG-----C	44025
JapaneseQuail	AGT--TTCTGTTGCGCTTGGTCATTTGAACCTAAGATGCA---TGTAGGTGTTCTAGAGTACTGAGAATT-----T	32438
MediumGroundFinch	TTT--CAGTAGAAGTTTTAGTTAATTACATAACTCCCTTCAAATACTGACTACTCTAGAA-ACTCCAAACA-----C	21253
GoodesThornscrubTortoise	ATTACCAGTGCATCATCTACAAATTGATCATGGTTTTTATCAAAATATTTTACCTGATAATTGAGAATAGCCAGCTGT	68196

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Majority	GGTTATCTATTGGTTTTCTGTTTCTTAATTCTAAAGTATTTATATATCTTT-CAGCTTTCTTGACAGACACAAGTCAGTG	
		73930 73940 73950 73960 73970 73980 73990 74000
Human	CTGTGACAAATCCGTTGATACTTGAAGACCTCTCTTGATTCATCTTAGGGTTAATATTTTAAAGGCCAAACAGCCTAAAT	73171
Kakapo	TGTTCACTCTCTATTTTGAGCTGAATTGTAGTAACACAGTTACATTGTCTT--TAGACATCTTGAGAAATGAATGAGAG	37051
GoldenEagle	GGGTATATTTTGGTTTTGCTGCTTTTTAAGACTAAAAGATTTACATCAACTTCACAGCCTTCTGCCAGCCATAAATCAGTG	44105
JapaneseQuail	GTTTCTCTACAGAATTCTTTTACTCCACACTGGAG-----ATGCCCTCTT--CCAGTTTCTTTGAGTGACTGCTTCATG	32511
MediumGroundFinch	AGATATGCTTGGTTTTGCTACTTCTTAAGTCTAAAATATTTCCATCAACTTAGCAGCTTTCTGCAAGCCACAAGTCAGTA	21333
GoodesThornscrubTortoise	AAATAGCTACAGAATAAGGATCACTTTTTTCTGTGGATGTGTAATTTCTCT-GAACCTTCTAACAGATG-AAGTCTCTG	68274

Majority	TTTGTACTGATCACCTAGAGATCT--ACAATGTGAATCTCTA-TTGTGG-TT-----T-----GGTTC	
		74010 74020 74030 74040 74050 74060 74070 74080
Human	TCTATGGTAATCAACTCCAGCCTTGTTGTAATGAAATCTTCTGCATAAAGATAGGTTTAAATCAAATCAGATTGCAGATTT	73251
Kakapo	AATGCAGGGGAAAAGGAGAAATCC--ACAAAGTGGATGGAAA-ACTCAAGTT-----AGTTC	37105
GoldenEagle	TGCTACAGACTCCATACAGAGGT--ATAACATGAATCTTGA-TTGTGTTTTAAAGACTTAGAGCTCTGTGTCATGGTCC	44182
JapaneseQuail	GTTGCTCTGTTCTGCTAGCAGTCT--GCAGAGAAGACCTCTG-CCA-----GGCCT	32559
MediumGroundFinch	TTTCTACAGACTCCACACAGAGGT--TAAGTATGAATCTTG--TTG-----GGTCC	21380
GoodesThornscrubTortoise	@GCTATATAATCACTTAGAAACCTG-ACATCCAAAAGACAA-TCCTGGCCCTGACAGATGATTATTCATTCATATACTG	68352

Majority	TGTTATTTGGTCTAAGCTAATG-GTGCTTCCTTTTGT-TCTTATGTATTCAA--AGTTATCTTCATTATGTGC-TTGTG	
		74090 74100 74110 74120 74130 74140 74150 74160
Human	TATTGAAGAAATTGTGTTTTTAAAGATTGACAAATATATGTTGTATGGCTAAAACAAAGAAAATACTTCTGTTGCTTCTG	73331
Kakapo	TACT-TTTGTTCCCAAATATG---TCCTCCCCTC----TCTCATATATTCTG----TCAGCCTC-TCCTGGCC-ACGTT	37171
GoldenEagle	TGTGATTTGGACAAAGCTAAAGGATACTGCCTTTTGG-TCTCATTGTGACATA---GTTTTCTTCATTATGTGA-ATGGG	44257
JapaneseQuail	TGTT--GCCGTAAAATCTAATGTGAGCTTCTGTGGT-CATTTTCTAAACAAA--AAGCAACAACATTTCCAGT-TAAGA	32633
MediumGroundFinch	TGTGATTCAGACTAAGCTAAA---TACATCCTTCTG-TCTCAAGAATTCACACCTGTTGCTTCATCATGGGA-TTGGG	21455
GoodesThornscrubTortoise	@ATTCTCTGCTGTGAAAGAACA-AGGTGATCAGAAAGT-CCTTGAGATTGTAAAATGGATGTCTTTTTAATGAGCCTTTTA	68430

Majority	TATTTTCGTTGCAGGGCAATTACAT-TGTTTGTGAC-AAAAATAAATTTCTGGCTGTTTCATTGTTACCAATGTTTATTCC	
		74170 74180 74190 74200 74210 74220 74230 74240
Human	CATTTAGTAGAAGAAAACCTATATATGTTTGTGACCAAAGTATAAAAATATGATTCTTTCCAGGGAGGTAAAGGTTATGC-	73410
Kakapo	GCCACCTTCCCACCCAA---GT-T---TGTAAG-AGACAACATGATTGTCATGTTTCATTTCATGCTAATGCTTATTTG	37242
GoldenEagle	TATTTTCCTTGATGG-CAATGGCAT-TGCTTTGAT-AAGAAGTAAGCTCTGGCTGTGTAACCTGGACCTACCTTTAATCC	44334
JapaneseQuail	TATTTAGCTTCAGGACAGTTACCT-TGATTATTC- GTTAAGGACATTCATGCCACCTGAATCCTAAAGAAGACTATC--	32709
MediumGroundFinch	TGTTCCCTTGCTGGGCAGTGACAT-TGATCTGAC-AGTAAAAAACTCTGGCTGGATAAATTTGCACCTTCTCTAGTCC	21533
GoodesThornscrubTortoise	@ATTTTGAAGAAGGAAAACCTCAT-TAATGGACAG-AAAGGAGTATTTTCAGGTGAATTGTCAAAGCAATAGTTCCCTTT	68508

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Majority      --A-TATCATAGTATGATTAGAAAG---GTATGAAGTTTTCTTAAAGTGATGG-AGATTATCAGT-TATGCTTTTATA-A
              74250   74260   74270   74280   74290   74300   74310   74320
Human         ----AGAAGATTTTCACTAGCAGC--TCTAAAAGGCTACCCCTCAATTAATTG-CCATGAACATTCATAGCCCTAGAAG 73482
Kakapo        TAG-TATCATATTATGAAAAGAACA---TTTTGTTGGTTTTCTTCAATGAGGGAAGATTAT-GCTCTCTGCTTAAAA--A 37315
GoldenEagle   --A-TATTTTAGTCGATTTTAAAAG---GTGAGAAATCTTCTGAAAGTGATGACTCATTCTCGGTGTATGCTTTTTTTT-A 44407
JapaneseQuail ----GTGCTGGAATGATAGGCAGT---GCTTGGATCAACCATAGTGTGCTGG-ATTTTATCAGT-TATGTCAGAAAAG-C 32778
MediumGroundFinch --A-TATCTTAGTGGTTTTTAAAAG---GTAGGAAGTCTTCTAAAAGTGATGGTAGATTCTCAATATAAACTTTTTTC--A 21605
GoodesThornscrubTortoise GAGTGGCATAATATGAAAAAAAACACATAGGGAAAATCCTCTATATAGGGA-AGATCACTAGC-TGTGTTTTGATATG 68586
    
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Majority      GATGCAAGTAT-TCTGAGTGTATT---TTTTTTCCTATATTTCTAATAT-----TTTGAGTTTTGGATTATGCTT--TGT
              74330   74340   74350   74360   74370   74380   74390   74400
Human         GATGTTGGCTCATTTCAGTGTATCCTGGTTTTATTCTTTATTGTATTATTCAGCAGTCATTTTAACTATGCTAGACAC 73562
Kakapo        AAGAAAAGGAA-TC----TGTAAGT---TCACTTCTGGTGTGTGGTAC-----ATGAGTACTAATGCTCTGTC--AGG 37379
GoldenEagle   GATGTAAGTGT-TCCGAGTGAGATT---TTTTTCCCAAATACCAACAT-----TAGGAGTCTTGGATTCTGCTT--TGC 44476
JapaneseQuail CCAGCAAGTAC-AGTAATAGTGTGTTG---CTGCTTCCTGGACGCTGCAGC-----TTTGTAGAGAAGAATATGATG--CGT 32848
MediumGroundFinch GGTGCAAGTGT-TC-AAGTGATATT---CTTTT-CCCAAATACCAACA-----GGAGTCTTGGATTGTGCTT--TGT 21669
GoodesThornscrubTortoise AAGCAGTTATATCTGATCAATATCA--GTATAATCTATATTTCCAAGATACAAACTGGAGTTAAGGCTTATTGTA--TAT 68662
    
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Majority      TTCTGAGTTTTAAAAGAGCTAGCAGGTTTTGTGTCT-GTGATGGTGATTCTTGACAGTACTCTAATGATTTAGATTTAAT
              74410   74420   74430   74440   74450   74460   74470   74480
Human         TTTAGAGATTCAGAAGAGTAACAGGGTTTCTGTTCTCATGAAGCTTATCAGAGACAGAAAACATATGAGTTAGATCTAAT 73642
Kakapo        TTTCGAGTTCATCAGAAGTAGTAGGTGAAAGGCTCT-GAGAAAGAGAGAGATAAATGTATTTT--TGACTCTTAGCAAAC 37456
GoldenEagle   CACTGTGTGTAAGAGAGCTAGCAAACCTGTACTCT-GTAATGGTGACACCCGCCATCACCCCAGCAATACAGAATTAAT 44555
JapaneseQuail AACTGATCTTTAATG--AAG-GAAGTGGTGCAAA-AAAACCTTGGTTTTGGATAATGGTCT-GTGATTTACA-TACGT 32922
MediumGroundFinch CACCATGTATTAAAGAGCTAGCAAATGGTGTATGCT-GTAATGGTGGTGTGCTCGCCACCACCCCAACAATACAGAATTAAT 21748
GoodesThornscrubTortoise ATCAGGGGTGACGAAC-CTTTCAGGAGTGGTGTGCT-GAGTCTTCATTTATTCACTCTAATTTAAGGTTCTGTGTGCCAG 68740
    
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Majority      TAAT--AGCTTGTAATCTTTGTATAAGGACTGTATTTTTTATTTTTGAATTATTGTATAATCCATTGTTT-----
              74490   74500   74510   74520   74530   74540   74550   74560
Human         TGGA-GGCAAACTGAAATATATAGTGGAGTTAGTGTGGTTATCAGCACATAAATGAGTGATCCATCAACAAAAGGAGAAA 73721
Kakapo        TAAT---GAATGCATGCTTTGGGAGAGAGTTGTAATTTGTGGTTTTAATTTAT--CACAAAGTTGTTGCCT----- 37521
GoldenEagle   CCTC--AGCTTGATTTCTATGAATCAGGACAGTAGATTTTATTTTGCAGTATTGTATAAAGCATTGTTT----- 44623
JapaneseQuail TGTTTAGCCACAGAACTTCTTGTATCCAAGGCATTTGTCTCAAAAGAAACAAACCTCATTCAAATGTAT----- 32992
MediumGroundFinch TAATGAAGCTTGTGCTCTATGAATAAGGACAGTAAATTTGTCTTTTGAATATTGTATAAGGCATCGTT----- 21817
GoodesThornscrubTortoise AAT--ACATTTTAACTTTTTAGAAAGTCTCTTTCTATAAGTCTGTAATAGATAACTAACTATTGTTGTATGTAAAGT 68818
    
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Majority	AAGTTAGGTTTCAAAGG-TGCAAAGAAGCTTCTTTTAAATTGATA--TGTTTGGTGGTATAATCTCTAGACTGTTGGGTT	
	74570 74580 74590 74600 74610 74620 74630 74640	
Human	TTGGGAGGGTTTTATGGGCCAAAACAGCATGATTAATGTGATA---GAGTATATGTCATGTTTTAGGTGTGATGAACA	73798
Kakapo	AAGTTTCACTCCTACTTCTGTCAAGATGCTATTTCTTCAAATGGAATAGTACTCGGGCATAATCTGCTGACTTTTGTAG---	37598
GoldenEagle	AAGCTGAGTTTCAA-----GCACAGGAGTTTCTCTTAAATTGCTAAGTATTTGTTGAGACAATGCTAGACTGTCAGGTT	44698
JapaneseQuail	ACAAAAGGATCCAAAGGATACAATAAGGATACATCTCTTGAGAGA-----TTTACAGTATAACCTCTAAGCTACCTTAGC	33067
MediumGroundFinch	AAGCTGAATCTCAA-----GCATAGGAGTTTCTCTTAAATTGCTG--T--TTGTTGATATAATGCTTAGATTTTCCAGTT	21888
GoodesThornscrubTortoise	AAATAAGGTTTTAAAAATGTTTAAAGAAGCTTCATTTAAAATTAATTAATAATGCAGAGCTCCCCCGGACCGGTGG-CC	68897

Majority	TGGAGACATGTTTTGTTATTTTGATATTTTTGAACTTCCCATT-ATAGTAATTTT-CATTATATTGCTTACT--TATT	
	74650 74660 74670 74680 74690 74700 74710 74720	
Human	TTCAGTTATGTGTGACGAATAGGATAATTGAAAAATATGAAAG-GCTATGATGCCAGAAAGTATTATGGGACA--AGAT	73875
Kakapo	--AAAACCTGATTTATTCTGTT-GTGATCATTTGTTCCCTCCACT--TAGTCTTTTC---TCATATTTTCTTCTTT-CATC	37669
GoldenEagle	TCTATACTTTTTTTTTTTTTTTGGTATTATTTTATTTTCCATTACTTGGAAAGTTGGAACAATACTGACTGACT--TATT	44776
JapaneseQuail	TGGAG-TATGTTTTGTGAGGATCAATTTTTAAAAATTTTTATT--TATTTACTT-----TGTATTCTTTTATTT-TCCT	33138
MediumGroundFinch	--AAG--TTTTTTGTTCTAT--ATGTTTTTAGAACTTCCAAGCTATGGCAAAAT--AATTACATTGACTTACA--CATT	21957
GoodesThornscrubTortoise	AGGACCCGGGCAGTGTGAGTGCCATAAGTTGCTACCTGTGATATATAGTAATGTAAGAGTAAAGTATTATAATGATGTT	68977

Majority	GTTATACGTTGATTTATACTGGTGGTA-----ATTTAA-GAGCGTTGGAGATGTTAGCTGTGTTAATA--TA	
	74730 74740 74750 74760 74770 74780 74790 74800	
Human	CTTAAAACCAGTGTACCAGGGAGTATGA-----ATTTAA---TATGGGAATTCTTAAACTCCTTTATGACTG	73941
Kakapo	AATTCCATT--TTTCTTCTAAAGAAA-----ACTTCA-GAGCAACATAGATTTCA--TGCCTTGGTT--TT	37729
GoldenEagle	CTTGTACACTGATTCATAATGGTGGTA-----ATTTACAGCCCTGGAGATGTGAGCTGTGGTAATA--CA	44841
JapaneseQuail	GGTACTTGTC-ATTTTTAATAGTACTA-----ACTTAT--GTGTTCTTAATATTAGCTGTGATAATA--CA	33199
MediumGroundFinch	GTTTTACGTTGACTGCCAGTGGTGGTAGTTCTTTAAGTGATTTTGTGAGCCCTGGAGATGTCAGGTGTGATAATG--T-	22034
GoodesThornscrubTortoise	ATTATTATCC--TCCATATAGGTATTACAAACTCTGGAT-ATTCAGTTAAGGTTAAAATTTAAAAGAAATTCAGACA--CA	69052

Majority	-TTTGTGGGAAT--GGACAGCCTTGCTGACCCAAGCCTGGCATAGTGGTGTCTGTTGGATGTTTCAGTTTT--CAGATGCA	
	74810 74820 74830 74840 74850 74860 74870 74880	
Human	GAAGATGAGCATCAGAGTGTCTGCGACCATTTGATGATATTAT-GTACCAAGTTTTAGATGTTTGGCTTTTTTCAGGTTA	74020
Kakapo	-GGTACAGGATG--GGTCAGCTT---GAAGTAAGTCTGAGCTAATGCAGCTCTTTGTGTTAGAGAAGT--TAGAAG--	37798
GoldenEagle	-TTTGTGGGAAG--GGACAGCCTTGCTGGCCAGACCTAGCAGAAGGGTGTCTGCGATATGTTTCAGTTTTC--CAGATGCA	44916
JapaneseQuail	GCTTGTAGGAAA--GGACGGACTTGCTAACCCAGACATAGC---GAGGTGTCTGTTGGTCACTCAGTTCC--CGGATTCA	33272
MediumGroundFinch	-TTTGTGGG-----GACAGCCTTTCTGGCCCAAGCCTGGCAGAGGGGTGTCTGTAAGATGTTTCAGTTTTC--CAGATGCA	22105
GoodesThornscrubTortoise	GTGTAAGGCATCCAGGCAACCTT--AACTCCACCCTGTAATGATGTTGTGCAATAACCATACTGTTATAACTAATGCA	69129

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Majority	TGAC----	TGTGTGAAAACAGCT-TG----	TTTCATG--	TAGAGGGCTCATTAGT	TTTGT----	GCAGTGCT-TAGGTC	
	74890	74900	74910	74920	74930	74940	74950 74960
Human	TGAA----	AGCGGGGATGAGTTAAGA	ACCAGTCTGCTG--	TGAAGGATTCATCAACT	ATTTT--	TAG--GCAGT-TGGGTA	74089
Kakapo	GCAC----	TTTGTGAATGCTGT-----		GAGCCCAGGAAAAGGGT	-----	G-AATATT-GTAGTT	37846
GoldenEagle	TGAC----	TGTGTGAAAATAGCTATGTT	GCTTCCATACCAGCAGG	CACACTAGGTTTGT----		GCAGTGCT-TGGCTC	44986
JapaneseQuail	TTGC----	TGTATGAAAACAGC--T----	TTCCATGGCCAGAAGGC	CTAATAGTCCAT----		GCAGCACT-TAATTC	33335
MediumGroundFinch	TCAC----	TGTATGAAAATAGC-----		AGGCACACAAGGTTTGT	-----	GCAGTGCT-GAGCTC	22154
GoodesThornscrubTortoise	GAATAGC	ATTGTGGTCTCAGGTTAG	TAAACTTATTTTTTAAAG	ACATTATATATTTTGT	TACTAGTATCGCTACAGG	C	69209

Majority	AAAGTGG--	TAAGTCCTTTTA-GAACT	TTAATGTG-TTGGGAT	GTACATTGCAG---	GTA	AAATCAAGC-TAGCTGT--	C
	74970	74980	74990	75000	75010	75020	75030 75040
Human	AAAA	TGACCAATTTAGT	TTTTAAGAACTGACTGT	GGCTCCAGAGTATGTT	GGAGAAGTGAAAAT	GGAGACTAGGAATAAC	74169
Kakapo	AAGG-----	CTACT--GAAC--	GCTGTG-CTA-TATCT	GCCTTTT----	CTAAAATCAGAT-CACT	TG--A	37900
GoldenEagle	AAAA	TGA--CAAGTCCTACCA-	GAACTT	TAAATGTG-TTGGGAAGT	ACTGCAG---	CTGTAACCAAGC-TAGCTGTG-C	45057
JapaneseQuail	AAAA	TGG--TACATCTTTTCA-	GAACTT	TAAATGTG-TTGGAA	TGTGCATTGCTG---	GTAAGCTAAGC-TAGCTT----	33403
MediumGroundFinch	AAAG	TAG--TAAGCCCTACCA-	GAACCT	TGGATGTG-TTAGCAAGT	ACTGCAG---	ATGTAACCCTGC-TAACTG--C	22223
GoodesThornscrubTortoise	GAAGT	TCCCTAACTGATTTTC-	ATACTT	TAACTTT-TTGGGATTT	CTTTTAAAG---	GTAACCTTAACTGTAAATATC-C	69283

Majority	AGGAGCT--	ATTTCTGGTCCAG--	AAGTTGTACATTT	CAGTCCAGTATTGC	ACTCTAAACAAATG-----	T-GGAATAT
	75050	75060	75070	75080	75090	75100 75110 75120
Human	AGGTGGG	AGACTATTAGTCTAATTA	AGATGTAATTATAAAT	CTAAGCTAGGAACG	TAAAATGAGAA-----	T-GCAAAGT 74243
Kakapo	AGGATAC--	ATTTCTAT--GG--	A-GTTGTAAATCCA---	CATACTCCCACCT	CCCACAAATT-----	TTGGAATGC 37964
GoldenEagle	AAGAGCT--	AGCTCAGGTTCCAG--	AAGTGGTACATTT	CAGTCCAGCATT--	AATCAAGAGAAACA-----	AAAGAT 45122
JapaneseQuail	-----	TCTTTGGTCCAG--	AGGTGATGCGTTT	CTGTCCAGTATT--	ACTCAAGAGAAACG-----	AAAGAT 33460
MediumGroundFinch	AAGAGCT--	AGCTCAGGTTCCAG--	AAGTGGTACATTT	CAGTCTAACATTT	CAGTCCAAACAGATGT	GTGTATTTGAAAAT 22299
GoodesThornscrubTortoise	GGGTTT	TGTAATGCTTGT	TTGG--GGGCTAATCT	GAACATCCCAGTAAT	GTGTTTCAACCATTGAAT	---TACTGATAT 69358

Majority	TTGATTT--	TTGTATTTTCCAGTGTA-	ATTTATGTATTACT	GTATGATTTCTATTT	TGATGTAG-TTTATATTT	TAGGATAA
	75130	75140	75150	75160	75170	75180 75190 75200
Human	AAGAA	CAAAATATGGGGAAAAT	TATATGTAAAAGTAAT	AGGACTTGGCATCTT	ACTGATGTGA-TTGAT	TATGAGAAAAA 74322
Kakapo	TCGACTT---	CACATCCTCCAGTCTG-	ACTTGCAAAGCACT	GTATCACTTCTAGCT	TACAGCAG---	GA-GTTTGGGGAAG 38036
GoldenEagle	CTGATTT--	TTGTATTTGGAGGTGTG-	ATTTGTGTTTTT	CACCAT-GTGTA	TATATGAGGTAGTTTT	TATTTAATATAA 45198
JapaneseQuail	CTCGCTT--	TTGCATTTGAAAGT	CCAAATGTTTCTA---	CTGAATGATCTGTG	TTCTTGAA-----	ACATT-----AAA 33526
MediumGroundFinch	TTGCTTT	TATTTGATTTTTT	CAGTGCATATGTATAT	ATATATATATATATAT	ATATATATATATGGT	AGCTTTATATTTAGCATAA 22378
GoodesThornscrubTortoise	GTACTCT	CAACTTTCAGTCCAGCT	TAA-ACATAGTTCT	GATTTGGGAATTT	CTTTTTTATTTAATTT	TAAATGTTCCAGGTAT 69437

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Majority	TGACTTGATTGAATGAT---TCATTAATTTTTAGAAATGTGCTGTTAATCTTTATTTCCCTAGTATTTGTTATTAATC-TCA	
	75210 75220 75230 75240 75250 75260 75270 75280	
Human	TGAAGCATGTGGAGGAGTCCACTGGACAGTAGGAAATTCAGCCTAAGACTTGGGTAAGAGTTCCTGTGGAGTTGTGAATTC	74402
Kakapo	TAAAAATACTGTAAGAA---TCCAAAGTCTGAAGAACCCTACTGCTGAAGTTTATTTCCCTGTTTTCTCTTTAACT-TCC	38112
GoldenEagle	TGACTTGATTGAATGG-----ATTAATTTTTAGGATGAGCTGT--ACCTTTACTTCCTAGCATTTCTGAAGAATA-TAA	45269
JapaneseQuail	TAACCTGCTTTAAAAAG---T--TCTATTTCTTCTGTGTAGCATTAAGAGCTA-TACATACTATATGAAAGCATGC-TCA	33599
MediumGroundFinch	TGAATTGATTGAATGCTAATTTGCTAATTTTTAAGATGAGCTGC--ATCATCACTTCCTAGCACTCCCTAAGAAT--TAA	22454
GoodesThornscrubTortoise	GAACACTAAACAAGAAATGCCAAAGAGAATGTTACAATGTGATATTTCTAATGATTTGAAGATGTATATTATAAACCTTCA	69517

Majority	AGTTGCTT-AATTATTAATAATTT---CTGTGTTTTAAATC--TATGATATTTAAATG-TTAGTGATTAGAGTGTAAATGA	
	75290 75300 75310 75320 75330 75340 75350 75360	
Human	AGAGGCCAGAGATGTGATATTTAAAATTTGGTTCAAGATTTCCAGGTATAAGAAAGCAAGAGGATTAAGCATTGTAA	74482
Kakapo	TATTGTTT-AAGTATTGAAATCT---CTCTTTTCACGGGTTGATAGGGCAGGTGGATGAGTATTTGTAAGTGTGACACCA	38188
GoldenEagle	ACCAACTT-AGTTACAAAAATGT---CCAT-TTTTTAAATC--TCTCATATTTAGCTG-TTAGTGCTTCAACTGAAAGAA	45341
JapaneseQuail	AAATGCTA-ATGGAATTAATA---GTCTGATATAGAATG---AGAATAGTCAAAAGTCAAATAATTAGGTCTTAATGG	33672
MediumGroundFinch	AGTGACTT-TATTACAACAGTTT---CTGTATTTTTAAGTC--TGCCATATTTAACTG-GTAGTGCTTAGAGTGAAAGGA	22527
GoodesThornscrubTortoise	TTTTATTCCAACTTTTAGGACCA---TTGTCCCTAACACCTATATTTCCCTTCCTTAGTCACACACCCTTCCTCCTCA	69594

Majority	TAGGTGTGCCACAAATGTATATGGAC----TCAAGTTAAGTTATACTTATTTGCCTTGTGTTAA-TAGGTATAATGTAG	
	75370 75380 75390 75400 75410 75420 75430 75440	
Human	TTAAACTTTAAGCAGTGCATATTTATG--TTATAGATAAGATAAA-CAAGAAATCTAGGGATCAAATAGGATTAATAATTA	74559
Kakapo	TAGGGATGAGTGCTATAGAATTGCCC----TGGAGGCAGTTAGTAATCTTTGGTCAGCACGTAA-TAAGTAGAATTCAG	38263
GoldenEagle	-AGGTGTGCCCAAAATGTAATGGAA----TAAAATCCAGGTATATCAATTTGCCTGGTATATAA-TGAAGATGGACAAA	45415
JapaneseQuail	AAAGCGTTTCCAC-ATAGATGTGGTA----CCATGGTAAG-AGTCCATGTGAATTCGTGTTAG-TAGGCATCCCCTAA	33745
MediumGroundFinch	-GGATATGCCCAAAATGTAATGGAC----TCAAATCCAGGTAT--TGACTTGCCTGGTGGATAA-GGGAGATAACGGAG	22599
GoodesThornscrubTortoise	GTGTTGCTTTCACATATCTCTGTTCCATCCACCCTGAGTTCCCCTTCCTAACCTTCTGTCAAGTCAATATGGTGCAG	69674

Majority	ACAGTGATAATTAGGTATATTT-TTGTTTATTTTT-TATACTTTTTTATAGCATTATTTTAAACAGGGAATGTGAGTTTCA	
	75450 75460 75470 75480 75490 75500 75510 75520	
Human	GTAGTGATCATTCAGTACAGTAGTTACGTACTGTTATTCACAAGAGTATATAAATCAAATTACAAGGAATTAAGGATATA	74639
Kakapo	ACATGGGGCTACAGTCATATTA--GCTTAAATGC--AC-CTCTTTAAATGCACTGTTTTTCCAAGCAGCAGGAAAATCA	38337
GoldenEagle	ACATACATAATTAGGTCTTTTTAGAGAGTGTTTTCATAGAGTTCTAAGTAGTGTGTCATGGTAAGAGTTCCACGTGAATTTCA	45495
JapaneseQuail	GAAGTAAGAATTGGGAAAATAG---GATTTTCTTT---TATTAAGGTGTAGCATTAGACTAGCAGGTAATGGGTCTTTTG	33819
MediumGroundFinch	ACACACATATATATATATATGT-GTGTGTATATGT-TGGATTTTTTACAAAAGTGTTTTCATAGAGTAC-TAGTTGTCA	22676
GoodesThornscrubTortoise	AGAGTAGTTATTGAAAATAATTTTCATTTTTGTCTGTCATCTGCATAACTTGGGTACTTCAACAAGGACT-AAAGAATAA	69753

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Majority      T-T-TTTGTAGGCAATTTTTCATAAGTTTCACTTAATATG-TTGTTCATAGTATTTTTTAAAGGATAGT--GTTAGAAACA
              75530      75540      75550      75560      75570      75580      75590      75600
Human         AAC-GTGATAAGAAAGTATGCACTGTACTCTTTGAGGAAGTTTGCCATAGAAAGGAAGAAGAAATAGGATGGTA-GATCA 74717
Kakapo        ----AAGGTAGACGA-CATGAGTAAGTTGCAGTGGAG-T--CAGTCAT-GTTTATTTTGATGAGTAGT--GC-AGATACT 38405
GoldenEagle   C-TGTTAATAGGCAACCTTTCAGAAGTACTAATTAAT-TG-TGAAAATAGGATTTTTTTAAAAAAGT--GTTAGTAACA 45570
JapaneseQuail TGTTGTGTATGTGTGTTTTGTTTTGTTTTCTTAAAATT-TCGGCACAGATTACTTCTAAGGGGAGA--GT---AAA-A 33892
MediumGroundFinch --TATTAATACACATTCTTTTAGAAGTACCAATTAAT-TG-TGAAAAT-GGGTTTTCTAAAAGAGAGT--ATTAGGAACA 22749
GoodesThornscrubTortoise@GT-TCTGCGGATAATTCCACAAAGAAGGGGCTGGATAGG-GTGTTCATCGTATTCGCAAAGGCAGTTTGGCTTCATGTA 69831

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Majority      TTAGGTTAGCA-GTTAGAGTTGGTTGTCTTTCT--ATTTAGGCACTATTTAT-----CTTAAA--AGGGAGAAGGGGAGC
              75610      75620      75630      75640      75650      75660      75670      75680
Human         GAAGTAAAGCAGGACCCAGTGGGGGAGTGTTCAGTGAGGCAGTATGTATAATCATTTAAAACATGGGTTTGGAGTCC 74797
Kakapo        ATAATATGGTT-GCTACATTACTTTCTCCCTCC--ATAAAAGCATTCATTGT-----TTGGAA--AGAGACTTAAGGGAG 38475
GoldenEagle   TTAGGTTAGCA-GGTAGAGTTGCTTTTCTTTCA--ATTTTGGCACTAATTAC-----CTTGAA--GGGGAGAAGGAAAAC 45640
JapaneseQuail GCAGGCAGG---AACAAATTTGGTGGTTAGC---TTGGAGCCATCTACTAT-----ATGATG--TGTAAGCCTTGGGGT 33959
MediumGroundFinch TCAGGTTAGCA-GTTAAAGTTGGTTTTCTCTCA--TTTTTGGCACTATCTAC-----CTTTAA--GAGGAGAAGGGAAGC 22819
GoodesThornscrubTortoise@ATTGTTCCCA-ATAGGAGTTGGTGGCCATTTTGAAAGAGGGAACGTTCGC-----CTCATTCATTGAGAAAAATAGT 69905

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Majority      ATGCAGGAATTATGTTTATATGTGCTTTATCAGATGGTTGTCTGTTGTGTTTTTGAAG-GTTTAGATTTTTCTT-----C
              75690      75700      75710      75720      75730      75740      75750      75760
Human         TCTCAGGTTCCATGTTTGTAAATGGACATAAT--GATAATAATCCCTTTCATTTAAGGCTGTTGTGAGGATTAATGTGTT 74875
Kakapo        CTGGATCCATTTTCTA-ACGCTGCTCATGGCCAGTTGGGTGAGCTTTGAGTTGTCAA-ATGGGAATGGTGCTT----- 38547
GoldenEagle   ATGCAGGAACAATGTAATATTCAGCTTTAACAGATAGCTGTCTAACATGATATTTAA-GTCTAGATTTCTGCCCCGCC 45719
JapaneseQuail TTTTTTGGGTTTTTTT--GGTTTTTTTTTTT---TGTTTGTGTTGTT-TGTTTTTTGA-GATC-----TTCTT----- 34019
MediumGroundFinch ATGCAGGAATAATGTATATATATGCTTTAACAGATGGCTGTCTAACATGGTAGTGAA-GTCTAGATTTTTTTT-----C 22893
GoodesThornscrubTortoise@GATAGTAACCATTTTTAAAGAGAGCATTTTTGTGTAATTATCGGTCTGATAGTAGCA-GTACCCTCAACCCCC-----C 69979

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Majority      TCAGTTC AATTTTCCATGTAAAA-----TCT-TGGTTTTTGGTTTGGT----TTTTCTTTTTTTTTTTTACTTTGAGA
              75770      75780      75790      75800      75810      75820      75830      75840
Human         AATGTGCAAATAACTTTACACAGTGCCTGGTATATAATAAAT-GCTTGCTACCTATTAAGTATTTGTTTCTAAGGCT 74954
Kakapo        ---GTTTGAAT----ATGAAAA-----CA-TGGTCTCAGTCTGG-----GCTCCTTACTGTGCAAAAAGGCACAA 38606
GoldenEagle   TCAGGTCAGCTTTCCATATAAAAAGACTACTTGTGTGGTTTTTGGTTTTTGGTGTGTTGTTTTTTTTTTTTTCTTTGAGA 45799
JapaneseQuail --AAGTCAGCTTTT--TGAGAC-----T--ATTTCTGGTCTGAT---TTTTATTTATTTATTTACTTTTTGA 34079
MediumGroundFinch TCAG-TTGATTTTCCATGTAAAA-----TTCT-TGGCTTTTTGTTTT-----TGTTCTTTTTTTTTTTTTTTTGGAGA 22959
GoodesThornscrubTortoise@CCCCTCAATTAATCCTAAAAAA-AA-----GTTTTATGATATAGC---CAATTTCAATGAGTTTACATTGAAG 70045

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Majority	AATTTA---TTTGGCATT--ATGTCTGAATTAAGCTGTACTTTAGAATACAGGTT-----CATTATCTTTATTAGACA	
	----- ----- ----- ----- ----- ----- -----	
	75850 75860 75870 75880 75890 75900 75910 75920	
Human	AATTTAAGTCCTAGAATTGATTGCAAGGATTAGATCAGGAGTATAGTGGACATGTTGGGATTTAAATATTTAAATATAGA	75034
Kakapo	AATAGA---AGTGACAT---AAATAAGAA---AGGGCAAAGGATAGAAGAAACCCT-----CAAAGCTTCAATGGACA	38671
GoldenEagle	AATTTA---TTTGGCATT--ATGTCTGAATTAAGCTGTACTGTCTGAATACAGGTT-----AGTTATCAATATTTCAACA	45868
JapaneseQuail	GAGATG---TTTGGCATT--TTGCCTGCATTAAGCTATACTGTGGAATACAGATT-----CATTATATTCAGCAGAAA	34148
MediumGroundFinch	AATCTC---TTTGGCATT--ATGTCTGATTTTAAAGCTGTGCCTTGGAAATGCAGGTT-----AATGAGCTGTATTCGACA	23028
GoodesThornscrubTortois	6ATCTA---CCGTATTTT--GTTGTTGAGATCATTTGGGGACTTCAAGAAAAACCTATTAGAGCGCTAAATTTCTTAAAGA	70120

Majority	GTTGATTTTTT-AACTTTTGAC-TGCGTTAAA-ATTTTTCTTGCCACTTTGGTGCAGAAA-----TGTAGGTACTAAG	
	----- ----- ----- ----- ----- -----	
	75930 75940 75950 75960 75970 75980 75990 76000	
Human	GATGCTTTTTTAGGACCATTGTTAGAACCAGAAGAGATTTTTTACCAAGTTCACACAGAAA-----TGTAGGTGCATTG	75107
Kakapo	CTTGCGCCTGC-AATTTATAGC-TGCGTT----TTTATTCAGAGACTCAAAGGAGAAGG-----TTGAGAACACTCAG	38739
GoldenEagle	GCCTAACTTTT-AAGTT-TGAC-TGCATTTAAA-ATGTATCTTGCCACTTTGGTGCATA-----TCTAGGTAAGAGA	45935
JapaneseQuail	TTTGATTGCACCAACTTCTTTG-CACCTTGCT-GCATGAACCGTCTCTTGGTAAGAGAA-----ATAAATGTCAAG	34217
MediumGroundFinch	GACAAAATTT--AAATT-TGAC-AGTGTGAAA-ATGTCCCTTGCCACTTGGGTGCATAAAAACAGTTTCTAGGTAAGAAG	23103
GoodesThornscrubTortois	@TCCATTATTTTAAATTTTAAATGCAAATTAATTGATTTACTTGTAAATCTCTTAAGTCCTTCTGTATTTAAAGAGTGAG	70200

Majority	TGTTAACATGGAGGTTCTCTG-----GCATCATGTTGAG--AGAGGTTAATGCATTTTAAATTCAGTTGGTTTTAAG	
	----- ----- ----- ----- ----- -----	
	76010 76020 76030 76040 76050 76060 76070 76080	
Human	GCTGGGCATGGTGGCTCACACCTGCAATCCCAGCACTTGGG---AAGGCTGAGGCAGAAGAACTGCTTGAGGCCAACAT	75183
Kakapo	TTATAATATGGAGGTTGGCA-----A-ACTGCGATGTG--TGAAT-ATGGCAGAATGATAGCAG-TGACCTTCCT	38805
GoldenEagle	AGTAAACATCAAGGTTCTCTG-----GAATCGTTTTTAAA--AGAGGTTAATGCATTTTAAATCTTAATTGGTTTTAAG	46004
JapaneseQuail	TA--AACATCGAGCATCCGG-----GAGTCATGTTAAG--AGAGGTTAATACATTGTAATCTTAATTAGTTTTAAG	34284
MediumGroundFinch	GG--AGCATGGAGCTTCTCTG-----GCATCATGTTGA---GAGGTTAATGCATTTTAAAT-----TGGTTTTAAG	23162
GoodesThornscrubTortois	@GCTGTGATGGCGGTGCTGCTGGTGGAGGCAGCACATGGAGCTAGGAGCTGAGGGAGAGGAGCTCCTGTCACCTATTCA	70280

Majority	CTAGACAGTAAGATGGATAA-ATATCTATACGCTGACCTTCTTTAAAAATACAACCCTATAAT-CCAACAACGATGCTT	
	----- ----- ----- ----- ----- -----	
	76090 76100 76110 76120 76130 76140 76150 76160	
Human	TTTGAGACCAGCCTGGGCAACATATTAAGACCCCGTCTCCACCAAAAAAAAAAAAAAAAAAGAAGTAGGTGCAGAGCTGGAA	75263
Kakapo	CCTGCTTCTTGCTTTGAATA-TTTTATTTCTTTTATTGCTTTAGAATTGCGAGCTCTGTAATGTCACCTAACGATACCT	38884
GoldenEagle	CTAGACAGTAAGATGGATAA-ATATCTATACGCTGACCTTATTTAAATAAACAACAACCACCAC-CAAACAAAAATAATT	46082
JapaneseQuail	CTAGACAGTAAGAGGGATAA-ATAATTACATACTGATCCAGTGCAAC----CAACCTATAT-----T	34341
MediumGroundFinch	CTAGACTGTAAGACAGATAA-ATATCTATACACTGACCTTCTTTAAA-ATAAACAACCAA-----AAACCCAGCC-TT	23234
GoodesThornscrubTortois	@GGAGCCCCCCCCAGTAA-GCACCTCTCGCACACCAGTCCCCAGCCCTGAGTCCCTCCAAACCAATCTTC-TGCTG	70358

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Majority	GTGGAACCAACTTGTCTGTGTTGTTTTAAATTAATTGT-GCTCCTTTTTCCAGGCCTTAGATGGTCAAATATTTATA	
	76170 76180 76190 76200 76210 76220 76230 76240	
Human	GCAGAACCGAAATCATCAGTGTACAGTCATTATTCTTCTGTCCATTATATGTCTTTATGAAGCAAGGGAGAAAGA	75343
Kakapo	TCAGAGGGTACTCAGTCAGTGTCTGCTCGCCATTCCACAGATGGCTCCCAAAGGCATGTTTCTCCATGAAAGAGTGG	38964
GoldenEagle	ATGTAACCAACCTGTATTGTGATTTTTTAAATAAATTG--ACTCCCTTTTTCCAGGCCTTAGATGGTCAAATATTTATA	46160
JapaneseQuail	GTGTA-----T-----TATTTATTTTAAATTAATTGT--TTCCTTTTTGCAGGCCCTTAGATGGTCAAGATATTTATA	34406
MediumGroundFinch	GTGCAACCAACTGTTATTGTG--TCTTTTAAATAAACTGT-GATCTTTTTTCCAGGCCTTAGACGGTCAAATATTTATA	23311
GoodesThornscrubTortoise	GTGGGGCAAGGGGGCCTGAGACTGCCCCAG--CAGCTG--CTGCTGCGACTGGCCCATGGGCTGCCTGAGCTGCTCAG	70433
Majority	ATGCTTGCTGTACCCTACGGATTGATTTTTCCAAGTTGGTGAATTTGAATGTCAAGTACAACAAAGATAAAAAGC--AGTG	
	76250 76260 76270 76280 76290 76300 76310 76320	
Human	AGAACAGATGAAAGAAGTGAAGTGGTTGAAAGATTTGATTGAATTTCTGATCTAAAAATTATAAGGCACTT	75423
Kakapo	AGCTCCGTTTTGAGCTTCGTGTGATGCTCTTCAGGTTCTTTTGCATGCTCAAAAAGAATACCCTAAATGGAACC--TGTG	39042
GoldenEagle	ATGCTTGCTGTACCCTACGGATTGATTTTTCCAATTTGGTGAATTTGAATGTCAAGTACAACAACGATAAAAAGC--AGGG	46238
JapaneseQuail	ATGCTTGCTGTACTCTACGGATTGATTTTTCCAATTTGGTGAATTTGAATGTCAAGTACAACAATGATAAAAAGC--AGGG	34484
MediumGroundFinch	ATGCTTGCTGTACCCTACGAATTGATTTTTCCAATTTGGTGAATTTGAATGTCAAGTACAACAACGATAAGAGC--AGGG	23389
GoodesThornscrubTortoise	GCAGCTCCCAGGCCAACACAGGGGCCCGAAAGTTGCGGCATCCG--TGACCTGCATGACAAACATGGAGCCTTACTG	70511
Majority	ACTACACTCGTCTGATCTTCCATCTGG---TGATGGTCAGCTAGCTCTGGACCCAG--TCATTGCTGGAGCATTGCTA	
	76330 76340 76350 76360 76370 76380 76390 76400	
Human	GTTTAAACAAGTTGAAAGTAGGAAAGTAGACATAAGACTCTACTAGATTTGGGGAAACTCTCAAAAATGGACTGGAAATTC	75503
Kakapo	GC-ATTCTTGTAAAAATCCTTGCTGTAC---CTGTGCTCTTATATGTATATAATGAGA-TCATTAACAGAAAATGTGGTG	39117
GoldenEagle	ACTACACTCGTCTGATCTGCCATCTGG---TGATGGACAGCCAGCGCTGGACCCAG--CCATTGCTGCGGCATTTGCAA	46313
JapaneseQuail	ACTACACTCGTCTGATCTTCCATCTGG---TGATGGACAGCCAGCGCTGGACCCAG--CTATTGCTGCAGCATTGCAA	34559
MediumGroundFinch	ACTACACTCGTCTGACCTTCCATCTGG---CGATGGACAACCAACTCTGGACCCAG--CTATTGCTGCAGCATTGCCA	23464
GoodesThornscrubTortoise	ATGAGACTGCTAAAAATGATTTGATTGT---TGTGCTTAGTT--TATTTGAAAAGC-TGTCCAGTAGGGTTTTCACTG	70585
Majority	AGGAG-ACTTCTCTTCTAGGTATGATTTGACTTTGTTGTTATGTGTTGCATAGTTATTTTCATGAAAATATTTATTAATC	
	76410 76420 76430 76440 76450 76460 76470 76480	
Human	AGCTAAAAGTGGATAACAAAATATTTCTAGAATTAGCATTGTGGGGTGTGTGTGT-TTCACTCTAGTATTTGTCAAGC	75582
Kakapo	AGGA---C-TCAGTTCTGGCTTTTGCTTATGTTATGCTATTATATGCTGGATAGTTGTACATTAGATGCTTTTTTTTGT	39193
GoldenEagle	AGGAG-ACATCTCTTCTAGGTATGATTTGACGTTGTTCTTTTGTATTGCAAAGTCACTTGATGAAAATGTTTATTAATC	46392
JapaneseQuail	AGGAG-ACTTCTCTTTTAGGTATGACTCTGACTTTATTTGTTATGTGTTTCAGAGTCACTTGATGAAAATACTTATTAGTC	34638
MediumGroundFinch	AGGAA-ACCTCTCTTCTAGGTATGATATTTACATTTCTTCTCTGTATTGCAAAGCCACTTCATGAAAATATTCATTAATC	23543
GoodesThornscrubTortoise	ACAACCTGCTTACCTACCTGGCCAGATTTGAACCAGGGGCAATAGGGTGCATTTGTATTCCATTATCAATCCCCACATC	70665

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Majority	CTTC----TATCA-ATTCTAAATCTTAAATTGCAATAGT----GTCCTAAGTCTCTGTT---CAGGGTTCAGTCTATTTTG	
	----- ----- ----- ----- ----- ----- -----	
	76490 76500 76510 76520 76530 76540 76550 76560	
Human	CCAGATGAAAGCATAGACAGAATGTAAGACTGGATTTATCTAAGTCTGGAATTGTGTAACATTAAGGAATAGTAGCAA 75662	
Kakapo	GGCT----TTTTA-ACTCTCTGCTGTAATCTGTA----T----GTCAGAAGTGAGGTT---TAGGTTTAATACGATTTTG 39257	
GoldenEagle	CTTC----TAACA-GTTAAAGATCTTAAATTACGATACT---GTCCAAAGGCCATT---CAGGGTTCAGTCTATATTG 46460	
JapaneseQuail	-----T-----TAAATTGCAATAGT---GTCCTGAGGCTA-----TTCAGTTTATGTTG 34680	
MediumGroundFinch	CTTC----TAACA-A-----CTTAAATTACAATAGT---GTCCAAAGACCCAGG---CACGGTTCAGTCTAGATTG 23603	
GoodesThornscrubTortoise	ATCCAGATTCTAA-ATACTAAATATTTATTTCCCTTTCT---TCTCTAGACTGTGGC---CTGGAGAGGGATAGCTCAG 70737	

Majority	TGGTCTGAGTTTTAG--TAA--CATAAT-TGTGTTGTCTTTTGAAGCCCTGCATAAG-TGAGT---GAGAGAATGCATGA	
	----- ----- ----- ----- ----- ----- -----	
	76570 76580 76590 76600 76610 76620 76630 76640	
Human	TGAGCAGAGTGTGGCTCAAGCCTAAGCTTGAGCCTAAGCTTGACTCTATGGTAAAGTCAAGTCAAGGGAGAATAGAAAAG 75742	
Kakapo	CAAGCTGAGTTTTAG--TGA--CAGAAATGTGGGCTTGGTGTTTAAATCTGCATTAA--TACT---AAACCATTACATAT 39328	
GoldenEagle	TGATCTGCATTGTAG--TAA--CACAAT-TATATTGTCTTTAGAAGTCTGCATAAA-TGAGT---GAGAGAATGCATGA 46531	
JapaneseQuail	CAGTGTGAATTCTAG--CAA--TATAGT-TGCATTATCCTTAGGAGCCCTGGAGAAG-TGAAT---GAAAGAATGCATGA 34751	
MediumGroundFinch	TGGTCTGAATTGTAG--TAA--CATAAT-TATATTGCCTTTAGAAGTACTGCAAAAAATGAGT---GAAACT-TGCATGA 23674	
GoodesThornscrubTortoise	GGTTTGAGCATTGGCCTGC--TAAACCCAGGGTGTGAGTTCAATCCTTGAGGGGGCCATTT---GGGGATTTAGTTGG 70812	

Majority	CAAT--ATGATAAA-TGCACAAAGTATAAGAAAAGGTCAAGTTAGTTCAGCTTG-TGTTCCAAAGTCTGA--TCCTTCCA	
	----- ----- ----- ----- ----- ----- -----	
	76650 76660 76670 76680 76690 76700 76710 76720	
Human	GGGGTCACCATAAA-GGTCAAAGTGGGTTTAGTGGTGTGTGGGAATAGGCAGATCAAGAAAAGAAATGAAGTTAGGAAA 75821	
Kakapo	CTCT--GTTTCCTTCTGGATGGAATTAACCCTTTGCTTCAGGAAATGGAACTTTATGATGCAGTGTAGGAA-CACTTACA 39405	
GoldenEagle	CAAA--ATGAAAAA-TGCACAAAGTATAAGGAAAAGTCAAGTTAGTCTACTTT-TATTTCCAAATCTG---TCCTCCCG 46604	
JapaneseQuail	CAA---ATGAGAAA-TGCACAAACTATAA-ATAAGCTCTCGCTCTGAATGCGTG-TCTTCGATTGTACCG--TTGTCCCA 34823	
MediumGroundFinch	CAAA--ATGACAAA-TGCACAAAGTACTAGAAAAAGTCAAGTTAGTTCAGTTTG-TATCCCAAAATCTG---TCCTTCCC 23747	
GoodesThornscrubTortoise	GGATTGGCCCTGCTTTGAGCAGGGGGTGGACTAGATCAGTGTACTCAAAGTGGTGGTCCATGGACCCATGTCGGGCTG 70892	

Majority	TCTGTCAT-GAGTGTGCTAGTCCGGCTGCTAGTAAC---GACCTTGCTAACTTTACCAGCCATGTTTT-----AAAAAA	
	----- ----- ----- ----- ----- ----- -----	
	76730 76740 76750 76760 76770 76780 76790 76800	
Human	GGAGATAT-AAGTGTGAATGACCATTACAAAAAGAGACAGAGGAAAGAAAATGAAGATGTATCAAAGAAGTTGCTAA 75900	
Kakapo	GCTTCCAA-AACTGTTACGCAGGGACTTGA AAA---GAACTTACTATCTCCTCCAAACCCATTT-----A 39466	
GoldenEagle	TCTTTCAT-GTGTTCCTGTGCTAGTCTACTACC---CACCTTGCTCACACTCCTACCCAAGTT-T-----GTAACA 46670	
JapaneseQuail	AATGACAG-AAAAATAAAGGGATGT-----GACACAAGTAACTTAAACAGCATTCTTG-----AAAGTG 34883	
MediumGroundFinch	TCTATCAT-GTGTTCCTGTCTGTGGC-----CACCTTGCTCACCTTCCCAGCTAATTTGT-----AAGAGA 23807	
GoodesThornscrubTortoise	GGAGTATCGGCAGCCAGTCCGAGCGAGTTTCTTAGAATGTAAGTACCAGAAGGGTTCATGCTTGGCAAAAAAAAAAAAA 70972	

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Majority	GACTGAGTGTGATGTGCATGTTTTTCATCATGTT-AATGCTTA----TTTG-TGATTTTCAGATTATGAAGCTACCATTTTG	
	76810 76820 76830 76840 76850 76860 76870 76880	
Human	TATGGATGGCAAAGTAGATGTTTTTAAGAAATCATGAGACCAGAGTCTTGGAAAAGTCATAGGATGATGCAGGGAATGGA	75980
Kakapo	GGCTCAGCATAAGAAGCAGGCCATTAACAGGTACAAAA--G----CTGG-TGGTTCCTTGACATAAAGCCACAAAAAAG	39539
GoldenEagle	GACTTAATGTGATTTGCATGTTTCATTCATGCT-AATGCTTA----TTTG-TAATATCAGATTATGAAAATAACATTTTG	46744
JapaneseQuail	TCCTGAGTGTCA-GTGAATGCTTTCATAATCTT-----TA----TCT--TGATTATTA---ATGGAGTTTTTATATTT	34946
MediumGroundFinch	GACTTAACATGATGTGCATGATTTCTTCATGCTGAATGGTTA----TTTG-TAATATCAGATTATGAACTAACATTTTG	23882
GoodesThornscrubTortoise	AAGGGAGGAAGGGGAGAAAAATAACAATTTAAATAATGCGGA----CTGAATGGGGCCAGTGGCTGGTATCCCAGACTGG	71048

Majority	CTGGATTCCTAGAATGGGGAAAGATTATGTTTTTGGTTATAGTAAGCTAATCTGGGTGTG-ATTTGTAATTTTGGTG	
	76890 76900 76910 76920 76930 76940 76950 76960	
Human	GAAGAGGGAAATAAAGCCAGGTGCTGAAGTCTTTATGTAATGGGAGGAGATGTTCCAGTAATCCAATGGCTATTTTGATG	76060
Kakapo	CTTCATACCAAGTCTAGGGATTAATCCAGTTCCTCAGTCACAGTTATGCACCTCCTGCATTAAG-ATGACTACTCCTGGTG	39618
GoldenEagle	TTGGTTTCCTCAATGAGGAAAGATTATGCTCTTTGCTTAAAAAAAAGAAATAAAGTTCTA-GTCTGGGATTTCTGTA	46823
JapaneseQuail	GAAGAAAGAGAGAGGGAGGTAACTTTTCTGCTTTTGCTAATGACCAGTTGCATGAGCTTTGTG-TATCTTAACTTTGCTT	35025
MediumGroundFinch	CTGGTTTCCTTCAAAGGGGAAAGATTATGTTCTTTGGTTAAAATACCCAAATCCTTTGGTGCT-ACCTGTAGTTTCTGT-	23960
GoodesThornscrubTortoise	CAGCAAGCTGAGCGGGCTGGCAGCTAGGACCCAGGCTGGCAGTAGGCTGAGCAGAGCTGGCA-ACTGGGACCCAGTTG	71127

Majority	GCAATGGGTAACATAAAAAAGTTTATCGTT-----GC----ATTTCTAGTGTTGT-----GT	
	76970 76980 76990 77000 77010 77020 77030 77040	
Human	GGAAAGAGTGTGGTATGATGGGTGGCATTGAC-ATCGGAAGCCATCCTCATTGATGGTGGTGGAAACAGCAGTTTGAAAG	76139
Kakapo	CCTATGGTTTTACACAGAAGTTCATCATA-----G----ATTTTTAGTCTAGC-----TT	39665
GoldenEagle	GAAAAAGGAAAAAAAAAAAAATCTGTAGTT-----GC----ACTTCTAGTGCTAT-----GG	46871
JapaneseQuail	CATCTGGCAAATAGAAATACTCTGATCTTT-----GCATTAGTTTCTCTTTCAT-----TT	35077
MediumGroundFinch	--G-----AATAAAAAATCTATAGCT-----GC----ACTTCTAGTGATAT-----GT	23998
GoodesThornscrubTortoise	CAGGAACCAACGGATGGAACCTCTTAGCCCGCTGCCAGCCGGGGTCCCAGCCACCAGCCCCGCCAGCCCTCTGCCAGC	71207

Majority	TAACTGAGTTCTGT---TTATCCTGTCA-----TAGCTTTTGTGTTTCATCAGAAGCTGTAGGTGGAGATGCTCTGAAAA	
	77050 77060 77070 77080 77090 77100 77110 77120	
Human	TAACATTGTGCGGTGAGGTAGAGTGGCACATGATGCATCCTTATTTCTTACCTTTGGAGAAAAGTTGAGGGAGACCAAAAA	76219
Kakapo	TAATTTGCCTCTGA---TTAAACTGTCA-----TTACTAATGTGCATTTTCAGAAGTCATGCAAGAAGATGCACCAAAATG	39736
GoldenEagle	TACATGAGTTCTA---ATATCCTGTC-----AGCTTTTGTAGTTCATCAGAAGAAGTAGGTGGA-ATGCTCTGAGAA	46938
JapaneseQuail	TGACTGCCTCCTGC---TTGCCTTATT-----TTCTTATCACAGACTTCAGGCTCTACTGCTGAACAACTTCAGAAAA	35147
MediumGroundFinch	TATAGGAGTTCTAT---ATATCCTGTCT-----CAGCCTTTGAGTTCATCAGAA---GTTGGTGAA-ATGCTCTGAAAA	24065
GoodesThornscrubTortoise	GAGTGAATGCAGCC--CCAAGCCGGCAG----CAGGTTTCAGTGGCGGCCAGGACCTGCAGCTGCCATTAATAAAAAA	71280

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Majority	AGAC----	TACAGATAATTTTATC-	TTCTGACTATTAGCAAATTAATT-----	AATAAATGCTT-----	TAGGAGG-	
	77130	77140	77150	77160	77170	77180
Human	TGACT-TTTTGAGGGAATTGT	TAGAAAGTTTCATTAGAA	AGAAAGTAAGTTTTTAATTA	AAAAAGTTAATCTGAGGA	ACAGGT	76298
Kakapo	GGA-----	ATAAATAATGTGACA-	TGCTGTGTTAAGCTTCCTTGAG----	GAAAAAGACCT-----	CAGAAAG-	39795
GoldenEagle	AGAA----	TACAGATAAATATATC-	CTCTGACTATTAGCAAAATAAATT-----	AATGCATGCTT-----	TGGGAGAA	47000
JapaneseQuail	TGGG----	TTCTGTTGGTATTAT--	TGCTGCCT--TAGCCAATCAAGT-----	AGTTGTCATAT-----	TTGGA---	35203
MediumGroundFinch	AGG----	TACAGATATGTCTGTC-	TTCTGACTATTACCAAAATAATC-----	AATGCATGCT-----		24117
GoodesThornscrubTortoise	AATCAGCTCGCTGCCACCTT	TATGGTACCAGTTCCTGGC	ACATTTGGAA-----	AAAAATTGCCAGTCCGCC	ACATCAGAT	71355

Majority	A-----	A-----	TT-----	T---AGTA-	ATGAGAATTCAT--	CA----	G----	ATTATTATTCTTGTTAAGT	TTTTTATTC
	77210	77220	77230	77240	77250	77260	77270	77280	
Human	AGAAATAAAAGTGTAGTTG	TGTAGTGGTAGAAGAGAAT	GGATTCCATAGGGCAAATA	AAGAACTCAAGGGAAGG-	TTGGTGG	76377			
Kakapo	-----	CT-----	AGGAAAAAGATGTACA-----	ATAGTTGTATGTTTTCA-	TTAATACCC	39839			
GoldenEagle	ATTTGTAATTTGTTTTTTTT	TTAATTTATCACAATTCAT	TGCATAA-GTTTCACTCCT	ACTTCTGTCAAGTTGCTG	TTC	47078			
JapaneseQuail	-----	A-----	-----	TTATACTTGTTTG---	AATATGG	35224			
MediumGroundFinch	-----	C-----	-----	CTACTCCTGTCAAATTG	TTTTTT	24141			
GoodesThornscrubTortoise	AGTTTTAGAAAGCACTGA	ACTA-GATGACCTGAGGT	CTCTCCACCCTGTTATT	TCTATGATTCTTGTGCC	AGTTTTTACCC	71434			

Majority	AGGAAGAGCACCTTTCA--	TTTTTCTATATTTAATAGT	ACTC--AGACATTAATAAT--	AACTTTTATACAAGCTG	ATT			
	77290	77300	77310	77320	77330	77340	77350	77360
Human	AAGAGGAAGAGGATTGAAT	TGTTTCAAGAAAGAATAG	CAGTTGTCATCCTTATG	AAAAGTAAAATTTTTAT	TTTCAAATC	76457		
Kakapo	AGAAAAAGCACA----	A--CCATGTTATCCGTA	ATTGTT--TC--AAAGCC	AAGATAA--AGCTACT	GACCAAGCT-ATG	39905		
GoldenEagle	TTTGAGAACACCTTTCA--	CTCTTCAAATTTAATAGT	ACTC--AGGCATAATCT	CAT--GACTTTCATAAA	ACCTGATT	47152		
JapaneseQuail	AAGTACAAGGCTC-----	TCGCTCTATGCAAAAAAGG-----	AGAGAAAAA-----	AGGCACAAAATACAT	TATAT	35290		
MediumGroundFinch	GGGGAGAGCACCTTTCA--	CTCTTAAAAATGTAATAG	CACTC--AGATACTGAAT	CAT--AACTTTTATACA	AGCTGATT	24215		
GoodesThornscrubTortoise	AGTAAAAGCAAAAATAAG	GTTACTTTTATCGATTGG	TCTA--AATCATTAATAG	GTGCAAAATTTCAAG	CATATC-ATT	71511		

Majority	TATTATGTTATGATGATTG	TT-CAACCCACTTAATG	TTTTATAT-A----	TT--TTTTATTTGGT	GCTTT--	CCCATTTT		
	77370	77380	77390	77400	77410	77420	77430	77440
Human	AGGAAATGTAAAATGTGC	CTTCCAGACCCCTTGGT	GGTATACATGGGAGATT	GGTCTTAGGACACAC	ACAGTCCCATCCC	76537		
Kakapo	TGATACCATTTGATCACA	TTCAAAAGAGCTAACG	TGGTAAAGTA----	GT--TTCAAATAAGT	CCTCAAATCTAGTTG	39979		
GoldenEagle	TATTATGCTGCAATCATT	GTT-CTTCCCCTTAATG	TATTTCTCA----	CTTTTTTCTTTT	CATCATT--	CCCATTTT	47225	
JapaneseQuail	GAATATGAAAGGAGGA-----	AACAAAAGGAACTTGA	AAG-----	TCTGATTGGGTGGT	TAT-GCAGTTTA	35350		
MediumGroundFinch	TATTATGTTGTGATCATT	GTT-CTTCCCCTTAGT	CTTTTTT-----	T--CTTCTTGGATA	ATTT--	CCCATTTT	24281	
GoodesThornscrubTortoise	TTTTGT-TTATAAAGAT	CATTTAAAGAGAGTCA	CCCTTTTTTAGAAAAA	AACTGTTTTATTTGG	AGTGTCTCCTATAGA	71590		

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Majority      TGTTCTTATTAAT---ACTCACGAACAGAGTAGTTTTAGTATTTTATTTTTGAGTACTTTGGGCCTACTTGAATTAAGTT
              77450      77460      77470      77480      77490      77500      77510      77520
Human         CCACCTCTGACCCC-ATACACCCCCTGGATACTCAAATCCACTGATGCTCAAGTTCCTTGCATAAAATGGTATAGTGTT 76616
Kakapo        CGTGCTAACTAGT---AATCATAAACCAAGTTGTTCTTGTATTTATTTATTAACTATTTTTGACTTGCTTAAATCAGAAT 40056
GoldenEagle   TCTTCTAAAGAAA---ACTTAAGAACAACATAGATTTTCATGCCTTGTTTTTGTACAAGATGGGCCAACTTGAGTAAGTC 47302
JapaneseQuail TGGCTGTATTTGT---ATTAGATACAGAGAAAGGTTAGAACAGC---TTTAAGTTCAGAGAGCTG--TAAGATGAAGGT 35422
MediumGroundFinch TGTTCTGAAGAAA---ACATAAGAACAACATAGATTTAATGGTTT---TTTGTACAGTCTGGGCCGAACCTGAAGTAAGTT 24355
GoodesThornscrubTortoise @TTATTTCATTTATCCTACTCCCTGTTTGTAGTTGTAATTCATTTTTATTCCCGAGAAACCTAGATCTTTTTAAATTGAAAA 71670
    
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Majority      TGAGTATCTCTGATAAAGAGG---GGCGTGTGCTCTCTGT---TTATGAAATGTATGAGTTACTTAGTGAATGATGT--
              77530      77540      77550      77560      77570      77580      77590      77600
Human         TGCATGTGACCTTATACACAACCTCTTATGTGTACTTTAAATCATCTCTAGATTACTTATATTACCCAGTACAATATAAAT 76696
Kakapo        GGC AAATCAGAGAACAAGAAC---GGAGTTTGCTGTAGGT---TTGTAATTTGTCTGACCTTTCCAAGAAATGAGGTCT 40129
GoldenEagle   AGAGTTAATCTAGTAAAGAGG---GGCCTCTGCTCTCTGTGTTTACAGAAATTTAGAAGGCACCTTAGTGAATGATGT-- 47376
JapaneseQuail TGGGAATCTATGA-----AGT---GAAGTATGGCAG--A-----ATGATAGCAGTGACCTTCC-----TCCTGT-- 35476
MediumGroundFinch TGAGTTACTCTACGAAAGAGG---GGCCTCTGCTCTCTGT---TATGAAAGGTAGAAGGCACCTTAGTGAATGATGT-- 24425
GoodesThornscrubTortoise @AAGAATTAATCATTTGAGAGGCT--ATGATGTGCTATGCATGTCCCCTGAGACACATGCTTTAATTGTTTCCATCTGAGG 71748
    
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Majority      --GTTCTAAAGTATCGGTTAAATATTTTATTTAT---GGCTACTGAATG-ATGCAT-TGTCTC-AC-----A---
              77610      77620      77630      77640      77650      77660      77670      77680
Human         GTTATGTAAATGGTTGTTATAGTGTATTGTTTAGGGAATAATGACAAGA-ACAACCTTCTATACATTTGCAGTACACCAT 76775
Kakapo        CTGTGCTATAGGATCAGTTAGAAACGTTATCCAT-GGTCCTAGCCCACATGCAT-CGTTAC----- 40188
GoldenEagle   --GAATCCAGGAAAAGGGTGAATATTGTAGTTAA-GGCTACTGAATG-ATGCGC-TATATCTACGCTTTTCCAAAATCAG 47451
JapaneseQuail ---TGCTTATTTATCTT-CATATTTTATATTTT-ATTTGCTTTAGA-----AT-TGTC----- 35524
MediumGroundFinch --GAACCCAGGAAGAGG-TAAATATTGTAGCTAG-GGCTACCGAATG-TTGAC-TGTA----- 24478
GoodesThornscrubTortoise @GTTCTAAACTTTGTAATATAAGCTTTGCTTGTGAGCTCTTGAAGGTGCATATGTGAGGACACACGACTTAAGAATGTG 71827
    
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Majority      -----TT-----A-A--TT-----A---T---T-----CA-----
              77690      77700      77710      77720      77730      77740      77750      77760
Human         TGTTTTACCCCAAATATTTTGTATCCAAGGTTGGTTGAATCGGAACCCAGAGATACAGAGGGCTGACTATACTTTAAGA 76855
Kakapo        ----- 40188
GoldenEagle   ATTACTTGAAGGATACATTTTCATATCTAGCTGTAAATTCACACATGCCACCTCCCACAAATTTGGAGTGCTTGACTG 47531
JapaneseQuail ----- 35524
MediumGroundFinch -----T----- 24479
GoodesThornscrubTortoise @ACCTTTAGAGCAGAGGTTCTCAGGACAAATTTTTTGGTGGCTTCAGAGTGCAGGCCACCAACTCTTGCTGATGGCCACT 71907
    
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Majority      ---A---T-----T-----G-----A---A---AC-----TT-----A-----
              77770   77780   77790   77800   77810   77820   77830   77840
Human         ATTAGAATTAGCTGGGTGTGGTGGTGGGTGCCTGTAGTCCCAGCTACTCGGGAGGCTGACGCAGGAGAAAGGCGTGAACC 76935
Kakapo        -----T-----
GoldenEagle   CACAACCTCGAGTATGACTTGCAAAATGGTGTATCACTTGTAGCTACTGCAGACGTTTTGGAAAGTAAAAAATACCGTAA 47611
JapaneseQuail -----
MediumGroundFinch -----T-----
GoodesThornscrubTortoiseAGACAATTTTTCCTAAAATGCTTTAGAAAAACAAATAAATATGCACATATACATGTCCAAATCAGTGTAAATTTATTCAT 71987
    
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Majority      -----G-----G-----T-----C--T--T-----A--T-----
              77850   77860   77870   77880   77890   77900   77910   77920
Human         CGGGAGGTGGAGCTTGCAGTGAGCCGAGATCGTGCCACTGCACTCCAGCCTGGGCGACAGAGCGAGACTCTGTCTCTAAA 77015
Kakapo        -----
GoldenEagle   GAATCTAAAGTCTCTGAAGAACCTGTGGCTAATGTTGTTTTCTTTTTTCTTTTGAACCTCCCATCATTTAAAAAAT 47691
JapaneseQuail -----
MediumGroundFinch -----T-----
GoodesThornscrubTortoiseGCTAGCTAGTTAAGTCTGTTGTGAAAAGCCATATTAACAACATACAAGTATCACTTTTACAGCAGCCTTACTTAGCC 72067
    
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Majority      -----A-----G-----A-----
              77930   77940   77950   77960   77970   77980   77990   78000
Human         AAAAAAAAAAAAAAATTAGAAGGGGCTGTCAGGCGTGGTGTCTCATGCCTATAATCCCAGTCATGCCTGTAATCCCAGCA 77095
Kakapo        -----
GoldenEagle   GAAACCTCTCATTTCATGGATTGATAGGGAAGGTGGATGAGTGTTTGTGAAGAAGTTTGACACCATAGAGATGAGTACTG 47771
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoiseGTGCAAGCCTGGGGAGAAATTAACTCTGGACTGGGGGTGAGGGGAATGAGGGAGAATTGATGGGGGCAGGAGAAGTAG 72147
    
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Majority      -----G---A-----G-----A-----A--C-----
              78010   78020   78030   78040   78050   78060   78070   78080
Human         CTTTGGGAGGCTAAGGTGGGCATATCACTTGAGATCATGAGTTCAAAACCAGCCTGGCCAACATGGTGAACACTGTCTC 77175
Kakapo        -----
GoldenEagle   TAGAAATGCCCTTGAGGCAGTTAGTAATTCTTTGTGCAGCACGTAATGACTAGAACATAGACATGGGGATGCCCTATGAG 47851
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoiseAGGGGGCTGGAGCCTGTAGCCCCGACCCAGAGCTCAGTGGCTGGTGGATGGAGCCTAAAGCCCTGCAGCCAGAGCCTG 72227
    
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Majority      ---T-----C-----A-----C-----T-G-----G-----
                |       |       |       |       |       |       |
                78090   78100   78110   78120   78130   78140   78150   78160
Human          TACTAAAAATACAAATATTAGCCAGGTGTGGTGGTGGGCGCCTGTAATCTTAGCTACTCAGGAGGCTGAGTCAGGAGAAT 77255
Kakapo        -----
GoldenEagle   TAGTAAGGAGGCCAAAAACAAAGTAAAGAAGCTGCTTATTAATAAAAAGACCTATCATATTAGTTGTTGTAAGGCAGGGATT 47931
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@TGTCGCCAGTACCCCAGGGCTGAAGCCAATGCCTGAGCCATGCAACCCCTGGGAAGGTGGGGAATTCACCTACTGCCTGC 72307
    
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Majority      T-----A-----A-----GACA
                |       |       |       |       |       |       |
                78170   78180   78190   78200   78210   78220   78230   78240
Human          TGCTGAACCCAGGAGGTGGAGGTTGCAGTGAGCTGAGATCATGCCATTGCACTCCAGCCTGTGTGACAGAGTGAAACTC 77335
Kakapo        -----CA
GoldenEagle   TAGAAGAGAGTGAGTTGAAGATTTCATGATTTATAAAACGGTGCCAAATGCAGGATTACTTATGGAACTCTAATTCTGACA 48011
JapaneseQuail -----
MediumGroundFinch -----GACA
GoodesThornscrubTortoise@CCTCCAGTGTGTGCCCCAGCAGTCTTCAGAGGGTGGAGCAGGGCCCTGCTGGCAGCCCCAGCAACCAACACCAAGGCA 72387
    
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Majority      TTTTCTGAAAC-----T--G--AC-A--C-----A-G--
                |       |       |       |       |       |       |
                78250   78260   78270   78280   78290   78300   78310   78320
Human          CATCTCAAAAATACAAAAAGAATTAGAAAGGGCTTTAGAGTCCCACCCTAATGCTCTTCTGTTCAGTAGTACACAAGAC 77415
Kakapo        TTCGTCTACTAC-----A-----
GoldenEagle   TTTTCCTGAATCTTGAGAAGTTGCTTTCCAGTCTCAGGCTTACTAATGCATTTCTTTGTATATAATGCTTATAGTATGCA 48091
JapaneseQuail -TTCTCTAAT-----
MediumGroundFinch ATTTTCTGAA-----A-----
GoodesThornscrubTortoise@TCTTGAGCAACAGGGAGGAGCAGAGGCTGCTATTTTGTCCCCCATCCATTACAGCCCAGGAGGCTGTGGCTGCAAGAA 72467
    
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Majority      -----G-T---TTGTC-----AGG-----T-C-----T-----T
                |       |       |       |       |       |       |
                78330   78340   78350   78360   78370   78380   78390   78400
Human          TAATAACTACGAGATGTTATGAACAGGGAAAAGAAGTAAGACCAAAAAGAAATCATAA--ATTACTTTGGATGGAACCTTTT 77493
Kakapo        -----TCCTC-----AGC-----
GoldenEagle   TCAAATTAACAGTTTAATTTGTCTGGCATAGTGAATTACACTGAGGATGCTTGGATCATTGCATCACTTTTGATATGT 48171
JapaneseQuail -----GTC-----
MediumGroundFinch -----TTGTC-----AGG-----
GoodesThornscrubTortoise@AGCCCCTGGTGGCTGCATGTGGCCCCAGTGGACACATTTGAGAAAACGGTGTCTTTAGAGGATACAGCCTTTGGAGAACTT 72547
    
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Majority      --A-T---G-----A---T-----T-TTC---T-A-----T--A---A-----A-----
              78410   78420   78430   78440   78450   78460   78470   78480
Human         AGAATGGCAGATGGAGGGATAAATTTGACATTGTTCAAATCATAGAGTAAACTCTCAAAGTAAGGGGAACCTAAGGAG 77573
Kakapo        -----
GoldenEagle   TTAATAATGGGGTTACTATACTTGTATAGTTTTCCAAGTGACTTTAGCTTTAGTGGACTTTATGTTCTAGTATTTTAG 48251
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@CACTTCAGGTCCTGGTAAGCTGTGCTTTTGTATTCTGCTTTACTATGCTAATTGTTAAGAACATTATAAAAATGCAGTC 72627
    
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Majority      ----G---T-----TA-----A-----A-----G---T-A-----G-----
              78490   78500   78510   78520   78530   78540   78550   78560
Human         ACAAGATGATTAATGTAATAGGAGATACTGGAACAACAAAAAGGGACATTAGATGCAATTTGA----GGAAATCTGA 77648
Kakapo        -----
GoldenEagle   GCCTGAAAGTCACTTCGACGCTTTTGTAAATTTTGTCTACAA---AACTACGTAAGTTTCTAACCTTTTGATTTAAT 48327
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@TCTGTTGTTTTCAATATAGTAGTGGTACATAGAAGCCCCAGTCAGGATTAACCTGTATATTTAAGGTTGGTTAAAGCT 72707
    
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Majority      -----T-----A-T---T-----T-----G--A-A-----A---
              78570   78580   78590   78600   78610   78620   78630   78640
Human         TAATGGACTTTTGTGATTATCGATATTGGTTGATTAATTGCAAGAACTAATAAATTGTAATACCATACTAATGTATGA 77728
Kakapo        -----
GoldenEagle   CAGGCTCATTCTTTTGTGTATATTAATTTTTTTGCTAGTAAATATGAAGATGACAGTCATATTAGCTGATTAATAT 48407
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@TGTGGAAATACAGAAACATTTCTAATTAGAATCATGGTTATATATCTGTTCAAAGAGGGAAAAAGGCTCTTAAGTAGTG 72787
    
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Majority      -----T-----G-----ATATATTGA--TT--A-----T-AAAGGTACAT---GA
              78650   78660   78670   78680   78690   78700   78710   78720
Human         TGCTAATAATGGGGGAACCTGCGGTTTCCAGGTTATATAAGAACTCTGTAA-----TGTCTTAAATTTGTTT---GTA 77797
Kakapo        -----TGTGATAA-----AATAGTGCA---GA 40232
GoldenEagle   TTTAATTCCTACTCTCTGGGTGGACCTTTAAATGCAGTGTTTTCCAAGCAGCAGGAAAATAAAAGGTACAT---GA 48483
JapaneseQuail -----AATAGTGA--T-----AAAGGTAG----- 35553
MediumGroundFinch -----ATACATTG-----AAGGATAC----- 24521
GoodesThornscrubTortoise@TGAGGGATTTTACTTAGTAAGAATATATAGATGAATATTGGTAGTTTCAATTTGCTTCTGTTTATTCTTCCATTGAAGG 72867
    
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Majority	AAT---A--TT-----A-CT---A---A---A-A-C-----A-----T-----	
	78730 78740 78750 78760 78770 78780 78790 78800	
Human	AATCTAAACCTTTTAAAATAGCTAAAAATTATAGATACAATTTCTAAATGATTTAATTAACAAAACCAGTTTAATCTTC	77877
Kakapo	AAT-----C-----	40236
GoldenEagle	CATGAGTAACCTTTCATTGCAGCTGTGGAACGTTTTCAGAGCATCAGTGAAGTCAGTCATGTTTATTTTGATGAGTAGTAG	48563
JapaneseQuail	-----C-----	35554
MediumGroundFinch	-AT-----	24523
GoodesThornscrubTortoise	ACTGATATTTTAAGTATTACCTCAGCAACAAATTGATAACACAACAGCATTTTGACATGAAGCGATTGATATGCAGT	72947

Majority	A-----T-----TG-----T---T-----A-A-----T--AT-	
	78810 78820 78830 78840 78850 78860 78870 78880	
Human	AGTTGAAATGAGCAAGGTTAGGGATACCTGTGTGTTTCAGTGTAAATCTGAAAGGAAAAGAATAGATACATAATTTATA	77957
Kakapo	-----	40236
GoldenEagle	AGATTATGTATCATGGTTGTTTTTTCTGCTGTAAAAGCATTCAATGTTTTGAAAGAGATTTAAGGGAGCTGGGTTTCATC	48643
JapaneseQuail	-----	35554
MediumGroundFinch	-----	24523
GoodesThornscrubTortoise	AATAGGTGATACAAAAGATAAATGCAGCTACATATTATGTATATGTTATAAATGCATACATGGGTGTATA	73027

Majority	-----TTCGGGGTTAGT-----T-----ATTGGG--T---TATCTTTTG---AATGA-----A	
	78890 78900 78910 78920 78930 78940 78950 78960	
Human	TCACTTCTCTCTGGACTTAGGGTCTCTGTGCATATACATGACTGGGCATCCATCAGCTTCAGTGGAGGAAAGGTTAGGAA	78037
Kakapo	-----TTCGAGACTGAG-----A-----ATTGGA-----CATCTTTC---AATG-----	40268
GoldenEagle	TTCTAACTGCTCATGGCCAGTT--GGGTGAGCTTGGTATATTGTAAGTCTGCATCATCTGTCAAATGAGGATGATGACA	48720
JapaneseQuail	-----TTCAGAGTGTGC-----TTAG-----	35570
MediumGroundFinch	-----TTCATGTCTAGT-----GTTGT-----AA-----	24542
GoodesThornscrubTortoise	GGAATATGTTTTGGTATGTGTAAAGAGTTCCAGCATAAATTAGGAATGGCTGCCTTGTG-CAAATGACAAATCTATAA	73106

Majority	-----T-----T-----T-----AGTC---T-----T-----	
	78970 78980 78990 79000 79010 79020 79030 79040	
Human	TAATAGTGTGACAACCTAACATGAGAATTTTAGGAGATTACTGAGTCACTCAAATGTCTGGGTGACCCAGCTGATGAGGG	78117
Kakapo	-----AGTC-----	40272
GoldenEagle	CAGTGATTTTTTGTGTTGTTGTTGGGTTTTTACTAGTTGCCTTTTCTGTTTGTGTTTTTACAGAAATTTGA	48800
JapaneseQuail	-----GTA-----	35573
MediumGroundFinch	-----AGTG-----	24546
GoodesThornscrubTortoise	GTGAGTTATGAAGTTCATCCAGAAGAACGTTGTGTCGTCTGCACAGGGGTACAAAATAATATTTTAAGACTGTT	73186

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Majority      -----A--T-A-----T-----C-----T-----T-----T---AG-T-T-----
              79050   79060   79070   79080   79090   79100   79110   79120
Human         CCATTTACATGAAAAAGATTCTCGCAACACCTT---CTTTTCTTTAGCACATGATCGTTTATGAAGCTCTTTTACATTG 78194
Kakapo        -----
GoldenEagle   GCTCTACAGCTGAAAAACTTTATAAAAAAGGCTCCATAGTACTGTTGGTGCCTTAGCCATTTGGATAGTTGTCAAATGGG 48880
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoise@TAAAAAATATTATTGGGACTTTTTTTTATCCCTTTACCTGTAAAATATCAGTTACTACGTTTCTAGCTGTAGAGGGCTC 73266
    
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Majority      -----T-T---AA-----A-----T-----T---T-CT---A-----ACTTAAAAATATC-GA-
              79130   79140   79150   79160   79170   79180   79190   79200
Human         TTTTATCTTTATAGCAATCCTCAGAATAGATCAAGCTTTTTTTTTTTTTTTTTTTTGGAGATGGAGTCTTGCTCTGTCGCCC 78274
Kakapo        -----TTTAAAAA----GA- 40282
GoldenEagle   AATGGTGCTTGTTTGAATATTCAGAACAGGGTCTCATTCTGAGCTGCTTACTGTGCAAAAACACACAAAATATGTGAC 48960
JapaneseQuail -----GATTATC---- 35580
MediumGroundFinch -----C-----ACACAAA----- 24554
GoodesThornscrubTortoise@GAGGGAGCTATTAAAAAACCTCTAAAAATGGCTTGAAATAGCTTTTCCATGCTTAAAAATGTACTTCTAGTCCTCAAA 73346
    
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Majority      -----A-----A-----CT-----TG---A---T---G---C---T-
              79210   79220   79230   79240   79250   79260   79270   79280
Human         AGGCTGGAGTGCAATGGTGCGATCTCGGCTCACTGCAAACCTCGGCTCCCGGTTTCGTGCCATTCTTCTGCCTCAGCCTC 78354
Kakapo        -----
GoldenEagle   ATAAATAAGAAAGGACAAAGGATAGAAAACCTCAAAGCCTAAATGGATGCTTGTGCATGCAATTTATAGCTGCATTTTA 49040
JapaneseQuail -----
MediumGroundFinch -----G----- 24555
GoodesThornscrubTortoise@GTCCTGAAATAGTAAGTGTTAAGTCTGATTGGGAAGCTCT---GCTTCCAGTGGTACAAAGCTGCTGTTTCTCGCTC 73422
    
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Majority      -----C-----T---CA---A-----G---G-----
              79290   79300   79310   79320   79330   79340   79350   79360
Human         CCGAGTAGCTGCTACTACAGGTGCCTGCCACCACGCCAGCTAATTTTTTTTGTATGTTTAGTAGAGATGGGGTTTCATCG 78434
Kakapo        -----G----- 40283
GoldenEagle   ATTCAATACTCAAAGGAGAAGGATGAGAACACTTAAAAGTTCTGAGAGTCATAAGGTCGAGTTTGGCAAATATGATG 49120
JapaneseQuail -----
MediumGroundFinch ----- 24555
GoodesThornscrubTortoise@TCCAGTGATTCTTTAGTGTCATGGTATTTTCATAGATAAAAAATGGCTACGTTTAAACTGTGCTAGGCTTACAGTGGA 73502
    
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Majority      -----G-----G--C-----T-----T-T-----T-----A-----
              79370   79380   79390   79400   79410   79420   79430   79440
Human         TGTTAGCCAGGATGGTCTCGATCTCCTGACCTTGTGATAGATCAAGTATTTTATCCCTCTCATCAACATGTGTAAACAG 78514
Kakapo        -----
GoldenEagle   TGTGAAATATGGCAGAATGATAGGAGCGACCTTCTTCTGTTTGTTCCTTCATCTTAATATTTTATTTCTTTTATTTG 49200
JapaneseQuail -----
MediumGroundFinch -----
GoodesThornscrubTortoiseAAGTTGTGCAGTGGGCACATGGTATTGTGCCCTTTGT-CTTGTGCATCTTTCCTGAATTTTACTATGCAGCTAATGT 73581
    
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Majority      -T-T-----T-----T---T---GA-----A-----GCTATGCCCTGTTTCAGGT
              79450   79460   79470   79480   79490   79500   79510   79520
Human         TTTTTTCTCACATATCTGCTGCCTTAGCTAAAGATGCAAATCATTAAGTTAAAATATAATTTATGTAGCTAAAAGTA 78594
Kakapo        -----GGAGAACTAGAACGGGC 40301
GoldenEagle   CTTTAGAATCTTATTCTGTAAATGTCGATAAAGATGCTTCAGAGTATACTCAGAGTGTCTGCCATGCCCTGTTACAA 49280
JapaneseQuail ---T-----GCCATTCGCTGTTTCATGG 35599
MediumGroundFinch -----GCTGTGCCCTTATTCACGT 24573
GoodesThornscrubTortoiseATGCATATGTGACCTCTTTAACTATACTTTTTGAGCTTACCAGAAAACAGACACGAAAAATGGGTATGTACAATATAAAT 73661
    
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Majority      ATGGTTTCCAGAAGGTTTGTCTCTCC--ATGAAATAGT---AAAACCTTATTTAGAG---CTTAA---TGTGTTGTT
              79530   79540   79550   79560   79570   79580   79590   79600
Human         ATCTGTTAGAGCCAGTGTATACAATATGTGTAATATGCTTCTATAACTTTCTCAAAGGGCCCTGGTAAGTTTATTGTT 78674
Kakapo        -TGGTTTCCAAAAGTTAGGAAATC-----TGACAGAAA---AAACCTGTGAATAAAC---AGCAAC---TGTATTATG 40365
GoldenEagle   ATGGTTCCCAAAGGGCATGATCCTCC--ATGAAAGAGT---CAAGCTCCATTTGAG---CTTAA---TGTGATGCT 49346
JapaneseQuail ATGGCTCCCAAAGGTGTGCTTCACC--ATGAAATAGT---GGAGCTTCATTTGAG---CTTGA---TGTGATGCT 35665
MediumGroundFinch GTGATTCTCAGAGGGCATATTTCCCC--ATGAAAGAGT---GGAACCTCCATTTGGAG---TTTAG---TGTGCTGTT 24639
GoodesThornscrubTortoiseATCTATTTCTGCATATTTTTTGTCTGG-ATTAATTTTTTTC-AAAATGTTTCTAGGG--AACAAGTTTATACATTG 73736
    
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Majority      CTTCAAGTTCTGTGCGTGCA-AAAAAGAATACCA-----TAAGATGGACCTGTGGTATTCTTGTAAAACCTCTTGCTAT
              79610   79620   79630   79640   79650   79660   79670   79680
Human         TTCTCA-TTTAGCTGGGAGTT-AAGAACAGAACTATTTTCTAGAATGTATTAATTATATAAATAGTGCATCATGAAATAT 78752
Kakapo        CTGAA---CTGCAACAAACA-AAAAAGATTATCG-----TAAGAATGGCTCAAGGTTTAACTACTAATATGTAATAAT 40435
GoldenEagle   CTTCAAGTTCTTTTGCCTGCACAAAAGAATACCA-----TAAGTTGAACCTGTGGCATTCTTGTAAAATCTTGCTGT 49421
JapaneseQuail CTTCAAGTTCTGTTACGTTTG---CAGCGATGCTA-----T--GTTGCACCTCTGGCATTCTGTAAAACCTCCTGCTTT 35735
MediumGroundFinch CTTCAGGTTCTTTTGCATGCTCAGAAAGAATACCA-----TGAGATGGACATGTGACATTGCTGTAAAATCTTGCTGT 24714
GoodesThornscrubTortoiseCTCTATTTCTCTTATTTACATCACAAAATCTGAAATACTAATATAATTCAGAAGTATACTTAAATCAACTACTGCTAT 73816
    
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Majority	A-----GCTATTTTTTTATATGTATATCATGAGATTGCTAACA-GAAAATGTGTTAAGG-ACTCAGTTCTGACATTGGC	
	79690 79700 79710 79720 79730 79740 79750 79760	
Human	TT---TGTAGGTTTTTATATTTTTATTGCAGCAGACAGC-ATTTAGATTAAACCTAAAAATACCTGATTGACAAAGTAGT	78828
Kakapo	A-----CTTAGATATCTAAATTGGAGTTA-GATATTAC-AGCT-GGAAATAGGTTGCTGTGGTTAGCGCTCCCATTGGT	40506
GoldenEagle	A-----GCTGTTCTCTTATATGTATATAATGAGATCACCAACA-GAAAATGTGGTAAGG-ACTCGTTCTGACTTTCGC	49493
JapaneseQuail	A-----GCTATTTTAGTATAT-----GAGATCTCTAACA-GAAAATGTGGTAAGA-CTTCAGTTTTGATCTTGTC	35798
MediumGroundFinch	A-----GCAAT-CTTTTATACGTATATCATGAGATTGCCAACA-GAAAATGCACTAAGG-ACTCACTTCTTCCTTTTGC	24785
GoodesThornscrubTortoise	AATAGTTAGCAAGGAAAGTAAATGTAT-CATTTTTATGGCTGTACAAAAATGTTCTGGCTCTCAGAATACAGGGAGTGGG	73895

Majority	TTATGTTTACTGTTATATGCTGGATAGTTGTATAA--TTTGGGTGC--CTTTTTGTAGTGGCTTTTTAGGAGTATACT	
	79770 79780 79790 79800 79810 79820 79830 79840	
Human	TTTTCAGACAAAAGTATATTGAGGGAAATTGGAGAATCTTCAGAGGCTTTAAAAGTCCAGGAAAATCTTAGACTACTCCA	78908
Kakapo	TTATCCCTTGCTGTCAT-TGCTG---GCTTGCTT---TCTGGGTGC--TTCCACTAATGCCCTTCTTAAG---ATT	40572
GoldenEagle	TTCTGTTATGCTGTTATATGCTGGATAGTTGTACAA--CTTGGGTGC--CTTTTTGTGTTGGCTTTTTAACAGTATACT	49569
JapaneseQuail	TTCTGTTACATTGTGCT--GTTATATAGTGGGTTG---TTTTGTAGC---TT-TGGTACTTTTTCTAAAGTGTATGAA	35868
MediumGroundFinch	TTATGTTTACTTTTTATATGCTGCGAACTTGTACAAAACCTGGGTGCAACGTTTTGTGCTGGCTTTCTAGGAGTATACT	24865
GoodesThornscrubTortoise	AAAAACATTTAGAAACAAATTACATATTTGAAGC---CCCTAGTTCTCCTCCCTATCAGCCCTCCACTCCTTGGAACT	73972

Majority	GTAATTCATATGTCAGAAGTGA-----TATTTAGGTTTATCATAATTTTGT-----GAGTTGAGTTTITAG-----	
	79850 79860 79870 79880 79890 79900 79910 79920	
Human	GTGATTTAGAACGGTGTAAAGATAGCCTAAGTAGTTTTTCT--AAGTTATCAGCCGCGGGGAGGAAATAATGAAAGAGAA	78986
Kakapo	CTTATTAATTTATC-----TATTTCAAAGAATAACAATTGTGT-----GAATGGTGTGAAT-----	40624
GoldenEagle	GTAATTTACATGTCAGAAGTGA-----CATTTAGGTTCAACATAATTTTGT-----GAGTTGAGTTTITAG-----	49629
JapaneseQuail	GTAATTCATATGTCAGAAGTGA-----GGCTTAGGTTGATT---AGTTTAT-----GAGTAGAGGTTTITAG-----	35925
MediumGroundFinch	GTAATCCATATGTCAAAAGTGA-----GATTTAGGTTCAACACAATTTTGT-----GGCTTGTGTTTITAG-----	24925
GoodesThornscrubTortoise	AATATTACAAATATCAAATTTTATGACCAACTTACTTCAGTCTTGAATTAGTTGTACAATAGAATGCACATTTAAATTGCC	74052

Majority	TGACAGGATGTGAGT-TTTGTTATTCTTGGTTTTTAAATGTGCCT-TAATTGCATACCAAT-----	
	79930 79940 79950 79960 79970 79980 79990 80000	
Human	ATACATACGAGTGGCATTAAAGGACAGGTGGTGGCTTCTTTTACCTATTAAGCATTCCTTACACCATACTGTGAAGTGTGT	79066
Kakapo	TAATCTT-TGTCAGC-TTCTCTCTGCTCAGCTGTGGAAGAGCCA-TAAAGACTTCACTAG-----	40682
GoldenEagle	TGACAAGATGTGAGT-CTTGTTAGTCTTGGTGTAAATCTGCCT-TAATACCAAACCATT-----	49688
JapaneseQuail	TGACAGGGTGAAGT-CTTAGTCTTTCTATATCATATATATATATAAACAACACACACACACACACACACACATA	36004
MediumGroundFinch	TGACAGGATGTAAAT-CTTGTTAGTCTTGGTCTTAAATCTGCAC-TAATTCCAAACCAA-----	24983
GoodesThornscrubTortoise	CAATAGGATAAATGTATTTTGTCTCTAAATGTTGATGTGCATCTGTTGTTGTTGGCAATTATGAAGTAAGGGATTGGA	74132

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Majority	----	ACATATCTCAGTTTACTTC	-TGGATATAGTTAA----	TGTTCCATTT	-CAGTAAATGTA	AAATTTATGATTTAGTGT			
		80010	80020	80030	80040	80050	80060	80070	80080
Human	AAAAGGAAGGATCATTGGACATAATAGATTATCTGACAGGGTGGTCCGGAA	-TGGTGGAAAGTAAATCGACAGGTGAGGAC	79145						
Kakapo	----	TCATCTTCAGATTCATTTA	-TTCCTATAAATGC----	TGGACTGGCT	-GAAAGCTTCTAAAGTTAGGGAAAGGTGC	40752			
GoldenEagle	----	ACATATCTCAGTTTCCCTTC	-TGGATGGAATTAA----	CCCTTCTCTT	-CAGTAAATGTA	AACTTTATGATGTAGTGT	49758		
JapaneseQuail	T---	ATATATATATATATATATA	-TATATATATAAAA----	TGTTATATTT	-CAGTTTCCCTTCTGCTTGAAATTAACCCT	36075			
MediumGroundFinch	----	ACGTATCTCAGTTTCCCTTC	-TGGGTGAAGTGAA----	TGCTCCACTT	-CAGTAAATGTA	AACTTGATGATGTA----	25049		
GoodesThornscrubTortoise	6AGGGAATGTCTCAGAGGAGACC	-AGGATAGTGTAAAAACGTGTGTAATTTGCAGAAAAGACCA	AAATTAGTCATTTCT-T	74210					

Majority	ATTCACTCA--	ATTGTA	ACTTTGTAAGC----	TGTTGTGCAGTGCCTTTTAAATGT	-AACTTATA--	CCTCCCTCAAAG		
	80090	80100	80110	80120	80130	80140	80150	80160
Human	ACTGAATTAGCATTTCAGACAGTGGGGACCTCACACCTTGTATTCCCTTTTTTGGTAAGATTTTTATTACCTCCTTAGAAA	79225						
Kakapo	ATACACACA---	CTGGAAGATTGGAAG----	TGCTCTGCTATTTTGTCAATTT-----	TCTAATA--	CCTAAATGATTG	40816		
GoldenEagle	AGTAACAC---	TCCAGTTCATAAGC----	TGTTATGCAGAGATTTTAAAG--	AACCTGCTA--	TCTCCCCAAAC	49825		
JapaneseQuail	CTTCATTAGTACTGTTACTTTATGATG----	TGGTGTAGTAAAACCTAAAATGTGAACTTATAG	-GCCCTCCTAAACG	36150				
MediumGroundFinch	----	ACTC---	CTGTAGCTTTGTAAGC----	TGTTAAGCAGAGGTGTTAAG-----	CTGCTG--	TCTCCCTCAAAG	25107	
GoodesThornscrubTortoise	6CTTGTA	AAAACATGTA	ATAATGAACAC----	AGGTGAAAGCTGCTTTGAGAAATTTAACTCATG--	CATCTATCACTG	74283		

Majority	CATTCAGACTAAGTATAAGAGGAGC	-CTAGTATTCAGTTCAAGTAGATAG	-TGGTTAC-	TTGACATAAAGTCACAAAAAT				
	80170	80180	80190	80200	80210	80220	80230	80240
Human	GAGGTAAATTCATC	-TATTTTCGAGCCCAAATTTTTCTGTCTAGAAGATTGGTAGTCTTATTTTTACTAAAGTACAAGATT	79304					
Kakapo	C-TGTTGACCTGGTGTAAATAAGC--	TGTT--	TCCCTTCAGGTGGACAT	-CTGTCAC-TC--	CTTACTGTCA-----	40880		
GoldenEagle	CATTCAGGCTAAGTATAAGAAGCATGCCAGTAACAAGTACAAAAAGATGG	-TGGTTAC-	TTGACATAAAGTTACAAAAAA	49903				
JapaneseQuail	CTTTCAGGCTAAGTATAAGAGAGCA--	AAGTAATGAGTGCCAGGAGGTAG	-TGCTTAC-	TTGACATAAAGTCACAAAGAA	36226			
MediumGroundFinch	C---CATAGGAAGCATGGCAGGAAC--	TAG---	TCAGTACAAGTAGATGG	-TGATTAC-	TTGACATAGAGCCATGAAAAG	25177		
GoodesThornscrubTortoise	6CCCCAGATTATAC	-TAGAGGAATTACCATACTTAGTTTTTGATTAACAGATGGTCTC	-TCCTAACACTTCATCCA	ACTT	74361			

Majority	GTTTCGTAACAGGT----	CTATGTACTTAATCCATTTCTCAGTTATAGTTTTACATAACCTG--	-CATTAAGATGATTATT					
	80250	80260	80270	80280	80290	80300	80310	80320
Human	ATTTAGTAAAAGGTAGCATTCTCTGGCTTTTTTTTTTTTTTTTTTAAATGTTTCAGATCTGTCACACTAAAAGGGCTT-	79383						
Kakapo	--TTCTTCACATTT----	CTGTCTGCGTGACC---	TCCACAGG---	AGCTGAGTGTA	AACTGA-ACGTGACAGTCAGCATA	40947		
GoldenEagle	GGTTCGTAACAGGA----	CTATGGACTAAATCCAGTTCTCAGTTGCAGTTGTGCATAACCTG--	-CATTAAGATGACCACT	49976				
JapaneseQuail	G-TTTGTAGCCCGA----	CCAGGAAT-GAATCCAATTC--	AGTCATAGTCTTACATAACCTA--	-CATTAAGATGATTATT	36295			
MediumGroundFinch	GGTTCATAACAGGT----	CTAT-----	AAACCCAGTCTCTGGT--	-CAGTTTTACTTACCTG--	-CATTAAGATGATTAC-	25242		
GoodesThornscrubTortoise	6ATACA	CAACTGAT----	CTTAACAATCAGTCTTTTCAACATTA	AAAAACATAACATTTTATT-GTATTTAACTTTTTTC	74436			

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Majority      TATACTGCGTATTGTT-TTCACACATAAGTTCATAAT-ATTTTTTTAGTGTAGCTTTAA--TTTGCCTATTATTTAAATG
              80330      80340      80350      80360      80370      80380      80390      80400
Human         TAGACCAGGTGTTGTGGCTCACACCTGTAATCCCAGCACTTTGACAGGTCAAGGTGGGAGGATTGCTGGAGGCCAGGAGT 79463
Kakapo        TACAATACAAAGCACT-CAAAAGGACATTTCCAAAACGATTTTTTTTAGAGCAGAACTGG--ATTGTTATAAAATTTGTTG 41024
GoldenEagle   CTTACTGCCTATGGTT-TTCACACATAAGTTCATTAT-ATATTTTTAGTATAGCTTTAA--TTTGCCTTTTACTAAAATG 50052
JapaneseQuail TCTACTGTGTATTGCT-TCCACACACAATTTACACATT-TTATTTATAGCGTCACTTTAA--TTTGTCCATTAATAAAAATA 36371
MediumGroundFinch ---AGTGCCTGTGGTT-TTCATGGA--AGTTGATAAT-ATATTTTTAGTGTAGCTTCAA--TCTGCCTACTATGAAAATG 25313
GoodesThornscrubTortoise@GAAATAATATTTATT-TAAAAATT--GGCTGTGAGTACTTTTTAAAAAAAATAACAG--TTTTGATACTGTTTTTGAG 74511
    
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Majority      GTGTTAGTAATTTGAATTTTCAGAGGT--CTCTCAAAAAGATATTTCTGAT--AGGGAATAAAA---TAATT-GTGACATG-
              80410      80420      80430      80440      80450      80460      80470      80480
Human         TTGAGACCAGCCTGAGCAACATAGTGAGATCTCAGTCTCTACTAAAAATAAAAAAATTAGC-CATGCCTGGTGGCATGT 79542
Kakapo        AGGGCTTTAATTTGACATTCACAGGTTCCCTGTGTATTACAATCTGATTTGGGGAATAAAA---CTTCCAGTTCAGTG- 41099
GoldenEagle   GTGTTACTAATTTGAATTTTCAGAAAGT--CGTGCAAAAAGATAAACTGAG--AGGGAATAAAA---TAAT--GTGACATG- 50121
JapaneseQuail TCATTAATAACTTTGAACTTAAAGAAGT--CACACAAAAA-ATATGCT-----GGGAGTAAG---CAATGCATAACATG- 36437
MediumGroundFinch GCGTTAGCAATTTGCATTTTCGGAAGT--CACAGAAAAGGATAAGCTGAG--AGGGAATTAA---TAAT--GTGATATG- 25382
GoodesThornscrubTortoise@GGACAGCATTATGGGATTCAGTGTGACTTCCAGAAGACATTTTCTCATCTTGAAGCAAAGATGTTTTTTCTGTCTA- 74590
    
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Majority      --CTGTATTTCAACTT-----GGTTGAGG-GAAA-GATCTCCATGGTCTAGAA---GAAAGGTGTGTAATTTA--A
              80490      80500      80510      80520      80530      80540      80550      80560
Human         GCCTGTAGTCCCAGCTACTTAGTAGGCTGAGGTGGGAGGATTGCCTGAGCCCAGAAGATAGAAAACAGCAGTGGCCATGA 79622
Kakapo        --TTCAAGGCCAGATT-----GGATGGGG-CATT-GAGCAACCTGGTCTAGTA---CAGGGGTACTTTATTTA--A 41161
GoldenEagle   --CTGTGTTTAAACTT-----CATTGAGG-AAAAAGACCTCAAAGGCTAGGA---AAAAGGTGTATAATAT---- 50182
JapaneseQuail --CTGT-----GTTGAGG-GTAA-AGGCTCCATGGCTGGGAA---GAAAGATCTGTAATGT---- 36486
MediumGroundFinch --TTGTATTTTAACTT-----CATTGAGG-AAAA-GGCTCAAAGGCTAGAA---AGAAAGTATGTAATAT---- 25442
GoodesThornscrubTortoise-CTCTACAAACTTTT-----TTATGAAA-GTTATGTTCTTTCTGGTTTGTAGCTTTGAGGGATGAGGGGTTTCAT-A 74658
    
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Majority      TTGTATGTTTTTCATTAATATTTTGAAGAAAACGAAATCCTG--TTATCTTTAATTTTTGGAAGCTAAAATAAAGCTTGTG
              80570      80580      80590      80600      80610      80620      80630      80640
Human         TCATGCCACTGCACCTAGCCTGGGTGACAGAGCAAACCTTG-TCTCAAAAATAAAGGGTGGGGAAGCTTTAGCCTAGG 79701
Kakapo        CTGCATCCTTTAGTAATTGTTTTTTTGTAAAAGTAACGCTA--TATCTTCAGCTTTAGCC--CAAGAGCAAACATGCA 41237
GoldenEagle   TTGTATGTTTTTCATTAATATCCAGAAAAAG-CAAAACCTG--TTACTTGTAAATTGTTGGAAGCTAAAATAAAGCTAGTG 50259
JapaneseQuail TTATGTGTTTTTCATTAATATCCGGAAGAAG-TAAAGTCTG--TTATCTATGATTGT-----T--A 36542
MediumGroundFinch TTGTATGTTTCCATTAATATTTTGAAAAAAACAAAAGCCTG--TTATCTGTAGTTATAGGAAGCTAAAATAAAGCTAGTG 25520
GoodesThornscrubTortoise@TATCTTCTCCATGGGATATGTGAAAAATCGGAAGTATTGAATAGTGTTCATATTTTGGATATATTTTCATTTTTTCG 74738
    
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Majority	CCAA-----AGCTTTCTAATACCA----G--TTTATCTTGTTTATAAAGTAGCTAAT--ATTTCTAA---ATAGTTTCA	
	80650 80660 80670 80680 80690 80700 80710 80720	
Human	CTTTT----AATTCTCAATTACCATTATAAATTTATTTTAAATTATTAATAACTAATTACTTTAATTTCTCAATTACTATTTTTTC	79777
Kakapo	TCAT-----ATTTATGTTATATT-----TTTATGTTGCTATTAATATACGTTAA--GTATATAGTATTACACTTTGA	41302
GoldenEagle	ACAA-----AGCTTTCTAATACCA----G--TTGATCATGTTGTCAAAGTAGCTAAC--ATTTCTAA---GTAGTTTCA	50322
JapaneseQuail	-----AGCTTTCCAATACA-----G--GACATCTTCTTGATAAAGTAGCAACA--GTTTCTGA---ATAGCTGCA	36600
MediumGroundFinch	ACAA-----AGATTCTAATACTA----G--TTGATCATGTTTACAACATAGCTAA--ATTTCTAA---ATAGTTTCA	25582
GoodesThornscrubTortoise	TTTATCTCAGCCTCTTTAATGGCT---GGTTCGTGTTGCTCTAATACAGTGCCTAAT--ATCTGTGCA--TTTCTTCTGT	74810

Majority	GAT---AAGGCATCATATCTTAAACAGTAATGTGTAAGTTAGTTAATTATA----AAAACCCATGTTGT-----T	
	80730 80740 80750 80760 80770 80780 80790 80800	
Human	CATGAAAAGGCTTGATGTTCTAAACAGTATTATACCACCAAGTTATCTCTACTGGAAAACCCAGATTTCAAGAAAAAAA	79857
Kakapo	CAC---CAAGTACATTTTGAGAAACAAAAGTGCCTAAGTGGTCCATCTA---ATTTCATATCCTGTC-----T	41366
GoldenEagle	GAT---GAGTCCTCAAATCTTAAACAGTGTGTTGCATGATAACTAATAAAC---ATAATACAAGTTGT-----T	50385
JapaneseQuail	GGT---AAGTCAT-----T-AAACAGTCAACAATGAGTTGAGTGATGATC---AATAGCCATGATATAA-----AT	36659
MediumGroundFinch	TAC---AAGGTCT-----AAACAGTAAACATGGTAACCTTTTTCATAATA---GAAACTCTTCTTAT-----T	25637
GoodesThornscrubTortoise	GAT---ACAACAGCAGAACATAGCTAGTTAAGGGGAAATCAGTTAATTGCA---GAATGCCTCTCTGC-----C	74873

Majority	CTTATTTATTA AAAACATTTTGTCTCTCTATTAGAATGGCAAATCAAATGCTGTGGA-----GAATTACTTA-A	
	80810 80820 80830 80840 80850 80860 80870 80880	
Human	AATGATTTTGA AAAACAATTATGTCTTAAATATTTAAATTTCTTTTAAACATGTTTTTAACCATCTTTAAATTTTTTTGG	79937
Kakapo	CTTGACTCTTAGCATTACTTCTGCCTTCTCTGCTGGAGGACCTAGCACAGCCCTCGTAGT-----GGA-TGCTCA-C	41436
GoldenEagle	CTTATTTATTA AAAAATTTTTTACTTGCTTAAATCAGAATGGCAAATCAGGGTGCAGTGA-----GACCTACAGA-A	50456
JapaneseQuail	TTTATTCATGAAACAAGATTTTG--ACTTCTGTT-GAGTGGCAAATGTTAAAGACCTACA-----AAATAAACCC-A	36727
MediumGroundFinch	TTTATTTATTA AAAAACCTTTTCATTGCTTTAATCAGAATGGCAAATCAAAGTACAGTGA-----GAC-TGCAGA-C	25707
GoodesThornscrubTortoise	TTTACTATTTGAAACATTCAGGGCACAACTTTAATGATGACCTTTTGGAAAACCTTCGGC-----ACATCATTTTTTA	74945

Majority	CAAGTAATGTACTTT--A----T-T-TTGTGCTTTTGTA-ATTTGTC-TGAGCATTTCAAGAAATGAGGTCTGTGTGTGC	
	80890 80900 80910 80920 80930 80940 80950 80960	
Human	TAAGTAATTTTCATTAGATTGTTAAATGTATAGTGGCACGGTAGGG--TTGTATCTCAAGATATGAAGCAGTTTTTCAT	80015
Kakapo	ACAGTAGTATACCTGGGAGGAGTGC-TTTCCTCCCCAGA-GGGTGCT-CAGGCATTGGAACAGGCTGCCAGGGCAGTGC	41513
GoldenEagle	CAAGAACTGTGTTTT-----CTCTGGGTTTGTA-ATTTGTC-TGACCTTTCCAAGAAACAAGGTCTATGTGTGC	50523
JapaneseQuail	TAAAAAATGCAATTC-----CTGTT-ATATGTCCTGACCCCTCTAGGAAATGAGGGCTGT--GTGC	36785
MediumGroundFinch	CAAGAATTCGTGCCACAGCTGTTGCTGTGGCTTTTGTA-ATTTGTC-TGACCTTTTCAAAAAATGAGATCTATGTATGC	25785
GoodesThornscrubTortoise	ATCTAACGTACTTT-----TCTCTATTTATTGGTACATTTGTATATAGCAGTATAAATTTGCATGGCCGTCAACTG	75018

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Majority	TA-AGTAATCAGTTAAAAATGTATTG-GATGAATAGATGATCCTGGCCTGCAT--GCATTATTACTTATTCATCTA----	
		80970 80980 80990 81000 81010 81020 81030 81040
Human	AAAAATAAAGTATTAACCTTAGGCTGGTATGTTTAGATCAATACTGTATTTAAATAGATTGATAATTTTTTATATATTTT	80095
Kakapo	TGGAGTCACCGCCCTGCAAGCATTACACACTGTGTAGCCGAGGCCCTCA---GTGCCATGGGTTAGTGGT-----	41582
GoldenEagle	TA-TGTAATCGGTTAGAAACGTATCA-ATCAAATAGATGATCCTAGCCTGCAT--GCATCATTACTIONTTCATCTA----	50595
JapaneseQuail	TA-TATAAGCAAGTAGAAAATGTTG-CATGTGTAGATTATCCTGTCTCACAT--GCGTTGTTACTTGTTCATATC----	36857
MediumGroundFinch	TA-AGTAATCAGTTAAAAACACATCA-GTCAAATAGATGGTC-TAGCCTGCAT--GCATCATCACTIONTTCATCTA----	25856
GoodesThornscrubTortoise	@GGAAAAGAAAGTGAAAAGTGGATTTTGGAGGAATATAGGAAT-TGCCATGCA---GAACTACCAGTGGTCTATCTAATC-	75093

Majority	-----CTACATCCTTGGCTGTGATAAAAATAAGGTTT-CAGAAATCTTTG-AGACTGTAAGTTGGACATC-----TTTTC	
		81050 81060 81070 81080 81090 81100 81110 81120
Human	ATGAATTTATACTTTTTCTGAGATTTTCAAGGAGGAAAAATGAGTAGGAGATGACTGAGAGCTTAAAGTTTGGGAGTGTG	80175
Kakapo	-----G--GCCTTGGCAGTGGTGGCAATGGTT---GGACTGGATG-AGCTTTAAAGGTCTTTCA-----AACCG	41641
GoldenEagle	-----CTACATCCTCAGCTGTGATGAAATAAGGTGT-CAGAAATCTTTG-AGACTGTAAATGGACATC-----TTTTC	50662
JapaneseQuail	-----CTACATCCTCGGCTATGATAAAAAGTGTGTCAGAAATCTTAG-AGACTGTAAATGGACATA-----TTCTC	36925
MediumGroundFinch	-----CTACATCCTCACCTGTGATAAAAATAAGGTTT-CAGAAATCTTTG-AGTCTGTAAACTGGACAA-----TATTC	25922
GoodesThornscrubTortoise	-----CTGTATACTT-TCTCTGACAGCAACCAGTAC-TATATTTCAATGCAAGATGATAGACAACCCTC-----ATTAT	75160

Majority	AGTGAGTTTTGCTATTTTTTGAAGAAGTGGAT----AATTAC-----T-AATGGATAG-AGTGGGCTGGT-----	
		81130 81140 81150 81160 81170 81180 81190 81200
Human	AATTAACCTCAGCATTTCTTTAAAAAATGTGTATATATTACAGCATTTTCTTTTATTTGAAGTGAATGTATCTT	80255
Kakapo	AGTGGATTTGTGATGCAGATTATATGTTACTT----TATTGC-----CCATTTAATAT-AACTGGCTGTTG-----	41703
GoldenEagle	AATGAGTCTTGTATCTTTTGAAGAAGTGGAT----AATCAC-----T-AATGGACAG-AATGGGCTAGT-----	50722
JapaneseQuail	AGTGAGTCTGCTATTTTTTAGAATAAAGGGGAA----AATTTT-----T-AATGAACCA-GGTGGATTGCT-----	36985
MediumGroundFinch	AATGAGTGTAAATGTTTTTGAAGAAGGAGAA----AATTAC-----T-AGTGGACTA-AATGAGCTGGT-----	25982
GoodesThornscrubTortoise	@GACAATTATACAATATTATGTTGGGGTGGGTCCT-AAACCC-----CAGATAGTTAGTGGTGGCTTATA-----	75226

Majority	TTCAAA----TGAATG-ATCATGTGCATTT-ATTTG-TTATTTTGTTTTGTTTTTTTTTTCATATTATATATGAAGAGATA	
		81210 81220 81230 81240 81250 81260 81270 81280
Human	TTTAAATTCCTTAGTAATTTTTGAGCACTCCATATGTATAAAGCATGTGAATATTTGGTAGCATTTTACA--AATGTCCA	80333
Kakapo	TTTACA----TAGACC-ATCTAATACGGTC--T---CAAATCTGCTGAGTTTTTATAGGATGGAAGGGAGCAAGAGAAG	41772
GoldenEagle	TCCAAA----TGAAAT-ATCAGAAGCAGATGGTTTGTTTTTTTTCTTTTCTTTTTCACATCCTATATGAAGAGAGA	50797
JapaneseQuail	TTCAAG----TGAGT--ATCATGGCCATCATATCA--GAATTAGGCTTTTTTTTTTCCCTTTTATGTGTGAAGCAGAG	37057
MediumGroundFinch	TTCAAA----TGAATG-ATCAGAGGCAATT-----TTTTTTTCTTCTGTTTTTACCTCACATATGAAAC-AATAGATA	26049
GoodesThornscrubTortoise	@CCTGAAGCTTGATTG-TCCAATGTACTGTACTTAGCCTCTTAATATAACTGGATGTTCTTGTATCCATAAAAATGTC	75305

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Majority      TAAACTTTTTTTTGTTC--CCTTCAAATATATAGCCTATGTTACAGAATAAAACC-TTTATATTAATAAT-AAGTGTT
              81290      81300      81310      81320      81330      81340      81350      81360
Human         GAGATTTGTGAGAGTTCCTGAGATCTTCATAGGGGGCCCAAAAGTTTAGTATTACTTTTCACGTAATACTAAAGTGTA 80413
Kakapo        ATAATGGACTTTTGTTC--CTTTTAGGTATCCAGTCAGTCCCACA-AATACCACA-TCTAATGCAATAAA-AGATGGT 41846
GoldenEagle   TACACATTCCTCCCCC--CCCCCAAAGTTACAGGAGATCTTACAGAAAAAAACC-TTTGAATAAACAGC-AACTGTG 50873
JapaneseQuail AAAAGTTATGGGAGATT---TTTCAGGATAAAAAGCCTTTTGTGTGA-AACAGCAGC-TATATGGTAATG---AACCGCT 37128
MediumGroundFinch TAGTCTCCCTCCTCTCAACCCCCCTAAAAAGTTACAGATGTCACAGAAAAAAGT--TTTGGATAAACAAAC-AGGTGTA 26126
GoodesThornscrubTortoise@AATCCCTTGTGTAATC--CCACTAAACTCTATGCATTTGTGCTAAAAAATAAGCA-TTCTTATTGCTCTT-AAATGTG 75380
    
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Majority      TTATACTGAATTTTAATTAATAAAAATATT-C-----T--TTA-----ATAAGAACTACTTGGGATTGCAAGTACTGA
              81370      81380      81390      81400      81410      81420      81430      81440
Human         TTTTGCCTCTTTTACTTTTTCTCTTAATAGCATACAGTGGTAACTGAAGGCTAATAGTATGTGTGTTTATGTGCTTTAA 80493
Kakapo        GTTTGTTGCCTTTGATTTCAGGGAGATTTCCCTTTCTCTGTGCG----CGTGAGAGATGAGTGGGATTGTCATTACTGA 41921
GoldenEagle   TTATACTGAAGTCAACAAACAAAAGATT-----TTA-----ATAAGAACTACTTATAATTGCAAGTACTAA 50936
JapaneseQuail AAATAAAAATAAATGCTAATAAAAATGCT-----A-----ACAAAATTTACTTGGGATTGCAA-----GA 37184
MediumGroundFinch TTATACTGAACCACACATAACAAAATATT-----TTA-----TATAAGAACTACTCAAATAGCAAATACTGA 26189
GoodesThornscrubTortoise@TGCCCTTTAATTTTATTAGATACCTCCTCCCTTTTCTTGAGTTACAAGAGGGACTAAATAGGATTGCCTAGTTAAC 75460
    
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Majority      TA-TTTGTTATTC-TTAGTTTAGCTCCCTGTTTGATATCACTATTGCAAGTCTTTTGCTATACTTGGAAATATGCTGT--
              81450      81460      81470      81480      81490      81500      81510      81520
Human         AAAGTTCGTGGTT-TTGGCCAGGCGCAGTGGCTCAGACCTGTAATCCAGCACTTTGGGAGGCTGAGGCAGGTGGATCAC 80572
Kakapo        TAACTTTCTATTCCCTCTGGTTCGACCCCTGCATACTAACAAATTTGAATCTTCTAACTTTATTAGAAGACATTCGTAT 42001
GoldenEagle   TA-TGTAATA---ATACTTTAACTCCAATTTAGATATTT-----GTTAATGCTATAGCTGGAAATATGTTGT-- 51000
JapaneseQuail TA-TATCTTA-----GTTTAACTTCAATTTAGCTG-----TTCATTACTACAGCTAGAAATATACTGT-- 37241
MediumGroundFinch TA-TTCGTTACTC-ACAATTTAGGTATTTGTGTAATATTACAGCTGCAAATATACTGTTGTGCTGGAAAATTCACTGT-- 26265
GoodesThornscrubTortoise@TCAGTGGCATTGTTATTTTATACCTGTGTATGACACTATAGAGCAGTGTTCCTCCAACTGGGATGCCGCT-TGT 75539
    
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Majority      -TGTGGTTAGGCCTCCAGAGCTTTATC--CCTTGCTGTCTTTGCTGGCGTCTTTTGTTAG-AACTTTTCACTAATTCC-
              81530      81540      81550      81560      81570      81580      81590      81600
Human         CTGAGGTCAGGAGTTCAAGACAAAACCAGCCTGGCCAACATGGTGAACCCCATCTCTACTAAAAATACAAAAATTAGC 80652
Kakapo        CTTTAATTTCCCTTCTTAGAACACTTAG--TAGTGGGGTTTTTTTGTATGTGCCTTGACAG-GAAATAACCACAAAATA- 42077
GoldenEagle   -TGTGGTTAGGTCTCCACAGCTTTATC--CCTTGCCGTCGTTGCTGGCTTGCTTTATTAG-CACTTTCCACTAATGCG- 51075
JapaneseQuail ----TATTATGACTCCACAGTATTATT--TCTTGCTGTCTTCCTAGGCTTTTTTATTAT-AACTTTTCACTAATTCT 37314
MediumGroundFinch -TGTGCTTAGGGCTCACACAGCTTTATC--CATTGCTGCCATTGCTGGCGTCTTTTGTTAG-CACTTTCCACTAGTGCC- 26340
GoodesThornscrubTortoise@TAGGGAAAGGCCCTGGTGGGCTGGGCT--GATTTGTGTACTGCC-GCATCCACAGGTTC-AGCCAATCATGGCTCCCA 75615
    
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Majority      CTTTC-TTATGGTTGTTGCT--AAAT-TAATCTGTTTTAGAGGATAATAAATTGAAAA--TATTTCTGTGTGAATGGTG--
              81610      81620      81630      81640      81650      81660      81670      81680
Human         CAGGCATGGTAGTGGGTGCCTGTAGTCTCAGCTACTCGAGATGCTGAGGCAGGAGAAT-CACTTGAAGCTGGGAGGTGGA 80731
Kakapo        CTTTC-CAATGCTTGATCAG--TAAG-TAAGCACTATTACAGAGTAGTGATGGATGTCCTGTTCCTTTGAGGGGGCA-- 42151
GoldenEagle   TTGTC-TTATGGTGGTTCTT--AAAT-TAATCTATTTCAAAGGATAATAAATTGAAAA--TATTTTCATGTGAATGCTG-- 51147
JapaneseQuail CCTTT-TTAAAAGTCTTATT--AAAT-GAATCTGTTTCAGAGGATAACAATTGAAAA--CATTTCTGGATGAACGCTG-- 37386
MediumGroundFinch CCTTT-TTGAAGATTGTTGCT--GA-----CAGTTTTGAAGGATAATAAATTGAAAA--TGCTTTTGTAGGAATGGTG-- 26406
GoodesThornscrubTortoise eTGGC-CGTAGTTCGCTGCTCCAGGC-CAATGGGGGCTGCAGGA-AGCCACAGCCAGCACATCCCTCGGCCACCCTGC- 75691
    
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Majority      --TTAATTAATCCTTTTT-----TTTAACTTCT-TCAGTGGGACCAAAGAAAGTCTTGACGAGAGTTTGATGC
              81690      81700      81710      81720      81730      81740      81750      81760
Human         GGTTCAGTGGAGCCAAAATCTCGC----CATTACACTCCAGCCTGGGGGACAAGAGCAAGACTCCATCTCAAAAAAAAAA 80807
Kakapo        --TTTGTGCAACCCTTTT-----ACGAACAGAT-TGGACTGA--CGATGGAAATCTTGCCATAAATTGTAACCT 42215
GoldenEagle   --TTGAATTAATCTTTGTT-----TTTAACTTCT-TTAGTGGGACCAAAGAATGTCTGTAGAGAGTCTGATGC 51213
JapaneseQuail --TTAATTAATCTTTTTCT-----TTTACTCCA-TCAGTAGGA-CCAAGTGAGTCCATATAGAAAGTTTAATGC 37451
MediumGroundFinch --TGATAAATAATCATGTT-----TATAACTTCT-GTGGTGGGGCCAAAGAATGTCTCTAGGAGAGTCTGATGC 26472
GoodesThornscrubTortoise eTTCCAGCAGTTCCCATGGCTGGAGCAATGAACCGCTGCCAGTGGGAGCTGCAATCGGCTTGACCTGTGGTCGCGGC 75769
    
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Majority      TGTAAGAGTTTTTGCCTTTTAA---TGAGTTACTTGTGTTTGTGTGCCCCA-ATTATGGAAAGAGCGATAA-ACACTT
              81770      81780      81790      81800      81810      81820      81830      81840
Human         AAAAAAAGTTATGGTTTTAATTTTGGAAATGACAACCATTAATAGAACCACATTAGGCCGGGCGCGGTGGCTCATGC 80887
Kakapo        TGCTCACTGCTCC--CCTTCT-----GC-GCCCGTGGATGTTCTG--AG-AATATGATTGCACTAAAAG-ACAGTA 42279
GoldenEagle   TATGAAGAATTTT-GCCTTTTAAAGTATGAATTACTCGGCTATGCTCTGCCCA-ACTATGGAAAGAGCAATAA-AAACTT 51290
JapaneseQuail TATGAAGAGTTTTGGCTTTTAAA----GCATCTTTTGTGT-CATTACATTCA-ATTATGGAAAGAGCCTTAA-TAACTT 37523
MediumGroundFinch TGTAAGAATTTTTGCCTTTT-----TGAGTTACTTGGCTTTGCTGTGCCCCA-GCTATGGAAAGAACCATAA-ACACTG 26544
GoodesThornscrubTortoise eAGGTAAACAACCAGCCAGCAG---CCC GCCAGGAGCTTCTACTACACAAGCAGTGTCCGAAGTTTGGGAA-ACACTG 75844
    
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Majority      CACTAGTCA-----TCT-----TTAGATTCTTTTATT-----TATTAATTT--GTTGGACTGGT
              81850      81860      81870      81880      81890      81900      81910      81920
Human         CTGTAATCCTAGCACTTTGGGAGGCCGAGACGGGTGGATCACGAGGTCAGGAGATCAAGACCATCTT-GGCTAACACGGT 80966
Kakapo        AAATACTCA-----ACT-----TAGATTCTTCTTTT-----ACATAATTTT--GTTAAGCCAGT 42326
GoldenEagle   CACTAGTCA-----TCT-----TTAGGTTCTTTTATT-----TGTAATAAT--GCTGGACCGGC 51337
JapaneseQuail TGTTAGGCA-----TCT-----TCAAATCCCTTCTGTATTTTGTATTGTATGTATTGATGT--ATTGGAATAGC 37588
MediumGroundFinch CACTGGTCT-----TCT-----TTAGATTCTTTTACT-----CCTGAAAAT--GCTGGACTGGC 26591
GoodesThornscrubTortoise eTATAGACTAATATCTTT-----TAAAACCTTCTATTTTGAATAATCCTTTCACATCATTAAATTTAATTGCCCTTCT 75917
    
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Majority      TTAAAGTTTCTTATATTAGGGAG-----AAATG-TCTAGACATATTTGAAGAT--TTGAAATGCTATAATATTTTGACGC
              81930      81940      81950      81960      81970      81980      81990      82000
Human         GAAACCCCGTTTCTACTAAAAATACAAAAAATTAGCCGGGCGTGTGGCGGGCGCCTGTAGTCCCAGCTACTTGGGAGGC 81046
Kakapo        GTCTTTTTTACTGAACTCTGTA-----AAATG-TGCAAATAAAAT-GTGGAT--C--AAATACTATAAAAGCT----- 42388
GoldenEagle   TTAAAGCTTCTAAGGTTAGGGAG-----AAGTG-CCTAGACACACTTGAAGAT--TTGAAATGCTTTAGTATCTTGGCAT 51409
JapaneseQuail TTAGAGTTTCTAAACTATGGAG-----AGGTGCTTTAGGCACATTTAAAAGAC--TTGAAGCACACTAATATTTTGACAC 37661
MediumGroundFinch TTAAAGTTTCTAAGGTTAGGGAG-----AAATG-TCTAGACATACTAGAAGAC--TGGCTATGCTCTAG----- 26652
GoodesThornscrubTortoise@TCAACTCTTCTGTATCTGTTTTT---GACATGGAATTACCAGAACTGAACATGTTTTTCGAAGGGAGAATATAACTTTGA 75994
    
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Majority      TT---CATAAAACTAGCA-----TGGCCCCGTATAAAGTAAGTTGTT---C-----TG--C-----
              82010      82020      82030      82040      82050      82060      82070      82080
Human         TGAGGCAGGAGAATGGCATGAACCTGGGAGGCGGAGCTTGCAGTGAGCCGAGATCACGCCACTGCACTCCAACCTGAGAG 81126
Kakapo        -----GTTCTGTATAAACTA----- 42404
GoldenEagle   TT---CCTAATACCTAAATGATTGCTATTGACCTCGTATAAAATAAGTTGTTTCCCTCAGGTGGACATCTGTCACACC- 51485
JapaneseQuail TT---CTCATACTAAA-----TGATCAC-TGCTAAGTAGGTTTTT---C----- 37699
MediumGroundFinch -----TA----- 26654
GoodesThornscrubTortoise@T---TATAAAAGCAGCAAAGAATCCTGTGGCACCTTATAGACTAACAGACGTTTTTGGAGCATGAGCTTTCGTGGGTGA- 76070
    
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Majority      --AC-----T-----T-----A-----T--A--A-----T-A--T---
              82090      82100      82110      82120      82130      82140      82150      82160
Human         ACACAGCGAGACTCCGTCTCGAAAAAAAAAAAAAAAAAAGAACCCACATTAACAAAACCTCCTTGTGATTCTCCAT 81206
Kakapo        -----T----- 42405
GoldenEagle   TTACTGTCATTCTTCACATTTCTGTCTCTATGACCTCTGCCGTACATGAGTGAAATAAACATGACAT-TCAGCATATGA 51564
JapaneseQuail ----- 37699
MediumGroundFinch ----- 26654
GoodesThornscrubTortoise@ATACCCACTTTGTCCGATGCATGTAGTGAAATTTCCAGGGGCAGGTGTATATATATGCAGGCAAGAA-TCAGTCTAGAG 76149
    
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Majority      A-----A-G-----A-----A--A--A---TTTAGAA---TAGAACTGTAGGTTTCAAAGTTGA--GAGGAA
              82170      82180      82190      82200      82210      82220      82230      82240
Human         AGTTTTAAGACTATAAAGGGGAGCTGAGACCAAAAAGTTTGAGAAGTTTCTACTGTGGGATACAAAGTTGAA-GACAAT 81285
Kakapo        -----AGAT---GAGGCATATAGGTGACAA---G----- 42428
GoldenEagle   AATACAAAGCACTCAAAGTAAATTTCCAAAACAATTTTTTAGAA---CAGAACTGGATTTTTTAAAGTTGTTGAGAAA 51641
JapaneseQuail -----TTGAGAG---TAAAGCCATATCTTCAGTTTTACCCCAAGAA 37738
MediumGroundFinch -----AGACCTGG---T----- 26663
GoodesThornscrubTortoise@ATAATGAGGTTAGTTCAATCAGGG---AGGATGAAGCCCTGTTC---TAGCAGTTGAGGTGTGAAAACCAAGGGAGGAG 76222
    
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Majority	---AATTTGATATTCACG---TTCAGCGTGTAGTACAGTC--AT-----T-----	
	82250 82260 82270 82280 82290 82300 82310 82320	
Human	TATAGTTAAATAAGCAGGAGATACAGAGTATTTAATGAACAGTA-GATGGTTATAAGAGTCAAGAGATGTACAGAGAAA	81364
Kakapo	---AACCTTCCACTGA-----TCCTAGGAGTAGCACAGTC-----	42460
GoldenEagle	TTTAATTTGATATTCACAGGTTCCCTGTGTAGTACAGTCTGATTTGGGGAGTAAACTTCTTCTCCGTAGGGGTACTTT	51721
JapaneseQuail	CA-AAACCAATACTTGTG---TAGGCATATAGGACTGT---AT-----	37775
MediumGroundFinch	---AGCTTGACATT-----	26674
GoodesThornscrubTortoise	--AAATTGGTTTTTACACA--CCTCAACTGCTAGAACAGGGCTTCATCCTCCCTGGTTGAACTAACCTTGTATCTCTAGC	76297
Majority	-TGTTACTGCTTCG--TATATCAATTATTTTACTTGGAAAAA-CAGTTATATTCCT---T--A-----	
	82330 82340 82350 82360 82370 82380 82390 82400	
Human	ATGCTAGTGATTAGAGTTTTTTAGATTATTTTAAATTTTGGTAACTAATTATAATTCCTCAGTTAAGATTTTTTGGCTTAGT	81444
Kakapo	-----GCCTAG--TACCCAGTGACTTGACCAGGCAGAAA-CCGTCAGCTCCCT-----	42505
GoldenEagle	CTGTAACATGCATCC--TTTATTAATTTTTTCTTGGAAAGTA-AAGCTATATTTCTTCAGCTTTAACCAAAGAGCAAAAACA	51798
JapaneseQuail	---TTACACTTTCC--TATATCACGTGATTGGTTTTAAGAAA-CAGTAA--TC-----	37820
MediumGroundFinch	-----T-----	26675
GoodesThornscrubTortoise	@TGCTTCTTGCTTG--CATATATATACCTGCCCTGGAAATTTCCACTACATGCATCCGATGAAGTGGGTATTCACGCAT	76375
Majority	-----C-----T--T-----T-----A-GATAT-----T-----A	
	82410 82420 82430 82440 82450 82460 82470 82480	
Human	GGGCCCTTAGAATTACTTCTTCTCTGTTAGAATTTAAAGTGAAACCAGAAATTAAGTGATTTAATTTTTTTATTGTGGCA	81524
Kakapo	-----ACACAAT-----	42512
GoldenEagle	TGCGTCATATTTATGTTACATTATTATCTTGCTATTAATATATGTTAGTATATAGTATTACACCTTCCTTTACACAAAA	51878
JapaneseQuail	-----	37820
MediumGroundFinch	-----	26675
GoodesThornscrubTortoise	@AAAGCTCTTGCTCCAAAATGCTGTAGTCTGTAAGGTGCCACAGGATTCCTTGCTGCTTTTACAGATCCAGACTAACA	76455
Majority	----T-----AACTTGGTATGTTTATCTAGCAATAGACTTTCTAATTTTCAT----ATCCTTCTCTTGCTGCT	
	82490 82500 82510 82520 82530 82540 82550 82560	
Human	AAGATCTAGTCCAAATATCTTTG-ATGGACTTTTTGAAAACAGACTTTATTTGTTAAAAAGGGAATTTGAGGCTTGGTACT	81603
Kakapo	-----CCATGTTT--CCTTGGAAAGGGGAACTAAAAGCAC----A-----GC----	42549
GoldenEagle	TGTATTTTGAGAAACGAAATTGCTATGCTTGGCCTAGCAGTGGTCCATCTAATTTTCAT----ATCCTTCTCTGACAGCT	51954
JapaneseQuail	-----ACTACGCTTTGTATGCCAGCAGTGG----TCTAATTTGGT----ATCCTTCTCTGACAGAT	37875
MediumGroundFinch	-----T-----CTAA-----	26680
GoodesThornscrubTortoise	@GGTACCCTCTGATACTTTGATTTATGTAATGCCATAAAAATTTTCAGAATTAATGTCTATCCCTAACATTGTTTTT	76535

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Majority      G-TGT-ACTTCTTTGTTCT--CTTATAGAAGACATTGG-TAGCT-TC-TAATGGGTGACCATAGGTTAGCATGCCTGAGA
              82570      82580      82590      82600      82610      82620      82630      82640
Human         GA----ACTTCTTCTGCATGCCATATTGAAGTTGGTGGTTTTTTGTT-TGTTTGCCATCAGTGGGATCTCATACTAGACTA 81678
Kakapo        -----T--G-----AAGGTTTAGCCTAAGGGTAACGTGCTT---- 42578
GoldenEagle   AGTGTTACTTCTGCGTTCT--CTGATGGAAGACCTAGCGCAGCCCTCGTAATGGATGATCATACTAGCATACCTGGGG 52032
JapaneseQuail GCTGTTACTTCTATGTTCTTGCATATAGCAGACATAGGACAGCCTTAATAATGGGTGATCATTGTTAGCATGCCTGAGA 37955
MediumGroundFinch ----- 26680
GoodesThornscrubTortoise GTTGTGGTTTTTTTTTACCATTACTACATAACAGTTACTGGCTATCCCCTCAGTCACAATAAATTAATATTACATAAT 76615
    
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Majority      TGGGTACTTTTCTAGTCTCTGAAGTAGCTAGTGT--TGACTTGTGATTA--ATATTACATATAATAACAATGGTCTATTT
              82650      82660      82670      82680      82690      82700      82710      82720
Human         TGGAATTTAATAGAAATTTTTAAGATACTGTTTTTCTAAAAGGTAGCTAACTAAAGGCAGGAAAATAGAATGATGTA-AC 81757
Kakapo        -----CT-TCAGGGAATTGG-----ATTACAGA-----AG---CCACAA 42608
GoldenEagle   GGAGTGCTTTCTAACCCCAAGGTAGCTAGTGTCT--TGACTTGTGATGAAGCATATTATATGTCACCTTTATTGCCTATTT 52110
JapaneseQuail GAAGTACTTTCTAGTCCCGAAGTTGCTAGTGTCT--TGGCTTATGTGC----TGAAGCACATTACACATTGCTTTATTT 38028
MediumGroundFinch ----- 26680
GoodesThornscrubTortoise TAGCTAGTCTTTTGTCCAGAACATAAAATCTC--AATGTGTTAATTATTTATCTCTCATGAATCCCCTGGTAAAAGA 76693
    
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Majority      AATATAATGGT----TGGTGTTTCCACTGTTTACCTAGTATATATAAACTATTTTAGTTGCTTAT-TTGT-----
              82730      82740      82750      82760      82770      82780      82790      82800
Human         AATATAATGACTACATCTGGAGTTTCTGCTACTAATAAAATAATTGTATTGTCAACTTTAGTCAAATATTCTGTGCATTCA 81837
Kakapo        AGTATAATCAG-----TGGTGCT-----GCCTAGAATC----- 42636
GoldenEagle   AATGTAAGTGGC----TGTGTTTCCATAGACCATCTAATACAGTCTCAAATCTATTAAGTGTTTTTGCAGGA----- 52179
JapaneseQuail AATATAATGGC----TGCTGTTTCCACTGTTTCCATAGTCTATCAAATACTGTTTGAAGTGCTGATATAAGCATAGCT 38103
MediumGroundFinch AATGTAAGTGAT----TGCTATT----G----ACCTAGTATA----- 26710
GoodesThornscrubTortoise AACATAATTAATG-AGGTGGAGCACGGAAATTTTACTTACTTTATGTGAAAGAACTTTGTAACCACACTTATTTTACAC 76772
    
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Majority      -TCGCCGCTAT--AAACAAGATAAGGTTTTTTTTTTTGTATGT--TG-AGATAATTTCTCAAAT-TGACAAGTAATGTA
              82810      82820      82830      82840      82850      82860      82870      82880
Human         GTCAGAGCTATCTGAAAATACTGACGAATAGTATTACAATATG---GGGAGGTCACCTTCTCAAGACTGCAAGAAAAAAA 81914
Kakapo        ----- 42636
GoldenEagle   -TGGAGGGGAGAAAGACAAGATAGGGTTTTTCTTTTTTTTATGTATTATAGTCAATCCACAAATATCACATATAATGCA 52258
JapaneseQuail TTTGCCCTCAATGGAAGAAAGACAAGATTTTTCTTTCTGTCTGTATTCCAGACAGTCCACAAATGTCACAAGTAATGTG 38183
MediumGroundFinch ----- 26710
GoodesThornscrubTortoise CTCTCCATTTTCTTCTGCTGCAATAACTATTTTTTAGTAGTGTGGGAATATTTTATTTTATTATTGACGAGTACGGTC 76852
    
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Majority	ATAAT-AG-TT-TGTATGTTT-CTTTTGATTTA----AGTAGGTTTTCTCTTCATCTCGTG-A-TTATATTT--AGACTT	
	82890 82900 82910 82920 82930 82940 82950 82960	
Human	TTGTTGTTGTTAGGAATGTTTGCTTAGGAATTA----GGAATGTATACTTGACAACAAGTGAACGTATCCATTGAATGTT	81990
Kakapo	-----T--TGAATTG---AGAACGTTGCCTCCTCACCTCA-----	42666
GoldenEagle	ATAAA-AGATCATATTTGTTGCCTTTTGATTCA----AATAGGTTTTCCCTTTATCTTGTGGCATGAGAGAT---GACTG	52330
JapaneseQuail	ATAAA-AAGAT-TGTATTTATGCTTTTATTTA----AGTAAATTTTCCCTTTATCTCATCCAGGGAGATTACTAGAATT	38257
MediumGroundFinch	-----A-----AATAAGTT-----	26719
GoodesThornscrubTortoise	ACAATTAGCTTCTCAGTATTTACTCACTATCTGAGACAGGAGAATTTCTTCTGCCTTTCCCTTATTTTTATTTTTAAACAA	76932

Majority	AATTAA-TGTTACTTAGAAGTTTGTATATCTCTGGTTTGGCCTCTGAATACTAACA-TTTG-A---TTATAGATTAATCG	
	82970 82980 82990 83000 83010 83020 83030 83040	
Human	AAATGAGAACAACCTTATGGGGAGGATAGTGAGAGGTATAGTATTTAACATGGAAAAGTTAGTAATATAGTAGAATATTTG	82070
Kakapo	-----GTTATGCAGAGGTT-----C-----	42681
GoldenEagle	GAATTGTTGTTACTCAGAACCTTCTATTTCTCTGGTTTGAACCTGAATACGAACATTTTAAATCTTTTAAACTTTATCA	52410
JapaneseQuail	TTTTAAATATTACTTAGTACTTTATGTATCTCTGATTGGCCTGTGAATACTAACACTATG-----CTATTGATTCATCA	38332
MediumGroundFinch	-----	26719
GoodesThornscrubTortoise	AATTAACCTCTCAGGAAAGAAGGGAGAAAACCTCAGTTCTCATCTGCAAACATAAGATTTCTATTTAGATGGGTAGTGG	77012

Majority	GAAGGCATCTCTATGTTGAAT---CTTTATTAGAATACTTATTT---GTATTTTCTTCTGGGTATTATTAGACAAGAG	
	83050 83060 83070 83080 83090 83100 83110 83120	
Human	GTTGAAAAGATCCACATTGG-----TGTATTCAAAGACACACTGAAGACTATTGTGCATTAGTAAGTATTAACATGAG	82144
Kakapo	-----T---GA-GAGACATGTAG---GCCTTTTCATAGG-----	42708
GoldenEagle	GAAAGCATCCATGCTTTAATTTCCCTTTCTTAGAACACTTAACT---GTTTTTCTTCTGTATGTGCTTTGACACGAA	52486
JapaneseQuail	GAAGGCATCTGTATGTTGAATTTCCCTTTCTAGAATGTGTGTT---TTATTTTGTGTGGGTTTGGCAGGAAATGA	38408
MediumGroundFinch	-----GTTTTTCTTCTG-----	26732
GoodesThornscrubTortoise	CCCCAAGGTCAGGTTACATGGTCATGAGTTAAATATTCAATTTATCATCATCCTCCAGGCATCAGAAGACCACAG	77092

Majority	AATACT--ATTTTCCAGTTGGAGTGTGA---CAGAGATTTGCTTTAAGTCTAATTGAGTATTGAAGGAT-----CATTTG	
	83130 83140 83150 83160 83170 83180 83190 83200	
Human	AATCTTAATTTTAAATTTGGACCCTAATTTCTGAGATTTACTTTAAGAATAAAAGGGGATGAAACGAGATTGGCCATGA	82224
Kakapo	-----ACCAGCTCCAGTGTTA---CAGA-----TTGAGT-TTGAAGCAT-----CA----	42745
GoldenEagle	ATGACC--AGAAAATATTTGCACTATGG---CAAAGTAGTGATGGATGTCTGTTCCT-TTGAGGGGT-----CATTTG	52555
JapaneseQuail	CAAAAT--ATTTTTCAGCGTGTTTGTGA-ATCATGACTGATCAGTAATACTCCTTAAGTACTTCAGAAA-----AATAGG	38480
MediumGroundFinch	-----	26732
GoodesThornscrubTortoise	AGTGAA--ATCTGCAAGGCCTAGTGCAGTAGTAGAAAATAGCATAACAATAGAATAAAGTAATAAATAATTCAAACAATTA	77170

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Majority      T-CTTTT-TTGTTAAACTT-TGTGTTTATTTCTTTGAG-CCCA-TATAAT-TCCACATTTATCT--TTTAATTTTATAA
              83210      83220      83230      83240      83250      83260      83270      83280
Human         GTTGATCATTGTTAAAGTTGGGTGATGGCTACTTAGAGTTGCATTATTTTAGTCACTTTTACTTTTGTATATGTTGAAA 82304
Kakapo        -----
GoldenEagle   TCCAGCCCCGCCAAATCTCTCTCTCTCTCTCTCTCCCCCCTCTCAGTGTGCCACCTCCCCGATTTGTTTTC 52635
JapaneseQuail GACTTATGCTCTGTTCCCTTTGAGGAAACATTTATCCAGCCTGGGAAAATCTCCTTATTTTTATGGTTTGGTTTTATCA 38560
MediumGroundFinch -----
GoodesThornscrubTortoise GATTTTTGTGCTAGTCTTATCATTTTTATTTGTTGGAGACTAAATAAAATGTACAAATATATCTAATTTAACTGTAAAAG 77250
    
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Majority      ACTT-TTTGGCAAAA-GTA-ATACAGAATT-----GGA-----GTGAGGA-AGATGTCTTTCCTAGGCAATTAGTT----
              83290      83300      83310      83320      83330      83340      83350      83360
Human         TCTTCCAAAACAAATGTATAGCCATAAAAAAAAAAGGGAGCAAAGTAAGAAAAAAGGAGAGCCTAAAAAAAAAGGTACAG 82384
Kakapo        -----AGTT-----GAA-----GTGAGGT---GTCCCTGCCCATGGCAGGGGGTT---- 42782
GoldenEagle   ACAAATTTGTGTAACAAAACATAAAGAATT-----GGA-----ATGAAGATAGAAATCTCCCTAGGCAATTAGAA---- 52701
JapaneseQuail ACTTGTTTAGCAAAAGGTAACATAAGAGTG-----GAA-----ATAAATATAGATGTATTTTCTAGATAATTCAT----- 38625
MediumGroundFinch -----GTGGGA-----TCTGTC----- 26745
GoodesThornscrubTortoise TAGTGAGGCATAGCACAGGGGCACAATTTTCGAGGAT---GGTGAAGGA-AGAGGTGTATCCTAGGGGGCAGTATGCT 77326
    
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Majority      ----AA--TACTAAAATAATCTCATTGCGTACACCCTTGTTAAATCTTACTGTCCGTTTCCGTTTCC-TTCTCATTCT
              83370      83380      83390      83400      83410      83420      83430      83440
Human         GCAAAAAGGTGTGAAAAGAAACTCATCAAGAGCAAGAGTATTAATGAGAAACATATGCCACTGACAGAGTTCTCAGAAG 82464
Kakapo        ----GG--AACTGGA-----TGA-----TCTTAAGGTCTTTC-C----- 42810
GoldenEagle   ----AA--AAAAAAATTGTAACCATGCTTACTCCCTGCCTTCTCTCTCCCTGTGTGTTTCCCTTTGATACTAAATCT 52773
JapaneseQuail ----AA--TTCTATAATAATCTCTTTCCATCCACAATGGTAAAGACCTTCTCTCCCTCCATGTTCCCTTCTGATACT 38698
MediumGroundFinch -----ATGC----- 26749
GoodesThornscrubTortoise ACTAAA--TACCCAAGGGATTCTACTGGGAAAACCCATCATAAATTAATATTGTCCCTGCACAATGCCTTAGCCTTTTT 77404
    
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Majority      GGAT-AGGGGTGTTTTTAAATAAGTGG-TGA-TGTATTTACTTTT-TCTGCTTA-TATTTTGGGATTGACTGAAACTGAA
              83450      83460      83470      83480      83490      83500      83510      83520
Human         AGATAAAGGCTGAATTAAGAGATGGAGGGGAAAGTTTATAAGTCAAAAACCTTAGGTTAAGGTTTGTGAATATTTAA 82544
Kakapo        -----
GoldenEagle   GGGATTATCTTTTTTAAATTAATGGTTGAATGTATTTACTATTTACTGCTTAGTACTTGGGCATTGACTGAAACTGAA 52853
JapaneseQuail AAATCAGGGGTATTTTTCAATATGCAGATGACTATATTTACTGTTTCTGCTTAATATTCGGTCATTGACTGAAACTGAA 38778
MediumGroundFinch -----
GoodesThornscrubTortoise GAGGGGAGGAGCTGAAGTGTAGGTGGCCATTGGCAGCTGAGTTCCTGGATTAACCTTTGTTAGGAGGCAGAGACTAGG 77484
    
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Majority      GAGCTTTTCTTTTTCTG--ATGTCTTTTAATA-AATACTTTAAGGTCAAAGGGCGAAAACCTT---T--A-AGTGTA
              83530      83540      83550      83560      83570      83580      83590      83600
Human         GAGCGCTTCAGATTGCCAATGAAAGGTCATAGTA-GTTTCTATAAAGTCAAAGATCAAAAACCTTGACTTAAAAGAGTAA 82623
Kakapo        -----A-----ACCCTAA----- 42818
GoldenEagle   GAATTTATTTTTTTATG---ACTTCCTTTAAAATAAACTTAATGTGGGAAGGGAAGTAGTCTTAGGTGCATAGTGAAA 52930
JapaneseQuail GAACTTGCTTTTCTG---TTGTCTTCTTCTGAAATAAATCAGGGGAAAAAAGCGCTAGAT-----AGTGTAATA 38848
MediumGroundFinch ----- 26749
GoodesThornscrubTortoise GAGGATTACCACTATGGAGCCATGTCTCTGGACTGAATATTCCTATGTCTTTCATGGCTAGAACCTTTTTTCCCCACTGA 77564
    
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Majority      GATTATTTTTA--CTGTCTACCTAGGATACTGGAA--GACTTGTCCAGAGATGTGGTA-C-TAGCATGATGATATAAGCT
              83610      83620      83630      83640      83650      83660      83670      83680
Human         GATCTCTAAAACCAAAGGTAAC-AGCAGATTCTTATGAAATGCACCAGAAAGCTGGAA---AGAAAGAAGAAATAAAAT 82698
Kakapo        -----CCAGTCTAGGATTCTATGA--GGAATGCC----- 42845
GoldenEagle   AGTTATATTTAGACTGTCTACCTGGCATACTGGAA--TATTAGTCAAAGTTGTATTAGCTTAGCGTGATCATATAAGCA 53008
JapaneseQuail AATTATATTTAATCTGTCTACCTGGTGTATTGGAA--GACTGGTCAAAGCTTTGCTAGCTTAACATCATCATACAAACA 38926
MediumGroundFinch -----C---ATACTG----- 26756
GoodesThornscrubTortoise GCCTATTACTATGGGTAATACGTAGGCTACTCGATTTGCCTTGCTCTGCAAGGTTGTAACCTAGCCTAAAGCATCAAGTT 77644
    
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Majority      TTAGAAATTTTGCCAA--AGTGCTGAAAGCT-----A-----AAGTTAA---GCATTTAAGTTATGT-
              83690      83700      83710      83720      83730      83740      83750      83760
Human         GTGAACTTATGGAACAAGAGTGCTAAGGGCCTGTTCTACCCAGGTATGTTATGAAATCAA--TTCATTTAGTTTGGGTG 82776
Kakapo        -----TTTCAAAG--GGTGATGGAAAAT-----AA---GGATG---TAA--- 42876
GoldenEagle   TTAGAAGTTTTGCCAA--AATACTGAAAGCTGAGAAGCCAGTTGCAGTAAAAGAAAATAAA---ACGCTGAAGTTATAT- 53082
JapaneseQuail TCTGGAATTTTGCCAA--ACTGTAGAGAAA-----GTTAA---ACACTTAAGTTCTGT- 38974
MediumGroundFinch -----TCCTGGAA-----AA---GTA--- 26771
GoodesThornscrubTortoise GAAGTGAAGAAAGTAACTAATAACCAAAGCGTAATATAAAGGAAATATAATGGTGAAGATAACTTGCATTAATATTTAGT- 77723
    
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Majority      TTCTTT---TTTTTGCACATTTT---GCTACATTGGTTTCCTTTT---ACTGAACT-----CTATAATAT
              83770      83780      83790      83800      83810      83820      83830      83840
Human         TTTGTTCCTTTATGTTGGGAAGATAAAAAGAACATATAAATTCGTTTCTTGAGTGAACCAGTATTTATGAGAAATAAGCT 82856
Kakapo        -----TGATGCAGAGAGC---ACAATTAGCGTTTACTCTT---ACTGATTTGT-----CAATATTTA 42927
GoldenEagle   TTCTTTATGTTTTTTACACATTTT---GCTATGTCGGTGTCCCTTTT---ACTGAACT-----CTGTGAAAT 53143
JapaneseQuail TTCTGTT---CTTTTACACGTTTT---GCTACATAAATGTCCCTTTT---AATGGACT-----CTGTAAAAT 39032
MediumGroundFinch -----T--T-----GATACAATGGTGCTCATT---ACTGAAC-----CTACATGAT 26808
GoodesThornscrubTortoise @TCACTGACTTGACTGGTATATTCAGCAACAAGATTAATTAAGGTCC---ATCTAGCCCA-----GTATCCTGT 77790
    
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Majority GTGCAAATAATAATTTTAAT---CAAATATTTTAAAGCTATT---CCTGTATAGGCTATGTACAGTGCATATGTATTA
 83850 83860 83870 83880 83890 83900 83910 83920
 Human GGGTGTGTAAGAATTTAAGGGATGAAAATATCCAAAGTTGATTGGTAATTGAAAAGTAGATGAACGGTGTAAACACAAA 82936
 Kakapo CTTTAGACCATTGTGATAAC---TAGAACTTTAAGCATT---AGAGTACAGGCTGAATACATTTTAGA-GTATGA 42998
 GoldenEagle GTACAAATAA-AATTTTGAT---CAAATATGATAAAGCTGTT---CCTGTATCAACTATGTATAGTGCATATGTATCA 53214
 JapaneseQuail GTGCAAATAAAAATTTGATT---AAAATATGATATTGATATT---CCTGTATGAGCTGTCTGCAATGTATATATGTTG 39104
 MediumGroundFinch GTGCAATGGCAATGTGGAT---CAAATACATTAAGCTGTT---CCTATATAAACCATGTATAGTGAAGTGTATCA 26880
 GoodesThornscrubTortoiseTTCCAACAGTGGTCAATGC---CAGGTGCCTCAGAGGGAACG--AACAGAACAGGTAATCATCAAGTATCCATTCTC 77864

Majority CGAGAGTCTTTCCCGATCC-TGGGAGTAGCACGCTTGGCAGA-----TACCCAGTGACGTGACCAG--ATTAAACC
 83930 83940 83950 83960 83970 83980 83990 84000
 Human GGGAAATTCTGTCTAGAAATAAATGAAAATATGGTGACTTAAAGAT---AGTAGGACAGCAATAAGACTGGAAATTAGAAC 83012
 Kakapo AGACAGGCT---GAGAACAT-TGGGGCTGTTACGCTTGGAGAA-----GAGA--AGCTGCGTGGAGAC--CTCAGAGC 43063
 GoldenEagle CAAGAACCTTTCACAGATCC-TGGGAGTAGCACACTTGCCTAG-----TACCCAGTGACTTGACCAG--GCAAAACC 53284
 JapaneseQuail CAGAGATCTTTCACAGCTCC-TGGAAGTAGCACAGTTGTCAGG-----TGCAGCAGTGACATCACCAC--ATGCAACA 39174
 MediumGroundFinch CAAGAGCCTTTCACGATCC-TGGGAGTAGCACACTCAACTCA-----TACCCAGTGATGTGAGCAG--ACAAAACC 26950
 GoodesThornscrubTortoiseGTGCGTTATTCCAAGCCTC-TGGCAAGCAGAGGCTAGGGACACCATCGCTGCCATCCTGCCTAATAACT-ATTGATGG 77942

Majority AGCATTTCTCTATAGG---ATCTGAGTTCTTTGGA---TGATGGAAAGTA--GAAGCTCAACTGATGCTGTAGC-TGAT
 84010 84020 84030 84040 84050 84060 84070 84080
 Human AATAAAATAAGAAGGAAATGATAACATAGATTGGGAAAGGATAGGAAAATACTGAAACAAAATCTGTGTGTATAGTGAT 83092
 Kakapo AGC-TTCCAGTGTCTG---AAGGGGGCTACAA-GGA---TGCTGGAGAGGG--ACTCTTCATCAGAGACTGTAG--TGAT 43131
 GoldenEagle AGCAGGGCTCTACAGG---ATGTGAATTTCTTTGGA---AGAAGGAAAAA--AAAGCACAGCTGAAGGTTTAGC-TAAT 53355
 JapaneseQuail ACCAGATTTCTGTAGG---ATCTGAGTTACTTTGGA---AGAGTGG-----TCAAGTGTTTTCTAG----- 39230
 MediumGroundFinch AGCATTTCTGTACAGG---GTCTGAGTTCTTTGAA---GAAGAAAACGTA--GAGGCACAACCTGAAGCTATAGC-TGAG 27021
 GoodesThornscrubTortoiseACCTATCCTCCATGAATTTATCTAGGTTTTTTTGAACCTCTGTTATAGTCTT--GGCCTTCACAACATACTCTGGC-AAAG 78019

Majority GGTAACATGTTTTTTCAGGGCGTTGGATTTCAAAGCCACAGAGTATG-T---T-----TTGAGTCTTTAATTTAG
 84090 84100 84110 84120 84130 84140 84150 84160
 Human GGTTTCTGTTCTTTCAACCGGGAGAGTGTGTGTGTTGAAGGAACCTGTATTCATTTTAATTACTTGAGTGTATAATTAAG 83172
 Kakapo AG-GACA-AG-----GGGTGATGG-TTCAACTGAACCAGGGGAAG-----TTCAGG-TTAGATCTAA 43185
 GoldenEagle GGTAACATGTGTCTTCAGGGCATTGGATTACAAAAGCCACAGAGCATAATCAGTGGTGTACCTTCAGTCTTGAATTTAC 53435
 JapaneseQuail GGAATCATAT-----TATAT--AAAACCATAGAATAAC-----CAGT--TTGATGCAG 39274
 MediumGroundFinch GGTAACATGGTTCTTCAGAGAACTGGATTACTAAAGCCACAGAGCATG-----TTGAATCTTGAATTTAG 27086
 GoodesThornscrubTortoiseAGTACCACAGGTTGGCTGTGCGTTTTGTGA--AGAAATACTTCCTTTGTTTGTGTTTAAACCTGCTGCCTTCTAATTTTCAT 78097

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Majority      ATGGTTGCCTC-TTCACCTTG--CATGCTAAGGTTCTGAGA---GATGCATAGTCCTTTTCACATGGCCAGCTCTCTAGT
              84170      84180      84190      84200      84210      84220      84230      84240
Human         AAGGCAAGCACATTTTCTAAGATTTTCTTTATTTGCATGA---ATTAATAATGATGTTTCAGAGTGATTTGTCTCTAGG 83249
Kakapo        GGCAGAAGCTC-TTCCCTGTGAGGGTCTGAGGCGCTGGCACAGGGTGCCAGAGAAGCTGTGGCTGCCCCATCCCTGGC 43264
GoldenEagle   AACGTTGCCTC-CTCACCTAGTTCATGCTAAGGCTCTGAGA---GATACATAGGCCTTTTCACATGACCAACTCGCATGT 53511
JapaneseQuail CTGTGTGCCTC-CTCACCT----CAT-TTATGGTG-TGAGA---GATGCATAGGCCTTTTCACTTGACCAGCTCTGCAGT 39344
MediumGroundFinch AGGGTTGCCTC-CCCACCT----CATGCTAAGGTTCTGAGA---GATGTGTAACCTCTTCACATGGACAAATGCACAGT 27158
GoodesThornscrubTortoise@TGATGACCTC-TTGTCTTG--TGTTATGAGGAGTAAATAACACTTCCTTATTTACTTTCTCCACACCAGTCATGATT 78174
    
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Majority      TGTGGACATAGTCTGAAGTTTGAAGTTGAAGTGTGGAGTACCT---CTCAA-G-TGGTGTGAAATAAAGATGTCATGAT
              84250      84260      84270      84280      84290      84300      84310      84320
Human         AGCTGAAAGACTACTACCTTTGTTTCATAAGCTGTAATTATTTGATTTCAAGTGTGAGTTTATGAAGAAGATAGCAC-TT 83328
Kakapo        AGTGTTC AAGGCC--AGGTGGACACAGGGCTTGGAGCAAC---CTGCTC---TAGTGTGAGGTGTCCCTGCC-TGTG 43334
GoldenEagle   TGTATACTTAGTCTGAAGTATCAAGTTGAAGTGAGGAGTACCT---CTCAAAGGGTGATGGAAAATAAGGATGTAATGAT 53588
JapaneseQuail -----ATATAGTATGAAGCATGAAGTTGAAGTGAGCAGTACCT---TTCAA-----GGCAATACAGATA----- 39404
MediumGroundFinch TGGGGATTTAGTC--AAGCACC AAGTTGAAGTGTGGAAAGTCT---CTCAA---TGATGAGAAACAAGGATGTAATGAT 27230
GoodesThornscrubTortoise@ATAGACCTCAGTCATATCTCCCTTTAGTCTCTCTTTTCCAAG--CTGAAAAGTCCCAGTCTTATTAATCTCTCCTCAT 78252
    
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Majority      GCGGAGAGCACAATTAGTGTTTATTTTACTGATTTTATCAACATTTACT-T---CC-----AACTAGACA-----
              84330      84340      84350      84360      84370      84380      84390      84400
Human         GCGGAAAAA--GTGAATTACCATTATGTCGAAAGTGATACTTTTTTACATTTGGCCTTTTACTGTAATCGTGGGAAGTG 83406
Kakapo        GCAGGGGGTTGGAAGCTG-GATGATCTTTAAGGTCCTTTCCAAC-----CCAAACC----- 43383
GoldenEagle   GCAGAGAGCACAATTAGTGTTTATTTTACTGATTTGATCAACATTTACT-----AACTGGACA----- 53647
JapaneseQuail GTGGGGAG-----GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 39412
MediumGroundFinch GCAGAGAGCACAATTAGTGTTTATTTCTTACTGATTTAATCAACATTTACTTTAGACCATCTTGATAAACTAGACA----- 27305
GoodesThornscrubTortoise@TGAAAGTGATTATATACCCTAATCATTTTTGCCCTTTTCTGAACTTTTCTAAACCTGTAGATATTATTAGGGAGGATT 78332
    
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Majority      -TTTCTGTCATTTTGGAGTACAGTAGAAACAGTTTGGTGCACAAGAAT---GTTTATTTGAAAAGAA-----AGTACTT
              84410      84420      84430      84440      84450      84460      84470      84480
Human         AATTTTCCAAGCCTGTGACTTGG-AATTATATTTTTCATGCTTTG-TTGTCTTTTCCAGAGGAAATAGAGTATTATATAT 83484
Kakapo        -ATTCTGTGATTCTA---TACAGGAGAAACAGTCTCTGGTACATAG-AAT---GTTTGTTTGAAAAGAA-----AGTACTT 43450
GoldenEagle   -TTTAAAGCATTTTGGAGTACACTGGAACACCTTTGGTGCACAAGAAT---GTTTATTTGAAAAGAA-----AGTACTT 53718
JapaneseQuail -----CG-----GTTCTGGTGCACAAGAAT---ACTTATTTGAAAAGAGGAGAGAGTAATT 39460
MediumGroundFinch -CTTCAAGCATTTTGGAGTGCAGTGC AAACAGTTTGTCTGCACAATAAT---GGTATTTGAATAGAA-----AGTACTT 27376
GoodesThornscrubTortoise@TTGCTGTAATCTAAGAAAAAAGAGCAATATGTGTGCTTCACAAGAACTACATTTGATTGAAAACAA-----AATGGTC 78407
    
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Majority	TTTATACCT---CATCAGTTCCTTTGAAGACTTGATTTGAAT-AA--AA-----AATATTTTTCATTTTCTTCTTTCT	
	84490 84500 84510 84520 84530 84540 84550 84560	
Human	TTGATATTTTAACATAATACAGGTATGTACTTTAGTTCAAATAATTAATGGTTTTGTGAAATCAATTATTTTCTTTAC	83564
Kakapo	TTTATACCT---CCTCAATTCCTTTGAAGACTTGATCTGAAT-AA--GA-----AAGAATTTTCACTTTGCTTCTTGCT	43517
GoldenEagle	TTTACACCT---CATCACTTCCTTTGAAGACTTGATCTGAATCAA--AAAAA---ATAATTCGCCATTTCTCTTCTTCT	53789
JapaneseQuail	TTTACACCT---CGTCTCTT---TGAAGCCTTGATTTGAGT-----AATATTTAATATTTCTATCCCTCAT	39520
MediumGroundFinch	TTTATACCT---CATAAGTC---TGCAGACTTGATCTGAA--AA--A-----AAAATTCTACGTTTCTTCTGCCT--	27436
GoodesThornscrubTortoise	TTTAGAGAA---GTGAAGTAGCGTATAAAGT-GCTTTGAAGCAA--GAAAATAGCGAGAAGTTTGGTTTTTCTCCTTA-T	78480

Majority	GTTAATTTAGCAACCCATTTTACAACCCCTTTGGATAACTTTAACAGTT-GAATGGTTTGCTTTGTAGAGTGTGTATGCA	
	84570 84580 84590 84600 84610 84620 84630 84640	
Human	TACACATCAGCAAACAATTTTCTAAACACTATAAAAAATTAACCTTTCAGGAACCATTTGGAATGGTCAGCCGTAAGCCAT	83644
Kakapo	GTGAATTTAGCAACCCCTTCTCAAGCCTTTGGAGGACGTTGACAGC--GAATGGTCTGCTGAGTAGAGTGTGTCTGCA	43595
GoldenEagle	GTTAATTTAACAACCCATTTTACAACCCCTTTGGATAACATTAACAGTG-GAATGGTCTGCTCTGTAGAGCATTGTATGCA	53868
JapaneseQuail	GTTCACTTA---ATTCAATTTTACAACCCCTCTGGACATCTACAGCAGTTAGAATGGTCAACTTTGTAGACT--CATATTCA	39595
MediumGroundFinch	--TAATTTACCAGCCTATTTTACAACCTTTTGGATGACTTTA-CAGTT-GTATTGTTTGCTGTGTAGAGTGGTGTATACA	27512
GoodesThornscrubTortoise	ATTTA-TTACTGATCCATTTCACTAAGCATTGGAAAATACGAATTGTG-GAAGGAATTTTTTTATAGTGT---AAATATA	78555

Majority	GCACCTGTACTGATAAAGGTGCTTTTTT-T--TAAATGACTTGTGTGTGTTTCGTAAAATATGCTTTATTTTAAAATTAG	
	84650 84660 84670 84680 84690 84700 84710 84720	
Human	GCAGCCATCGTGCTTAAATTTGGTTTTTG----TAAACGACTTGTGTGTGTTTCGTAAAATATGCTTTATTTTAAAATTAG	83720
Kakapo	GCACGTGTGCTGATAGAGGGACTTTTCTATACAAAATGACTTGTGTGTGTTTCGTAAAATATGCTTTATTTTAAAATTAG	43675
GoldenEagle	ACACTTGTGCTGATAAAGGTACTTTTTT-TTTTAAATGACTTGTGTGTGTTTCGTAAAATATGCTTTATTTTAAAATTAG	53947
JapaneseQuail	ACACTTGTACTGATGTAGGTGCTGTCT---TAAGCGACTTGTGTGTGTTTCGTAAAATATGCTTTATTTTAAAATTAG	39671
MediumGroundFinch	GCCCTAGTACTGATATAGGAACTTTTT-TAGAAAATGACTTGTGTGTGTTTCGTAAAATATGCTTTATTTTAAAATTAG	27591
GoodesThornscrubTortoise	GTATTTGAACCTCTAATTTAGATATTTT---TAAATGACTTGTTTGTATTTTCGTAAAATATGCTTTATTTTAAAATTAG	78631

Majority	GGCTTCCTGTTGCAGCTGTTCCAGGAGCTCTGAGTCCCTTTGGCTATTTCCAAATGCTGCTGCTGCAGCTGCAGCTGCTGCT	
	84730 84740 84750 84760 84770 84780 84790 84800	
Human	GGCTTCCTGTTGCAGCTGTTCCAGGAGCTCTGAGTCCCTTTGGCCATTTCCAAATGCTGCTGCTGCAGCTGCAGCTGCTGCT	83800
Kakapo	GGCTTCCTGTTGCAGCTGTTCCAGGAGCTCTGAGTCCCTTTGGCTATTTCCAAATGCTGCTGCTGCAGCTGCAGCTGCTGCT	43755
GoldenEagle	GGCTTCCTGTTGCAGCTGTTCCAGGAGCTCTGAGTCCCTTTGGCTATTTCCAAATGCTGCTGCTGCAGCTGCAGCTGCTGCT	54027
JapaneseQuail	GGCTTCCTGTTGCAGCTGTTCCAGGAGCTCTGAGTCCCTCTGGCTATTTCCAAATGCTGCTGCTGCAGCTGCAGCTGCTGCT	39751
MediumGroundFinch	GGCTTCCTGTTGCAGCTGTTCCAGGAGCTCTGAGTCCCTTTGGCTATTTCCAAATGCTGCTGCTGCAGCTGCAGCTGCTGCT	27671
GoodesThornscrubTortoise	GGCTTCCTGTTGCAGCTGTTCCAGGAGCTGAGTCCCTTTGGCTATTTCCAAATGCTGCTGCTGCTGCAGCTGCTGCTGCT	78711

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Majority	GCTGGCCGTGTGGGAATGCCTGGAGTTTCAGCTGGTGGCAATACAGTCCCTCGTTAGCAATTTAAATGAAGAGGTCAG	
	84810 84820 84830 84840 84850 84860 84870 84880	
Human	GCTGGCCGAGTGGGTATGCCTGGAGTCTCAGCTGGTGGCAATACAGTCCCTCGTTAGCAATTTAAATGAAGAGGTTAG	83880
Kakapo	GCCGGCCGGTGGGAATGCCTGGAGTTTCAGCTGGTGGCAATACAGTCCCTCGTTAGCAATTTAAATGAAGAGGTCAG	43835
GoldenEagle	GCTGGCCGTGTGGGAATGCCTGGAGTTTCAGCTGGTGGCAATACAGTCCCTCGTTAGCAATTTAAATGAAGAGGTCAG	54107
JapaneseQuail	GCTGGCCGTGTGGGAATGCCTGGAGTCTCAGCTGGTGGCAATACAGTCCCTCGTTAGCAATTTAAATGAAGAGGTCAG	39831
MediumGroundFinch	GCTGGCCGTGTGGGAATGCCTGGAGTTTCAGCTGGTGGCAATACAGTCCCTCGTTAGCAATTTAAATGAAGAGGTAAG	27751
GoodesThornscrubTortoise	GCTGGCCGAGTGGGTATGCCTGGAGTTTCAGCTGGTGGCAATACAGTCCCTCGTTAGCAATTTAAATGAAGAGGTCAG	78791

Majority	TGAAACAATTTTA---TCTTTTTTTTTTTTCCCTCTTTAGTCACACTTCATTTGTCAGTGTTTTAT-ATTTTTTTCGATTT	
	84890 84900 84910 84920 84930 84940 84950 84960	
Human	TAAAATAATCTCTAATGTTTATTTCTTTAACTCCATTTTCATT-TGTGAAAGTTTTTCATGTTTATT--TCATTTTGCACCT	83957
Kakapo	TGAAACCACTTTA---CTACTTCTTTTGCCTCTTTAGTCACCTTCATTTGTCCTCGTTTATGATTTCTTTGCATTT	43911
GoldenEagle	TGAAACAATTGTAATTTTTTTTTTTTTTCCCTCTTTAGTCACACTTCATTTGTCAGTATTTTATAATTTCTTTGCATTT	54187
JapaneseQuail	TGAAATAATTTGA--CTCTTTTATTTTTTCCCTTTTACCATATGTCATTTGGTCATCATTTTAT--TTCTTTGTTTTT	39907
MediumGroundFinch	TGAAACAATTTTA---CTTTGTTTTTCCCCCTCTTTAGTCACACTTCATTTGTCAGTATTTTATAATTTCTTTGCATTT	27827
GoodesThornscrubTortoise	TGAAACTATTAAC---TCTTCTTTCCCTTTATTTTTTAAATCACACTTCATTTGTAATGTTTTTC-ATTTTTTTCGACCT	78867

Majority	GGCCTC--TTATATTTGGAT--TTTAAGCTCAA-GTATTTTTGCTGTT---TTTTTTTA--ATAATCCCTACCCAAAGT	
	84970 84980 84990 85000 85010 85020 85030 85040	
Human	GCCTTTCTTTTATGTACAT--TCATTAGTCAA-GTATTTTCTGTATGTTTCTACTTCTGAATAAAATCTACATATTGT	84034
Kakapo	GGCCTC--TTACATTTGGGT--TTTAAGCTCAAAGTATTTTTGCTGGT---TTTCTTTA--GTAATCCCTCCCAAGT	43982
GoldenEagle	GGCCTC--TTACATTTGGAT--TTTAAGCTCAA-GTATTTTTGCTG-----TTTTTTAA--TAATCCCCA---AAGT	54251
JapaneseQuail	GGCCTC--TTATATTTGGAT--TTTAAGCTCATA-GTATGTTGCTGTTACATTTTATTACCTTACTACTCCCCAAAGT	39982
MediumGroundFinch	GGCCTC--TTATATTTGGAT--TTTAAGCTCAA-GTATTTTTGCTG-----TTTTTTTA--ATAATCCCTA---AAGT	27891
GoodesThornscrubTortoise	GCCTCTATTTTCACTTGCATACTTTATGATCAA-GTATTTTTTCTCGTTTTTTGATGTCTAAATTAATTTGGAAACTA	78946

Majority	TAATTTTAAAGTTATTTTTGTAAATACTTTTGTTTTCCCTAGGTAGCTAACAACCTTAAAATGTCCTTTGATAGTTGGCTA	
	85050 85060 85070 85080 85090 85100 85110 85120	
Human	TTAGGTAATACTTTATTTCCTTAAACAGTCATGCTCTTTATATCTATATCTATATATG-TATATTTTTTAACTA---A	84110
Kakapo	TAATTTGAAAGCCC-----TT----CTTTTGTTTTTCCAGGTAGCTAACAACCTTAAAATGTCCTTTGATAGTCGGCTA	44051
GoldenEagle	TAATTTTAAAGCCATTATTGTAAATACTTTTGTTTTCCAGGTAGCTAACAACCTTAAAATGTCCTTTGATAGTCAGCTA	54331
JapaneseQuail	TAATTTTGAAGTTATCCTTGTAAATACTTTTGTTTTCCAAGGTAGCTAATGACTTAAAATGTACTTTCATAGTTGGCTA	40062
MediumGroundFinch	TTATTTTAAAGCCA---TTGTTAAATACATTTTGTTCCTAGGTAGCTAACAACCTTAAAATATCCTTTGACAGTCAGCTA	27968
GoodesThornscrubTortoise	TAAACTTTTATATTTTTTCTATTA--TAATTTTGTTTTCCCTAGGTAGCTAACAACCTTAAAATAGCCTTTGATATTTGGCTG	79024

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Majority      CCTATTTTTTCT--AAGAAAAATATGGT-AACTACTGCATGTTTGACTTTTGAATTGAAAGTTCTA--TTT-----AAA
              85130      85140      85150      85160      85170      85180      85190      85200
Human         CCTATTTTTTCT--AAGAAAAATATGGTGAAGTACTGTA-GTTTGGCTTATCTTTTTGTGTTCTC-----AA 84175
Kakapo        CCTATTTTTTCT--AAGAACAATGTGGT-AACTACTGCATGTTTGACCTTGAATGAAAGCTCTTCTTTT----- 44119
GoldenEagle   CCTATTTTTTGT--AAGAAAAATGTGGT-AACTACTGCATGTTTGACATTTGAATTGAAAACTTATTTTTACA---AAA 54405
JapaneseQuail CCTGTATTTTCT-----TAAGTATGGT-AACTATTGCATGTTTGACATTTGAATTGAAA----- 40115
MediumGroundFinch CCTATTTTTTTTCTAAGAAAAATTTGGT-AACTTCTTCATGTTTGA-----A-- 28014
GoodesThornscrubTortoise CCTATTTTTTCT--AAGAAAAATATGGT-AAATACTGCATGTTTGGCTTTCGATTTGTAACTTAAATATTTTCACAAAAA 79101
    
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Majority      TAGCAACTGTGCTTTCTTTTGCA-ATTATAATC-ATGTAAACTAGAAATTT-CTGTTTGTTCCTTCTAATTGTTTGCTGT
              85210      85220      85230      85240      85250      85260      85270      85280
Human         AGGCAAATGTGATCTAATTTGCAAATT-TAACT---GTAAAACAATTTTG--CTCTTTGCCTTTTCTAATTATTTGCTTG 84249
Kakapo        TTACACCTCTGCTTTCTTTTGCA-ATTATAATC-CCCTAAACTCGATTTTCTGTTTCGTTTCTCTTAATGGTTTGCTGT 44197
GoldenEagle   TAGCAACTATGCTTTCTTTTGCA-ATTATAATC-ATGTAAACTAGAAATTT-CTGTTTGTTCCTTCTAATTGTTTGCTGT 54482
JapaneseQuail -TTTTGTTTGTGTTTTATTTTACA-ATTATGATC-ATTTAAACTTAGAATTCCTGTTTGTTCCTTCTAATTGTTTGCTGC 40192
MediumGroundFinch TACCAACTATTCTTTCTTTTGTA-ACTGTAATC-ATGTAAACTAGAAATTT-CTGTTTGTTCCTT--ATTGTTTGCTGT 28088
GoodesThornscrubTortoise AGCAAATGTATTCTAATTTGTAGATTATATTTTATGTAAAGTAGAATTG--TGTTTTCTTTTC-TAATTATTTGTTGC 79178
    
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Majority      TTCATTTTCATGCTTGTATCTCACA-----TTTAAAGGCTCTT-AATTTATGTGAACACTACTCTAACACGTTTTCTTTGAA
              85290      85300      85310      85320      85330      85340      85350      85360
Human         TTCATTTTCATGCTTATATGTCATTGCATTTTTTTTAAATCTT-ATTTTATGTGAACACTACTCTAATACATTTTCTTTGAA 84328
Kakapo        TCCATTCCATGCTTGGAGCTCACC-----TTTGAAGGCTTTAATTTATGTGAACACTACTCTAACACGTTTTCTTTGAA 44271
GoldenEagle   TTCATTTTCATGCTTGTATCTCACA-----TTTAAAGGCTCTT-AATTTATGTGAACACTACTCTAACACATTTTCTTTGAA 54555
JapaneseQuail TTCATTCCATGCTTGTATCTCACA-----TTGTAAGGCTCTT-AATTTACGTGAACACTACTCTAACACGTTTTCTTTAAA 40265
MediumGroundFinch TTCATTTTCATGCTTGTATCTCACA-----TTTTTGAGTCTT-AATTTATGTGAACACTACTCTAACACATTTTCTTTGAA 28161
GoodesThornscrubTortoise TTCATTTTCATGCTTACATGTCACCTGCAT--TTTTAAAATCTT-AATTTATATGAACGCTCTAACACGTTTTCTTTGAA 79255
    
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Majority      GGTTCCTCCAAAGATCTTGACGAGGCACTCTTCCAGTCTCTCTTAGTAATTTTTTTTCTTTGCAGTTACTCATTGTGCT
              85370      85380      85390      85400      85410      85420      85430      85440
Human         GGTTCCTCCAAAGATCTTGACGAGGCACTCTTCCCGTCTTTCTTAGTAATTTTTTCTTTGCAGTTATTAGTCATTGTGCTT 84408
Kakapo        GGTTCCTCCAAAGATCTTGACGGGCCACTCTTCCAGTCTCTCTTAGTAATTTGTTTC--CTTTGCAGTAACTCGTTGTGCT 44349
GoldenEagle   GGTTCCTCCAAAGATCTTGACGAGGCACTCTTCCAGTCTCTCTTAGTAATTTTTTTT--CTTTGCAGTTACTCATTGTGCT 54633
JapaneseQuail GGTTCCTCCAAAGATCTTGACGAAGCACTCTTCCAGTCTCTCTTAGTAATTTTTTTT--CATTCAGTTTCTCATTGTGCT 40343
MediumGroundFinch GGTTCCTCCAAAGATCTTGACGAGGCACTCTTCCAGTCTCTCTTAGTAATTTTTTTTCTTTGCAGTTACTCATTGTGCT 28241
GoodesThornscrubTortoise GGTTCCTCCAAAGATCTTGACGAGGCACTCTTCCAGTCTCTCTTAGTAATTTTTTCTTTGCAGTTATTATTCATTGTGCT 79335
    
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Majority TTAAAAA-----A----TAAAAAATGGTGGCAAAGCATTTCACCTAA--CTGT-ATCTTTCTTGCTAACTCTG
 85450 85460 85470 85480 85490 85500 85510 85520
 Human CTAAAAAT-----A-TTTTTTAACCTTATTCACCCACCCCTTCCTTCCTTACCACCCCTCCACCCAGTTAAATAAA 84479
 Kakapo TTAAAAAATAACAATAAGACGAAAAAAGTGGTGGCAAAGCATTTCACCTAA--CTGT-ATCTTTCTTGCTAACTCTG 44426
 GoldenEagle TTAAAAA-----TAATAATAAAAAAATGGTGGCAAAGCATTTCACCTAA--CTGT-ATCTTTCTTGCTAACTCTG 54703
 JapaneseQuail AAAAGTAA-----TAAGGAAAAATGACAAAGCATTTCACCTAA--CTGT-ATCTTTCTCGCTAACTTTG 40407
 MediumGroundFinch TAAAAA-----TAAAAAAGTGGTGGCAA--CATTTTCACCTAA--CTGT-ATCTTTCTTGCTAACTCTG 28302
 GoodesThornscrubTortoise@CAAAA-----ATA--TTTTTCACCTAATACTGTTATCTTTCTTGCTAACTCTA 79383

Majority A---AATCTAAAGGGT---ATTTAGTTTTGCATTTTTACTGTCCTTT-ACATTTATTTTGATGGCTGTGAAAGCTGGTA
 85530 85540 85550 85560 85570 85580 85590 85600
 Human ATTTATTGCTAAGTTATTTTCTTTAGTTGTACATTTTA--TGTCTGGTATATTTTATTTTGAATGCTATGAAAGCTGGTA 84557
 Kakapo A---AATCTCCAGGGT---GATTTAGTTTTGCATTTTGACTGTCCTTTTACATTTCTTTTGATGGCTGTGAAAGCTGGTA 44503
 GoldenEagle A---AATCTAAAGGGT---GTTTAGTTTTGCATTTTTACTGTCCTTT-ACATTTATTTTGATGGCTGTGAAAGCTGGTA 54778
 JapaneseQuail A---AATCTAAAGGAGTTT-GTTTAGTTATGCATCTTTACCGTCTTT-ACATTTATTTTGATGGCTGTGAAAGCTGGTA 40482
 MediumGroundFinch A---AATCTAAAGGGATTA-ATTTAGTTTTGCATTTTTACTGTCCTTT-ACATTTATTTTGATGGCTGTGAAAGCTGGTA 28377
 GoodesThornscrubTortoise@A---AATCTAAGGGT---ATTTAGTT-TGCATTTTTACTGTTTGTACAATTTTTTTAATTGATGTGAAAGCTGGTA 79458

Majority TGAAATGTGGGAAGTTG---TATCAGTCTAG-----CT-----GTTCCATTTTTAACTGGCCTCTGTCACT
 85610 85620 85630 85640 85650 85660 85670 85680
 Human TGAAATGTGGGAAGCTCAGTGTATCAGTTTATGATGTCTAATTTGAATATTTGTTTCATTTTTAATTGGCCTCTGTAAAT 84637
 Kakapo TGAAATGTGGGAAGTTG---TATCAGTCTAG-----CT-----GTTCCATTTTTAACTGGCCTCTGTCACT 44562
 GoldenEagle TGAAATGTGGGAAGTTG---TATCAGTCTAG-----CT-----GTTCCATTTTTAACTGGCCTCTGTCACT 54837
 JapaneseQuail TGAAATGTGGGAAGTTG---TTTCAGTCTAG-----CT-----GTTCCATTTTTAACTGGCCTCTGTCACT 40541
 MediumGroundFinch TGAAATGTGGGAAGTTG---TATCAGTCTAG-----CT-----GTTCCATTTTTAACTGGCCTCTGTCACT 28436
 GoodesThornscrubTortoise@TGAAATGTGGGAAGTTGATGTATCAGTTTGT----CTAGTTGGAATACTGTTTCATTTTTAACTGGCCTCTGTAAAT 79533

Majority GTAAATCATTAAGCTTTTTTATCATCTGGTACTATTTTGTCCATCCACAGTCTTGCAATGTTAAAATGTTTTAGATCAGAG
 85690 85700 85710 85720 85730 85740 85750 85760
 Human ATGAA-CATTAGCTTATTTTATCCATTTAATACTATT--ATCATTACAGTCTTGCAATGCTAAAATGTTT-GAATCAGAG 84713
 Kakapo GTAAATCATGAAGTTTTTTTTATCATCTGGTGTACTATTTTGTCCATCC--GTCTTGCAATGTTAAAATGTTTTGGTCAGAG 44640
 GoldenEagle GTAAATCATTAAGCTTTTTTGTCCATCCACAGTCTTGCAATGTTAAAATGTTTTAGATCAGAG 54917
 JapaneseQuail ATAAATCATTAAGCTTATTTTATCATCTGGTACTATTTTGTCCATCCACAGTCTTGCAATGCTAAAATGTTTTAGATCAGAG 40621
 MediumGroundFinch GTAAATCATTAAGCTTTTTTATCATCTAGTACTATTTTGTCCATCCACAGTCTTGCAATGTTAAAATGTTTCAGATCAGAG 28516
 GoodesThornscrubTortoise@ATGATTCATTAAGCTTATTTATCATTTTGTACTATTTTCTCATTCACAGTCTTGCAATGTTAAAATGTTT-GGATCAGAG 79612

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Majority	TGCCATT-----TTGAAAGATTTTTGCCTGCATTTTCATAACCAGCCATGCTTATGCAGTTAAAGTTCAAATTTTAAA	
	85770 85780 85790 85800 85810 85820 85830 85840	
Human	TGCCTTTGTTTTATTTTAAGAC-TTTTGCCTGCATTTTCATAACCAGCCATGCTTATGCAGTTAAAGTTCAAAGTTTAAA	84792
Kakapo	TGCCGTT-----TGAAAGAGGTTTTGCCTGCATTTTCATAGCCAGCCATGCTTACGCAGTTCAAGTTCCAAGTTGAAA	44713
GoldenEagle	TGCCATT-----TTGAAAGATTTTTGCCTGCATTTTCATAACCAGCCATGCTTATGCAGTTAAAGTTCAAATTTTAAA	54990
JapaneseQuail	TGCCATT-----TGAAAGGTTTTGTGCCTGCATTTTCATAACCAGCCATGCTTACGCAGTTGAAGTTTAAATTTCAA	40694
MediumGroundFinch	TGCCATT-----TTGAAAGATTTTTGCCTGCATTTTCATAACCAGCCATGCTTACGCAGTTAAAGTTTAAATTTTAAA	28589
GoodesThornscrubTortoise	TGCCATT-----TTGAAAGAT-TTTTGCCTGCATTTTCATAACCAGCCATGCTTATGCAGTTAAAGTTCAAAGTTTAAA	79684

Majority	ATTTCTATTGCATGCTTTTTTTA-TTTATTTTCATGTTGAGATGAAATGCTGTAGTTTACTCTT-GATATGAATGTACTT	
	85850 85860 85870 85880 85890 85900 85910 85920	
Human	ATTCCTAT-GCATGCTT--T-----CCTTCCCTATGTTGAGATGAAATGCTGTAATTTACTCTTTGATATAGATGTACTT	84864
Kakapo	AGTTCTATTGCATGCTCTTTTTTA-TTTATTTTCATGTTGAGATGAAATGCTGTAGTTGACTCTT-GATATGAATGTACTT	44791
GoldenEagle	ATTTCTATTGCATGCTTTTTTTA-TTTATCTTCATGTTGAGATGAAATGCTGTAGTTTACTCTT-GATATGAATGTACTT	55068
JapaneseQuail	ATTTCTATTGCATGCT-TTTTTA-TTTATTTTCGTTGAGATGAAATGCTGTAGTTTACTCTC-GATATGAATGTACTT	40771
MediumGroundFinch	ATTTCTATTGCATGCTTTTTTTAATTTATTTTCATGTTGAGATGAAATGCTGTAGTTTACTCTT-GATATGAATGTACTT	28668
GoodesThornscrubTortoise	ATTTCTATTGCATGCT-----TTTTTTTCATGTTGAGATGAAATGCTGTAATTTATTCTTTGATATGGATGTACTT	79755

Majority	TACCCATATTTGTCTTGGGTGACTACATTTTACTCAGTTTTT--CTTGTACAGTACATAAACCAACCATTTTCTGACCAA	
	85930 85940 85950 85960 85970 85980 85990 86000	
Human	TACCCATATTTGTCTTGGATGACTACATTTTACTCAGTTTTT--CTTGTACAGTACATAAACCAACCATTTTCTGACCAA	84942
Kakapo	TACCCATATTTGTCTTGGGTGACTACATTTTACTCAGTTTTT--CTTGTACAGTACATAAACCAACCATTTTCTGACCAA	44869
GoldenEagle	TACCCATATTTGTCTTGGGTGACTACATTTTACTCAGTTTTT--CTTGTACAGTACATAAACCAACCATTTTCTGACCAA	55146
JapaneseQuail	TACCCATATTTGTCTTGGGTGACTACATTTTACTCAGTTTTT--CTTGTACAGTACATAAACCAACCATTTTCTGACCAA	40849
MediumGroundFinch	TACCCATATTTGTCTTGGGTGACTACATTTTACTCAGTTTTT--CTCGTACAGTACATAAACCAACCATTTTCTGACCAA	28746
GoodesThornscrubTortoise	TACCCATATTTGTCTTGGGTGACTACATTTTACTCAGTTTTTTTCTTGTACAGTACATAAACCAACCATTTTCTGACCAA	79835

Majority	ATTCCTGCATTTCCCTATGTACTGACCTATATTTATTTTTTTTTTGTTCCTTATTTTCTTCTGCAT	
	86010 86020 86030 86040 86050 86060 86070 86080	
Human	ATTCCTGCATTTCCCTATGTACTGACCTATATTTATTTTGTTTTTGTTCCTTATTTTCTTCTGCAT	85019
Kakapo	ATTCCTGCATTTCCCTATGTACTGACCTATATTTATTTTGTTTTTGTTCCTTATTTTCTTCTGCAT	44947
GoldenEagle	ATTCCTGCATTTCCCTATGTACTGACCTATATTTATTTTTTTTT--GTTCCCTTATTTTCTTCTGCAT	55224
JapaneseQuail	ATTCCTGCATTTCCCTATGTACTGACCTATATTTATTTTTTTTT--GTTCCCTTATTTTCTTCTGCAT	40923
MediumGroundFinch	ATTCCTACATTTCCCTATGTACTGACCTATATTTATTTTTTTTTGTTCCTTATTTTCTTCTGCAT	28825
GoodesThornscrubTortoise	ATTCCTGCATTTCCCTATGTACTGACCTATATTTATTTTTTTTT--GTTCCCTTATTTTCTTCTGCAT	79905

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Majority	TGCTGTATTCCTTCCCCATTTTCATCCTTTTCCCTTTGTGTTCAACTTCCCTTT-CCTTGTCTTTACCCAAATCCCATG	
	86090 86100 86110 86120 86130 86140 86150 86160	
Human	TGCTGT-TTCCCTTCCCCATTTTCATCCTTTTCCCTGTGTTTCACTTCCCTTT-CCTTGTCTTTCCCAAATGCCATT	85097
Kakapo	TGCTGTATCCCCTTCCCCATTTTCATCCTTTTCCCTTTGTGTTCAACTTCCCTTTTCCCTTGTCTTTCCCCAACTCCCATC	45027
GoldenEagle	TGCTGTATTCCTTCCCCATTTTCATCCTTTTCCCTTTGTGTTCAACTTCCCTCT-CCTTGTCTTTACCCAAATCCCATG	55303
JapaneseQuail	TGCTGTTTCCCCCTCCCCATTTTCATCTTTTCCCTTTGTGTTCAACTTCCCTTT-CCTTGTCTTGACCCAAATTCCCGTG	41002
MediumGroundFinch	TGCTGTATTCCTTCCCCATTTTCATCCTTTTCCCTGTGTTTCAACTTCCCTCT-CCTTGTCTTTACCCAAATTCCCGTG	28904
GoodesThornscrubTortoise	TGCTGT-TTCCCTTCCCCATTTTCATCCTTCTCCTTTTGTGTTTCACTTCCCTTT-CCTTGTCTTTCCCTCAAATTCCCATG	79983

Majority	CCCTTCCCTGTCTTACCCTTT--TCTCCTTGCTTT-GTCTGCGTTCCTGTCTTTCATTCCCTATGTTTCATGCTTCTGTG	
	86170 86180 86190 86200 86210 86220 86230 86240	
Human	CCCTTCCCTGTCTTACCCTTTATTTTCCCTTGCTCTT-GTCTTTCATTCCCTGTCTTCCATTCCCTATGTTTCATGCTTCTGTG	85176
Kakapo	CCCTTCCCTGTCTTACCCTT---CTCCTCGCTTTTGTCTCCATTCCCTGTCTTTCATTCCCTATGTTTCATGCTTCTGTG	45103
GoldenEagle	CCCTTCCCTGTCTTACCCTT---CTCCTCGCTTTT-GTCTGTGTTCCCTGTCTTTCATTCCCTATGTTTCATGCTTCTGTG	55378
JapaneseQuail	CCCTTCCCGTTTTTACCCTTT--TCTCCTCGCTTTT-GTCTGTGTTCCCTGTCTTTCATTCCCTATGTTTCATGCTTCTGTG	41079
MediumGroundFinch	CCCTTCCCTGTCTTACCCTT---CTCCTTGCTTTT-GTCTACGTTCCTGTCTTCCATTCCCGATGTTTCATGCTTCTGTG	28979
GoodesThornscrubTortoise	CCCTCCCTGTCTTACCCTTTATTTTCCCTTATCCTT-GTCTACGTTCCTGTCTTCCATTCCCTGTGTTTCATGCTTCTGTG	80062

Majority	CTTGAACAAAATGT--TCCTCGGACCAACTTGCCCCAATTAACCGCCTTGAAACCATGATCCATGACCACCTCACCATTC	
	86250 86260 86270 86280 86290 86300 86310 86320	
Human	CTTGAACAAA-TGT--TCCTCGGACCAACTTGCCCCAATTAACCGCCTTGAA-CCATGATCCATGACCACCTCACCATTC	85252
Kakapo	CTTGAACAAAATGT--TCCTCGGACCAACTTGCCCCAATTAACCGCCTTGAAACCATGATCCATGACCACCTCACCATTC	45181
GoldenEagle	CTTGAACAAAATGT--TCCTCGGACCAACTTGCCCCAATTAACCGCCTTGAAACCATGATCCATGACCACCTCACCATTC	55456
JapaneseQuail	CTTGAACAAAATGT--TCCTCGGACCAACTTGCCCCAATTAACCGCCTTGAAACCATGATCCATGACCACCTCACCATTC	41157
MediumGroundFinch	CTTGAACAAAATGT--TCCTCGGACCAACTTGCCCCAATTAACCGCCTTGAAACCATGATCCATGACCACCTCACCATTC	29057
GoodesThornscrubTortoise	CTTGAACAAAATGTGTTCCCTCGGACCAACTTGCCCCAATTAACCGCCTTGAA-CCATGATCCATGACCACCTCACCATTC	80141

Majority	TGCGGGAACCACCCTTCGTTATGGATGATCTGTTCATCTCCGCTCTTCTCGACTCTTCTCTCTTCTTGTCTTACGCTGC	
	86330 86340 86350 86360 86370 86380 86390 86400	
Human	TGCGGGAACCACCCTTCGTTATGGATGATCTGTTCATCTCCGCTCTTCTCGACTCTTCTCTCTTCTTGTCTTACGCTGC	85332
Kakapo	TGCGGGAACCACCCTTCGTTATGGATGATCTGTTCATCTCCGCTCTTCTCGACTCTTCTCTCTTCTTGTCTTACGCTGC	45261
GoldenEagle	TGCGGGAACCACCCTTCGTTATGGATGATCTGTTCATCTCCGCTCTTCTCGACTCTTCTCTCTTCTTGTCTTACGCTGC	55536
JapaneseQuail	TGCGGGAACCACCCTTCGTTATGGATGATCTGTTCATCTCCGCTCTTCTCGACTCTTCTCTCTTCTTGTCTTACGCTGC	41237
MediumGroundFinch	TGCGGGAACCACCCTTCGTTATGGATGATCTGTTCATCTCCGCTCTTCTCGACTCTTCTCTCTTCTTGTCTTACGCTGC	29137
GoodesThornscrubTortoise	TGCGGGAACCACCCTTCGTTATGGATGATCTGTTCATCTCCGCTCTTCTCGACTCTTCTCTCTTCTTGTCTTATGCTGC	80221

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Majority      TTGCTCTTCTCCTTCTAAAGATGGTTACGCCCCAAAGTCTGTTTACCCTCTTCGGTATGTTATTGTTAGCACTATACT
              86410      86420      86430      86440      86450      86460      86470      86480
Human         TTGCTCTTCTCCTTCTAAAGATGGTTACGCCCCAAAGTCTGTTTACCCTCTTCGGTATGTTATTGTTAGCACTATACT 85412
Kakapo        TTGCTCTTCTCCTTCTAAAGATGGTTACGCCCCAAAGTCTGTTTACCCTCTTCGGTATGTTATTGTTAGCACTATACT 45341
GoldenEagle   TTGCTCTTCTCCTTCTAAAGATGGTTACGCCCCAAAGTCTGTTTACCCTCTTCGGTATGTTATTGTTAGCACTATACT 55616
JapaneseQuail TTGCTCTTCTCCTTCTAAAGATGGTTACGCCCCAAAGTCTGTTTACCCTCTTCGGTATGTTATTGTTAGCACTATACT 41317
MediumGroundFinch TTGCTCTTCTCCTTCTAAAGATGGTTACGCCCCAAAGTCTGTTTACCCTCTTCGGTATGTTATTGTTAGCACTATACT 29217
GoodesThornscrubTortoise TTGCTCTTCTCCTTCTAAAGATGGTTACGCCCCAAAGTCTGTTTACCCTCTTCGGTATGTTATTGTTAGCACTATACT 80301
    
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Majority      TTTATTATTGATTGATTTTTTTTTTTT-T--TTTGTGTTGTTTTTTT-TTTTT--TTTGTTCACCTTAATTCTTATTTGTA
              86490      86500      86510      86520      86530      86540      86550      86560
Human         TTTATTATTGATTGATTTTT-----TGTTTCACCTTAATTCTTATTTGTA 85457
Kakapo        TTTATTATTGGTTGATTTTTGGTTTCTGTTGGTTGGTTTTCTATTTTTTTTTTTTTCACCTTAATTCTTATTTGTA 45421
GoldenEagle   TTTATTATTGATTGATTTGTTTTATTTTTTTTTTTTGTGTTTTT-TTTTTGTGTTGTTTCACATTAATTCTTATTTGTA 55695
JapaneseQuail TTTATTATTGATTGATTTTTGTCTGT--TTTGGTTTTTTGTTGGTTTTGTTTTGTTTCACCTTAATTTTTATTTGTA 41395
MediumGroundFinch TTTATTATTGATTGGTTTTGTTTTATGGTTTTGTTGGTTGGT-TTTTT--TTGTTTCACCTTAATTCTTATTTGTA 29293
GoodesThornscrubTortoise TTTATTATTGATTTAATTTTT-----TGTTTCACCTTAATTCTTATTTGTA 80346
    
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Majority      GCTAGCACTTT-GGCTTAAAGTTGAATAGTAAATCTTTTG-CTATTTTCTTTTGCTGTTTAAAA-CTCTCCATAGA-CA
              86570      86580      86590      86600      86610      86620      86630      86640
Human         GCTAGCACTTT-GGCTTAAAGTTGAATAGTAAATCTTTTG-CTATTTTCTTTT-GCTATTTAAAA-CTCTCCATAGA-CA 85532
Kakapo        GCTAGCACTTT-GGCTTAAAGTTGAATAGTAAATCTTTTGCTATTTTCTTTTGCTGTTGAAAA-CTCTCCATAGAACA 45499
GoldenEagle   GCTAGCACTTC-AGCTTAAAGTTGAATAGTAAATCTTTTG-CTATTTTCTTTTGCTGTTTAAAA-CTCTCCATAGA-CA 55771
JapaneseQuail GCTAGCACTTT-GGCTTAAAATTGAGTAGTAAATCTTTTG-CTGTTTTCTTTTGCTGTTTAAAA-CTCTCCATAGA-CA 41471
MediumGroundFinch GCTAGCACTTT-GGCTTAAAGTTGAATAGTAAATCTTTTG-CTATTTTCTTTTGCTGTTTAAAT-CTCTCCATAGA-CA 29369
GoodesThornscrubTortoise GCTAGCACTTTTGGCTTAAAGTTGAATAGTAAATCTTTTG-CTATTTTCTTTTGCTGTTTAAAAACTCTCCATAGA-CA 80424
    
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Majority      CAGATT-----TTCTTTTAATGCATGCTAATATATTTTGCATGGTCTTTAATTTAATAT-CATTCACAT
              86650      86660      86670      86680      86690      86700      86710      86720
Human         CAAAAT-----TTGTTTTAATGCATGCTAATTTATTTTGCATGGTCTTTAATTTAATAT-CATTCACAT 85595
Kakapo        CAGATTGATTGATTTATTTATTTTCTTTTAATGCATGCTAATATATTTTGCATGGTCTTTAATTTAATAT-CATTCGCAT 45578
GoldenEagle   CAGATT-----TTCTTTTAATGCATGCTAATATATTTTGCATGGTCTTTAATTTAATATTCATTCACAT 55835
JapaneseQuail CAGATT-----TTCTTTTAATGCATGCTAATATATTTTGCATGGTCTTTAATTTAATAT-CATTCGCAT 41534
MediumGroundFinch CAGATT-----TTCTTTTAATGCATGCTAATATATTTTGCATGGTCTTTAATTTTATAT-CATTCACAT 29432
GoodesThornscrubTortoise CAAGAT-----T-----TTCTTTTAATGCATGCTAATATATTTTGCATGGTCTTTAATTTAATAT-CATTCACAT 80488
    
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Majority	AGCTTT-GAGGGTTTATCAGAAATT-ATTCTTTTCAA	ATTCTTTTCAA	AATTCAC	TATTCA	-AAATCTTTATCTCCTTTATTCATTTGTGA			
	86730	86740	86750	86760	86770	86780	86790	86800
Human	AGCTTT-GAGGGTTTATCAAAAATT-ATTCTTTTCAA	AAAATTCACTG	TTCA	-AAATCTTGATCTTCTTTATTCATTTGTGA	85672			
Kakapo	AGCTTT-GAGGGTTTATCAGAAATG-ATTCTTTTCAA	AAGTCACTATTCAGAAATCTTTATCTCCTTTATTCATTTGTGA	45656					
GoldenEagle	AGCTTT-GAGGGTTTATCAGAAATT-ATTCTTTTCAA	AATTCAC	TATTCA	-AAATCTTTATCTCCTTTATTCATTTGTGA	55912			
JapaneseQuail	AGCTTT-GAGGGATTATCAGAA----ATTCTTTTCAA	-CTCACTATTC	-AAATCTTTATCTCCTTTATTCATTTGTGA	41607				
MediumGroundFinch	AGCTTT-GAGGGTTTATCAGAAATT-ATTCTTTTCAA	AATTCAC	TATTCA	-AAATCTTTATCTCCTTTATTCATTTGTGA	29509			
GoodesThornscrubTortoise	AGCTTTGAGGGTTTATCAAAAATTTATTCTTTTCAA	AATTCAC	TATTCA	-AAATCTTGATCTTCTTTATTCATTTGTGT	80567			

Majority	GAGTGTGAGTTTGAGTGAGTGATCTTGTGCTGTCT	GAATGTTCCATTGATATGTCA	-AAATGTATTACTTAGGTGACT					
	86810	86820	86830	86840	86850	86860	86870	86880
Human	GAATGATGAGATTGAG---TGATCATGTTGATGTCT	GAATGTTTCATTGATATGTCAGAAAGATAATCTTTAGGTGACT	85748					
Kakapo	GAGCGTTGAGTTTGAGCGAGTGATCTCGTTGCTGT	CTGAATGTTCCATTGATATGTCA-AAATGTATTACTTAGGTGACT	45735					
GoldenEagle	GAATGTTGAGTTTGAGTGCCTGATCTTGTGCTGT	CTGAATGTTCCATTGATATGTCA-AAATGTATTACTTAGGTGACT	55991					
JapaneseQuail	GAGTGTTAAGTTGGAGCGAGTGATCTTGTGCTGT	CTGAGTGTCCATTGGTATGTGA-AAATATGTA	CTTAGCTGACT	41686				
MediumGroundFinch	GTGTGTTGAGTTTGAGTGAGTGATCTTGTGCTGT	CTGAATGTTCCATTGATATGTCA-AAATGTATTACTTAGGTGGCT	29588					
GoodesThornscrubTortoise	GAATGTTGAGTTTGAGTGGGTGATCTTGTGATGT	CTGAATGTTTCATTGATATGTCA-AGATGTGCTGTTTAGTTAATT	80646					

Majority	GGC-TTTAAATGAAC	TTTTCTTTGGGTTACCTTT	----GACTTTGAAAA	-GGTGTTTATGGTGATGTGCAGCGTGTG				
	86890	86900	86910	86920	86930	86940	86950	86960
Human	TCCACATAAAATTAATTCCA-TTTTGGATTACCTCT	CTGTGGCTCCAAAAAAGGTGTTTATGGAGATGTGCAGCGTGTG	85827					
Kakapo	GGC-TTTAAATGAAC	TTTTCTTTGGGTTACCTTT----GACTTTGAAAA	-GGTGTTTATGGTGATGTGCAGCGTGTG	45809				
GoldenEagle	GGC-TTTAAATGAAC	TTTTCTTTGGGTTACTTT----GAATTTGAAAA	-GGTGTTTATGGCGATGTGCAGCGTGTG	56064				
JapaneseQuail	GGC-TTTAAATAAACT	TTTTCTTTGGGTTACCTTT----GACTTTGAAAA	-GGTGTTTATGGTGATGTGCAGAGTGTG	41760				
MediumGroundFinch	GGC-TTTAAATGAAC	TTTTCTTTGGGTTACTTT----GACTTTGAAAA	-GGTGTTTATGGTGATGTGCAGCGTGTG	29661				
GoodesThornscrubTortoise	AGA-CTTAAATTAAT	TTTTCTTTGGGTTACTTT--GACTCCAAAAAAGGTGTTTATGGGGATGTGCAGCGTGTG	80722					

Majority	AAGATTTTATACAATAAGAAAGACAGTGCTCTTATA	CAGATGGCTGATGGA	AACCAGTCACAGCTGGGTAAGATTAGTTT					
	86970	86980	86990	87000	87010	87020	87030	87040
Human	AAGATTTTATACAATAAGAAAGACAGCGCTCTAATA	CAGATGGCTGATGGA	AACCAATCACA	ACTTGGTAAGATTAACT	85907			
Kakapo	AAGATTTTATACAATAAGAAAGATAGTGCTCTTATA	CAGATGGCTGATGGA	AACCAGTCACAGCTGGGTAAGATTAGTTT	45889				
GoldenEagle	AAGATTTTATACAATAAGAAAGACAGTGCTCTTATA	CAGATGGCTGATGGA	AACCAGTCACAGCTGGGTAAGATTACTTT	56144				
JapaneseQuail	AAGATTTTATACAATAAGAAAGACAGTGCTCTTATA	CAGATGGCTGATGGA	AACCAGTCACAGCTGGGTAAGATCAGATT	41840				
MediumGroundFinch	AAGATTTTATACAATAAGAAAGATAGTGCTCTTATA	CAGATGGCTGATGGA	AACCAGTCACAGCTGGGTAAGATGAGTTT	29741				
GoodesThornscrubTortoise	AAGATTTTATACAATAAGAAAGACAGTGCTCTAATA	CAGATGGCAGATGGGA	AACCAGTCACAGCTGGGTAAGATTAGATT	80802				

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Majority      TCTTTTAT-----ATTCCATTAGT---CT-AAGTACTTGAAAATTATGC-TGTGTAAAA-----TCAGGTGA
              87050      87060      87070      87080      87090      87100      87110      87120
Human         ATGTTTATCTATACATCTTCACTTCTGCTTTCAAATGCATAATGTGAATGTGCGAATAAAAAATAAACTCCTTTACATCA 85987
Kakapo        TCCATTTCT-----ATTCCCGTTAGT---CTTAAGTGCCTTGAAATGAACAC-TGTGTAAAA-----TGAGGTGA 45949
GoldenEagle   TCTGTTTGT-----ATTCCATTAGT---CT-AAGTACTTG-AAATCATGC-TGTGTAAAA-----TCAGGTGA 56202
JapaneseQuail TCTATTTAT-----ATTTGCA-----AAAAATTAAGC-TGTGTAAAA-----TTAGGTGA 41884
MediumGroundFinch TCTGCTTAT-----ATTCCTATTAGT---CT-AAGTACTTGAAATTAGGC-TGTGTAAAG-----TCAGGTGA 29800
GoodesThornscrubTortoise CATTTATGCCT---CATTTAAATCTGTAAATTTAAGTATTTG-AAATCATGT-TGTGGAAAT-----TCAAATGA 80867
    
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Majority      AC-TGAACATGTTT-----ACATTTGTT--AGTTTGTCTTGTATCCTGG-TTATCCACAAGATCCAAAATCTTATTG
              87130      87140      87150      87160      87170      87180      87190      87200
Human         GTAAGAAATTAATTTAATGGCCAGGGCTCAAAATGTCATTTTAATGTGAATAGTTGTATGTGACGAACATATTTGTATTT 86067
Kakapo        AC-TGAGCATGTTT-----ACATTTGTC--AGTTTGTCTTGTATCCTGG-TTATCCCCAAAATCCAGAGTCTTACTG 46017
GoldenEagle   AC-TAAGCATGTTT-----ACATTTGTC--AGTTTGTCTTGTATCCTGG-TTACCCTCAAGATCCAAAATCTTACTG 56270
JapaneseQuail AC-TAAAGATGTTT-----ACATTTGAA--AGT---TCTTGTGTGCTAG-TTACCAACAAGATCTGAAATCATATTT 41949
MediumGroundFinch AC-TAAATATGTTT-----ATATTTGTT--AGTCTGTCTCTTATCTTGG-TTATCCACCAGATCCAAAATTTT-TTG 29867
GoodesThornscrubTortoise ACATGTTTCATATTTGTCAGTCTACTGTTATTCTAGTTTTTCTCAGATCCCAGACTGTCCATGAGACATGAAAACCTATTA 80947
    
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Majority      C-----ATGCACTT---GTATTCCAGAAGGTCTGCAC-----AGTAGTCTAAA-
              87210      87220      87230      87240      87250      87260      87270      87280
Human         TTCTGCTATCCTCCTACTGTTTTTCA-AATGCACTCATAATAGGAAGAGATTTTAGCTTCAAAATTGTAATAATAGTTTC 86146
Kakapo        C-----ATGCACTT---GTATTCCAGAAGGTCTGCAC-----AATAGCCTAAA- 46057
GoldenEagle   C-----ATGTACTT---GTATTCCAGAAGGTCTGCAC-----AGTATCCTAAA- 56310
JapaneseQuail C-----ATCCACAT---GTATTCCA-AAAGTCTG-----GCGGTGTAGG- 41984
MediumGroundFinch C-----ATGCACTT---GTGTTCCATAAGGTCTGCACCTAAATG-----AACACCCTAAA- 29914
GoodesThornscrubTortoise ATCA---ACCCATTTT--GTATTCTAAAAAGAAATGTGTGTATGTGCTGCTGTATGTGAACAGAATAATAGTGGTGTGGA 81022
    
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Majority      -----TGAATTCA--ACAGTTG-----AAT-----GATGGTCTCTAATTG-
              87290      87300      87310      87320      87330      87340      87350      87360
Human         ACATGAGAATTATATCATTATATTGAAGATTCATAGTGATTTTTATTCTAGGTACTCCTTGTTAATAGAGGCTAACTGT 86226
Kakapo        -----TGAATTCA--ACAGCTT-----AATCGCATGTGATGGTCTTTAAGTA- 46097
GoldenEagle   -----TGAATTCA--ACAGCTG-----AAT-----CACA---TGTGATGG- 56340
JapaneseQuail -----ATAACTCA--GAAGTTG-----AAA-----CTAACT-- 42008
MediumGroundFinch -----TGAATTCA--ACAGCTG-----AAT-----GATGATCCCTGAATA- 29947
GoodesThornscrubTortoise GAGAAAGAGGTGTTAATTTATTTTTTGAACTAA--ACATTTGCTCCAAATCTAATTTAACCCATGGACATCAATTTG 81100
    
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Majority      -----ATATTA-----AATACTCATGAAG-----ATTCTGCA-----GA
              87370      87380      87390      87400      87410      87420      87430      87440
Human         TCATACAGTCCATAGAATCCTTCTTAATGCCATGTTATTTAATCTTCTAAAGTCTTGCGATACCAGGTTCTTAGAAAA 86306
Kakapo        -----AAATGA-----AATATTCATGCAG-----ATTCTGCA-----GA 46126
GoldenEagle   -----TCTTTA-----AATACTCATGCAG-----ATTCTGCA-----GA 56369
JapaneseQuail -----TTCTA-----AATACTCACGT-----ATTCTGCA-----GA 42034
MediumGroundFinch -----AAATTA-----AATATTGACAAAG-----AGTCTGCA-----GA 29976
GoodesThornscrubTortoiseATA-----CTACACTGGCCATATCAGCACAAT-----AGCACACACAAAA-----ATACCACAATTAATCAGA 81159
    
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Majority      CCTAGTTCTTGATTC-----C-----AGTCTTTTAGCACGCT-----
              87450      87460      87470      87480      87490      87500      87510      87520
Human         TGAAAAGCTTGTGCTAAAAACACTGTTGTTAATCCCTTTGGGAATCTTAAAAGGCACCTTAGTCAGGTTACACTTTATAT 86386
Kakapo        GCTGGAA-TCGATTC-----C-----TGCCTTTTAGCTCATT----- 46157
GoldenEagle   CCTAGTTCTTGATTC-----C-----AGTCTTTTAGCACGTT----- 56401
JapaneseQuail CCTAGTTTTTGCTT-----AGTCTTCTAGCACACC----- 42064
MediumGroundFinch CCTAATCTTGATTC-----T-----AGTCCTTTAGCACACT----- 30008
GoodesThornscrubTortoiseAAAAAGTTTGATCA-----TAATACTATGTAGTGGTGTATATGTTGGTTAGTGCATGGTGTGCTTTTTTCACCTGGA 81232
    
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Majority      -----GACCCTTTGATT-----TGTTTGGGTGTTTGTCTTGTTTG---CATGT-----
              87530      87540      87550      87560      87570      87580      87590      87600
Human         CATTACTTAAATAAGTAATTGATTATTTAATTAACCTT-ATGTCGTTTGACTTCATACATCCTCGAATACATAAAATCTA 86465
Kakapo        -----GACCCTTTGATT-----TGCTTGGGTGGTGGTCTCGGTTG---CTTGG----- 46197
GoldenEagle   -----GACCCTTTGATT-----TGCTTGGGTGTTTTTCTTGTTCG---CTTGT----- 56441
JapaneseQuail -----AACTATTCGATT-----TTTCT---TGTTTGAAGGGCT-----GTGT----- 42098
MediumGroundFinch -----GACCCATTGATT-----TGCTTGAGTGCTTTTCTTCTTTG---CATGT----- 30048
GoodesThornscrubTortoiseATAAAATTATTTGACCATTCAAATAACAGAATAAAATAGGATTGTGTTTGCATGTTTGTTTTACTGAATACATGACTAAA 81312
    
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Majority      ----GCGA-TGTA-----TCACAAGCTG-----
              87610      87620      87630      87640      87650      87660      87670      87680
Human         GAACACACCTGCACATTACACCAGTGATTGACTGTAAATGCCAGGATGTTCTTACATTTCTGTTTCATTGAGATTTCAGGG 86545
Kakapo        ----GCGA-GGTA-----CCACAAGCTG----- 46215
GoldenEagle   ----GTGA-TGTA-----TCACAAGCTA----- 56459
JapaneseQuail ----ACAG-TGTA-----TCACATGCTG----- 42116
MediumGroundFinch ----GTGA-TGTA-----CCACAAGCTA----- 30066
GoodesThornscrubTortoiseATATAGCAG-TGCAGTTTTGAAAAATTTACAACAACTTTGAAATGGAATTATTTTTCGCAATGTTGGCTAAAATCAGTG 81391
    
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Majority      -----TTGAAAAGT----AATACTGAATTGAGTAAAC-T-TTGTCT
              |-----|-----|-----|-----|-----|-----|-----|
              87690      87700      87710      87720      87730      87740      87750      87760
Human          ATAATGGTGCCTCAGACTGATTGTATTACATTGTTAATTTGTAAATTTGCCATTTTGTATGTAAGGACGAGTGTATTTT 86625
Kakapo         -----TTGTAAAAGT----CACACTGAACTGAGTAAAC---CTGTCT 46249
GoldenEagle   -----TTGAAAATT----AACACTGAATTGAGTAAACTTCCTGTCT 56496
JapaneseQuail -----CTGAAAAGT----AATACTACATTGAG-AAACCTGTTGTCT 42152
MediumGroundFinch -----TTGAAAAGT----AGCACTCAATTGAGTAAAC---CTGTCT 30100
GoodesThornscrubTortoise ATTTAATGAGAAAGTATATGCCATCCTTGAATGTT--TTGAAATGT---AGTATTGAATTTAATAAAC---TTGTCT 81461

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Majority      TTTTCAGCCATGAGCCATCT----TAATGGACAAAAAATGTATGGAAAGATTATTCCGGTTACCCT---TTCTAAACATC
              |-----|-----|-----|-----|-----|-----|-----|
              87770      87780      87790      87800      87810      87820      87830      87840
Human          TGCTCAGAGATGAACAACCTTGTATATTAGACCAATTTTGGCCTTTGACATCACATAGAAAATTTGAATTTCAAACACA 86705
Kakapo         TTTTCAGCCATGAGCCATCT----TAATGGACAAAAAATGTACGGCAAGATTATTCCGGTTACCCT---TTCTAAACATC 46322
GoldenEagle   TTTTCAGCCATGAGCCATCT----TAATGGACAAAAAATGTATGGAAAGATTATTCCGGTTACCCT---TTCTAAACATC 56569
JapaneseQuail CTTTTCAGCTATGAGCCATCT----TAATGGACAGAAAATGTATGGGAAGATAATCCGTGTTACCCT---TTCTAAACATC 42225
MediumGroundFinch TTTTCAGCCATGAGCCATCT----TAATGGACAAAAAATGTATGGAAAGATCATTCCGGTTACCCT---TTCTAAACATC 30173
GoodesThornscrubTortoise TTTTCAGCCATGAGTCATCT----TAATGGACAAAAAATGTATGGAAAGATTATTCCGAGTTACCCT---TTCCAAGCATC 81534

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Majority      AGACAG-----TACAACCTACCTCGAGAGGGACTTGATGACCAAGGGCTGACTAAAGATT-----TTGGTAATTC
              |-----|-----|-----|-----|-----|-----|-----|
              87850      87860      87870      87880      87890      87900      87910      87920
Human          TAATAGGTTTGAATTTTAGTGTCTTGGCAATAGTCTTAGCAACTCAGATGAGGTATAAACTATCCATCTGGCTGTCC 86785
Kakapo         AGACAG-----TACAACCTACCTCGAGAGGGACTTGATGACCAAGGGCTGACAAAGGATT-----TTGGTAATTC 46386
GoldenEagle   AAACAG-----TACAACCTACCTCGAGAGGGACTTGATGACCAAGGGCTGACTAAGGATT-----TTGGCAATTC 56633
JapaneseQuail AGACAG-----TTCAACTACCTCGAGAGGGTCTCGATGATCAAGGGCTGACTAAAGATT-----TTGGTAATTC 42289
MediumGroundFinch AGACAG-----TACAACCTACCTCGAGAGGGACTGGATGACCAAGGGCTGACTAAAGATT-----TTGGTAATTC 30237
GoodesThornscrubTortoise AGACAG-----TACAGCTACCTCGAGAAGGACTTGATGACCAAGGGCTCACTAAAGATT-----TTGGTAATTC 81598

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Majority      ACCTTTGCATCG-----CTTCAAGAAAC-----CTGGTT----CAAAAAACTTCCAAAATATATTCC---
              |-----|-----|-----|-----|-----|-----|-----|
              87930      87940      87950      87960      87970      87980      87990      88000
Human          ATTTTAAATGGTGGTATGTGTTTTAAAGAGATACGAAAGTGCTGATTATGTCAAGATACTTAGTACATATTTTCTCT 86865
Kakapo         ACCTCTGCATCG-----CTTCAAGAAAC-----CTGGTT----CAAAAAACTTCCAAAATATATTCC--- 46439
GoldenEagle   ACCTTTGCATCG-----CTTCAAGAAAC-----CTGGTT----CAAAAAACTTCCAAAATATATTCC--- 56686
JapaneseQuail ACCTCTGCATCG-----TTTCAAGAAAC-----CTGGCT----CCAAAAACTTCCAGAATATCTTCC--- 42342
MediumGroundFinch ACCTTTGCACCG-----CTTCAAGAAAC-----CTGGTT----CCAAAAACTTCCAAAATATATTTC--- 30290
GoodesThornscrubTortoise ACCTTTGCATCG-----CTTCAAGAAAC-----CTGGCT----CAAAAAATTTTCAGAATATATTCC--- 81651

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Majority      --CTCCTTCGCAACT-----TCATC-----TGCCAATATCCGTAAGTGTGTCTGTCAG
                88010      88020      88030      88040      88050      88060      88070      88080
Human         TTCTCTGTGTGCACCTCTGTACTCTGGTTGGAATAGTCATTGCTGTTGTTTTTCATATATGTTGTAAGTAGCACTTAACAG 86945
Kakapo        --CTCCTTCGCAACT-----TCATC-----TGCCAATATCCGTAAGTGTGGCTCTCAG 46491
GoldenEagle   --CTCCTTCGCAACT-----TCATC-----TATCCAATATCCGTAAGTGTGGCTGTCAG 56738
JapaneseQuail --CTCCATCTGCAACGCT-----TCATC-----TATCCAATATCCGTAAGTCTGGTCTATTAG 42394
MediumGroundFinch --CTCCTTCGCAACCCT-----TCATC-----TGCCAATATCCGTAAGTGTTCATTGTCAG 30342
GoodesThornscrubTortoise --CTCCATCTGCAACT-----TCATT-----TGCCAATATCCGTAAGTATTGTATGACAG 81703
    
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Majority      TAAGCCA----GTAGTATTTAT--GTGAGTCATAACACACTG-AATTGACTAATAAATTTCTTG--CTTATGCTTTTTTT
                88090      88100      88110      88120      88130      88140      88150      88160
Human         TACTTCATAAATAGGAGTATTCTCAAATATGTCAATTTTTTCCCTAATGTTTGAGGTATGGGTGGCATTGTGTCATTTAA 87025
Kakapo        TCAGCCA----GTTGTGTTAAT--GTGAACCACAACACACCG-AACTGACTAAGAACTCTCTC--CTTATGCTCGTTTC 46561
GoldenEagle   TAAGCCA----GTAATGTTAAC--GTGAGTCACAACACACTG-AATTGACTAATAAATTTCTTG--CTTATGCTTATTTT 56808
JapaneseQuail GAAGCCT----GTAGTATTTTTT-GATACTCATAATACAGTG-AATTAGTTTG---TTTTCTA--ATTATGCTTGTC-- 42460
MediumGroundFinch CAATCTG----ATAATATTTAT--GTGAATCACAGCACACTG-AACTGACTAATGATTTCTTG--CTTATGCTGATTTT 30412
GoodesThornscrubTortoise GACGCCT----GCGGAATTCAC---AAGCCATAAAATACTA-GATCCACTAATAATTAATT---CTTATGTTTTTTTGT 81770
    
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Majority      -----CTTTCGTCTGTAGACCATCAGTAGCAGAAG-----AGGATCTACGCACATTGTTTGCTAACA
                88170      88180      88190      88200      88210      88220      88230      88240
Human         ATAAGGGATGCATAGTCTTTATGGTTGGTAATTACCTGTGGTAGAATTACCTCAGATCTCCAGATAGTTTTTGTTTTAT 87105
Kakapo        -----CTTTCGTCTGTAGACCCTCGGTAGCAGAAG-----AGGATCTACGCACATTGTTTGCTAACA 46619
GoldenEagle   -----CTTTCGTCTGTAGACCATCAGTAGCAGAAG-----AGGATCTACGCACATTGTTTGCTAACA 56866
JapaneseQuail -----TTTTGTCTGTAGACCATCAGTAGCAGAAG-----AGGATTTACGCACACTGTTTGCTAACA 42516
MediumGroundFinch -----CTTTCGTCTGTAGACCATCAGTAGCAGAAG-----AGGATCTACGCACATTGTTTGCTAACA 30470
GoodesThornscrubTortoise -----TTTTGTTTTTCTAGACCATCAGTGGCAGAAG-----ATGATCTGCGCACACTGTTTGCTAACA 81829
    
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Majority      CTGGAGGCACTGTGAA--AGCATTTAAATTTTTT-----CAGTAAGTAACTT---TTCTGTA-----CATAG
                88250      88260      88270      88280      88290      88300      88310      88320
Human         GTAAAGACTGTTTTATGTAATATTTTAAATTTTTTGCCATGCTCGTAGTCTGCTTGGGCTGCTGTAACCAAATACCATAG 87185
Kakapo        CTGGAGGCACTGTGAA--AGCGTTTTAAATCTTT-----CAGTAAGTAACTT---TCCTGTA-----CGTAG 46676
GoldenEagle   CTGGAGGCACTGTGAA--AGCATTTAAATTTTTT-----CAGTAAGTATCTT---TTCTGTA-----CATAG 56923
JapaneseQuail CTGGAGGCACTGTGAA--AGCATTTAAATTTTTT-----CAGTAAGTAAATTT---TTCTGTG-----CGTAG 42573
MediumGroundFinch CTGGAGGCACTGTGAA--AGCATTTAAATTTTTT-----CAGTAAGTACCTT---TTCTGCA-----CATAG 30527
GoodesThornscrubTortoise CTGGAGGCACTGTGAA--AGCATTTAAATTTTTT-----CAGTAAGCAAGTT---TTCCTTGA---ATCCTTATGT 81892
    
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Majority	CTTTAACAAA--AGACAGCCTAAGTGTGTTT-TTGCAGCGTGTCTTAAGAAAAAGTTCTT-----AGAA-----AATAG	
	88330 88340 88350 88360 88370 88380 88390 88400	
Human	ACTGAGTAGATGAAACAACAAAAATGTATTT-CTTCAAAGTTTGTGAGAAATAAACTTTGGGGTCTAGAAGTCCCAGATG	87264
Kakapo	CTCTACCAAA--AGACCATCTAAGCGTGTTT-TTGCAGCGTGCCTTAAGAAAAAG-----	46728
GoldenEagle	CTCTAACAAA--AGACTGCCTAAGTGCCTTT-TTGCAGCATGTCTTAAGGAAAAGTGCCT-----AGAG-----GATAG	56989
JapaneseQuail	TTTTAACAAA--AGACAGGATAATTGCATTTTTTTTCAGTGTGTCTTAAGGAAAAGTGTCTT-----AGAG-----TATAG	42640
MediumGroundFinch	CTCTAAAAAA--AAAGAG--T-----T---TTGCAGCTCATCTTAAGAAAAAGTATAT-----ATCA-----AATTG	30582
GoodesThornscrubTortoise	TTTTAACAAA--AGATTGACTTCATATGTTT-TAACAGAATGTCTTGAAAAAATACTCTTCTGTAGAGAA-----AAGAG	81964

Majority	CAATATTAGGAG-CAACTCCTGTAGTGTTCGAGTTCCCTAATGCCGTTATTTTGTTCAGAAGAGATCACAAGATGGCAC	
	88410 88420 88430 88440 88450 88460 88470 88480	
Human	AAACTGCTAGCAGATTGTTTCTGGTGAGGTCTCTCTTTGGCTTGCAGCCAACCATCTTCCCCCTGTGTCTCATGTGGCCT	87344
Kakapo	CAACATTAGGAG-AAGCTCCTGTTGTGTTTCGAGTTCCCTAATGCCGTTATTTTGTTCAGAAGAGATCACAAGATGGCAC	46807
GoldenEagle	AAAACATTAGGAG-CAACCCCTGTAGTGTTCGAGTTCCCTAATGCCATTATTTTGTTCAGAAGAGATCACAAGATGGCAC	57068
JapaneseQuail	CAATATTAGGAG-CAACTCTGTAGTGTTCAGTTCCCTAATGCCATTATTTTGTTCAGAAGAGATCACAAGATGGCAC	42719
MediumGroundFinch	CAACATTAGGAG-CAACCC-TGTAGTGTTCAGTTCCCTAATCCATTATTTTGTTCAGAAGAGATCACAAGATGGCAC	30660
GoodesThornscrubTortoise	AAGTTTTTAGGCC-CTTATTTAGTATTGGTTGAGTTCCCTAATGTTGTTGTTTGTTCAGAAGAGATCACAAGATGGCAC	82043

Majority	TTCTTCAGATGTCAACAGTAGAAGAAGCTATTCCAGGCTTTGA-----TTGATCTTCACAATTACAATCTTGGAGAAAAT	
	88490 88500 88510 88520 88530 88540 88550 88560	
Human	TTCCACTG-TGCAAGCACGTTAAGAGTCTCTTCCCCTTGTAAGGATCCTAGTCTGTGTAATCAGGGCTTACCCTTAAT	87423
Kakapo	TTCTTCAGATGTCAACAGTAGAAGAAGCTATTCAAGCTTTGA-----TTGATCTTCACAATTACAATCTGGGAGAAAAT	46881
GoldenEagle	TTCTTCAGATGTCAACAGTAGAAGAAGCTATTCCAGGCTTTGA-----TTGATCTTCACAATTACAATCTGGGAGAAAAT	57142
JapaneseQuail	TTCTTCAGATGTCAACAGTAGAAGAAGCTATTCCAGGCTTTGA-----TTGATCTTCACAATTACAATCTTGGAGAAAAT	42793
MediumGroundFinch	TTCTTCAGATGTCAACAGTAGAAGAAGCTATTCCAGGCTTTGA-----TTGATCTTCACAATTACAATCTGGGAGAAAAT	30734
GoodesThornscrubTortoise	TTCTTCAGATGTCAACAGTAGAAGAAGCTATTCCAGGCTTTGA-----TTGATCTGCATAATTACAATCTTGGAGAAAAT	82117

Majority	CACCA--TCTGAG---AGTTTCTTTCTCTAAG-TCAACTATTTAA--AAAGGCAGATTG-AAAATGAGGGTGTATTGCAT	
	88570 88580 88590 88600 88610 88620 88630 88640	
Human	GACCACATTTAACCTTAATTACCTCCTTAAAGGTCCTGTTTTTAAGTACAGTTACATTGGGGGTTAGGACTTCAACATAT	87503
Kakapo	CACCA--TCTGAG---AGTTTCTTTCTCGAAG-TCAACCATTTAA--AAAGGCAGATTGAAAAGGAGGGTGTCTTGCAT	46953
GoldenEagle	CACCA--TCTGAG---AGTTTCTTTCTCGAAG-TCAACTATTTAA--AAAGGCAGATTG-AAAATGAGGGTGTATTGCAT	57213
JapaneseQuail	CACCA--TCTGAG---AGTTTCTTTCTCTAAG-TCAACTATTTAA--AAAGGCAGATTG-AAAATGAGGGTGTATTGCAT	42864
MediumGroundFinch	CACCA--TCTGAG---AGTTTCTTTCTCTAAG-TCAACTATTTAA--AAAGGCAGATAG-AGAATGAAGGTGTATTGCAT	30805
GoodesThornscrubTortoise	CACCA--TCTGAG---AGTTTCTTTCTCCAAA-TCAACAATTTAA--AATGGGAGATAA-AAAATGAAGGTGTATCGCAT	82188

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Majority	TG-TTTGGTGTGTCAC----CTATTGACTGTTTCAGGAAAGTGGGGACCAGAGTTTGTCTTCTGTTTTTTTA----TTT	
	88650 88660 88670 88680 88690 88700 88710 88720	
Human	AAATTTGGGGAGGACACAATTCAGTTAATAGTACTTAAATTTGTAAATCA---TTTATCCCAAATTTTATAAGATATTGT	87580
Kakapo	TG-TTTGGTGTGTCAC----CTATTGACTGTTTCAGGAAAGTGGGGACCAGAGTTTGTCTTCTCTGTTTTTAGGGGTTT	47028
GoldenEagle	TG-TTTGGTGTGTCAC----CTATTGACTGTTTCAGGAAAGTGGGGACCAGAGTTTGTCTTCTGTTGTCTTT-----TTT	57283
JapaneseQuail	TG-TTTGGTGTGTCAC----CTATTGACTGTTCCGGAGAGTGGGGACCAGAGTTTGTCTTCTATTTTTTGA-----TTT	42934
MediumGroundFinch	TG-TTTGGTGTGTCAC----CTTTTACTGTTCAAGAAAGTGGGGACCAGAGTTTGTCTTCTGTTTTTTTA----TTT	30875
GoodesThornscrubTortoise	CG-TTCAGTGTGTCAC----CTATTGACTGTTTCAGGAGAGTGGGGACCAGAGTTTGACTTCTGTCTTT-----C	82253

Majority	TTTTT-----TTTCCTTCCATGCTG---TTATCATTCCCTTGGTGTGTTTTAAAAAATAAAAAA-----TTTAAAGAA	
	88730 88740 88750 88760 88770 88780 88790 88800	
Human	CACTAAAGTTTTGACTTGCTAGTAGGGCTTATAATTTTTGGACTATCTGTAGTGGTAAATAATTCATCATTCTCATTGC	87660
Kakapo	TTTTAATTATTTCTTCTCATGCTG---TTATCATTCCCTTGATTGTTTTAAAAACTTAAACC-----CTTCAAA---	47094
GoldenEagle	TTTTTTTT--TTTCCCCCATGCTG---TTATCATTCCCTTGGTGTGTTTTAAAAAATAAAAAA-----TAAAAA	57350
JapaneseQuail	TCTTT-----CTGTTTTCCATGCTG---TTATCATTCCCTTGGTGTGTTTTAAAAAATAAGAAAA-----AGTTTAAAG-	42997
MediumGroundFinch	TTTT-----C---ATGCTG---TTACCATTCCCTTGATTGTTTTAAAAA---ATAA-----TTTAAAAA	30927
GoodesThornscrubTortoise	-----ATGCTG---TTATCATTCCCTTGGTGTGTTTTAAAAAATAAAAAAAGAACGTTCATAAGAA	82311

Majority	T-----GCAGTGATATT-ACTGCTGTT---TGTTCAACTGT-----TGTTTAGATAAACCATCATTTTGTTTAAAG	
	88810 88820 88830 88840 88850 88860 88870 88880	
Human	T-----GCTAGGTAGATTTTGCT-TTCTTGAAGTGTGTGACCATAAAAGTATGTACTGACACCATCATTTCCTTTAAAC	87734
Kakapo	-----GCAGTGATACT-ACTGCTGGT-----GTTCAACTGT-----TGTT--GATAAACCATCTTTTGTGAAAAG	47154
GoldenEagle	TTAAAAAGCAGTGATACT-ACTGCTGTT-----GTTCAACTGT-----TGTTTGGATAAACCATCATTTTGTTTAAAG	57419
JapaneseQuail	-----GCAGTGATACT-ACTGCTGTT-----GTCCAAGTGT-----TGTTTAGATAAACCATCACTTTGTTTAAAG	43059
MediumGroundFinch	T-----GCAGTGATGTT-ACTGCTTTTCAACTGTTCAACTGT-----TGTTTAGATAAACCATTGTTTGTTTAAAG	30995
GoodesThornscrubTortoise	AATAAAAGCAGTGATATTTAACTGTTGGT---TTTTCATCTGT-----TGTTTAGGAAAC-ATCATTTTGTTTAAAG	82381

Majority	A-TTTCAAGTTAATAC-CACAGTTTTTCAACTTAGTTGACGTACGTGCCTTAAAAA-GGAA-AACTAGTAC----TGCTG	
	88890 88900 88910 88920 88930 88940 88950 88960	
Human	ACACACACACAAACACACACACACACACGCATACACTCCACACAAAACCTATGGTGTACTATTTAGTATGGTGTACTA	87814
Kakapo	A-TTTCAAGTTAATAC-CACAGTTTTTCAACTTAGTTGACGTACGTGCCTTAAAAAAGGAG-AACTAGTAC----TGCTG	47227
GoldenEagle	A-CTTCAAGTTAATAC-CACAGTTTTTCAACTTAGTTGACGTACGTGCCTTAAAAA-GGAA-AACTAGTAC----TGCTG	57491
JapaneseQuail	A-TTTCAAGTTAATAC-CACAGTTTTTCAACTTAGTTGACATACGTGCCTTATAAA-GGAA-AGCTAGTAC----TGCTG	43131
MediumGroundFinch	A-TTTCAAGTTAATAC-AACATTTTTTCAACTTAGTTGACGTACGTGCCTTAAAAA-GGAA-AATTAGTAC----TGCTG	31067
GoodesThornscrubTortoise	CGTTTCAAGTTAAGCC-CACAATTTTTCAAGTTAGTTGACATATGTGCCTTAAAAA-GGAA-AACTAGTGT----TGCT-	82453

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Majority	GAA---TTGCATAACTAG----T-AAAAAGCAAATTTGGT----TGCTCTGGGGCACAT-TGTTACATGATAATTTAAATA	
	88970 88980 88990 89000 89010 89020 89030 89040	
Human	AAAAGATTATCAAACCTGGTATTTAAAAAGTTAGCTATATACTTTTTACAAGAGACATGTAAAGCAGAAGAATATGAAAG	87894
Kakapo	GAA---TTGCATAACTAG----TGAAAAAGCAAATTTGGT----TGCTCTGGGGCACAT-TGTTACATGACGATTTTAATA	47295
GoldenEagle	GAA---TTGCATAACTAG----T-AAAAAGCAAATTTGGT----TGCTCTGGGGCACAT-TGTTACATGATAATTTAAATA	57558
JapaneseQuail	GAA---TTGCGTAACTAG----T--GTAACGAATTTGGT----TGCTGTGGGGCACAT-TGTTACATGATAATTTGAATA	43197
MediumGroundFinch	GAA---TTGCATAACTAG----T-AAAAAGCAAATTTGGT----TGCTCTGGGGCACAT-TGTTACATGATAATTTAAATA	31134
GoodesThornscrubTortoiseA	-----GT-----AAAATGAATTTGGT----TGGCTGGGGCACAG-TGTTATATGAGAATTTAAATG	82505

Majority	TGTTTAGGCAGGGGTGTGTA AAAAGGTTAAGCTTTTGT TTTCTCCTGCTTG--ATAGATTTCTTT-ATCTGCTGGCTTGT	
	89050 89060 89070 89080 89090 89100 89110 89120	
Human	ATTGAAAGGAAAAGGATGTAAAGAGAT---ACTAATATACTGGACAGATAG---TAAGCAAGACAAAACCTAAATACCTT	87968
Kakapo	TGTTTTGGCAGGGGTGTGTA AAAAGGTTAAGCTTTTGT TTTCTCCTGCTTG--ATAGATTTCTTTTATCTGCTGGCTTGT	47372
GoldenEagle	TGTTTAGGCAGGGGTGTGTA AAAAGGTTAAGCTTTTGT TTTCTCCTGCTTG--ATAGATTTCTTT-ATCTTCTGGCTTTT	57634
JapaneseQuail	TGTTTAGGCAGGGGTGTGTA AAAAGGTTAAGCTTTTGT TTTCTCCTGCTTGAATTAATTTCTCT-ATCTGCTAGCTCGT	43275
MediumGroundFinch	TGTTTAGGCAGGGGTGTGTA AAAAGGTTAAGCTTTTGT TTTCTCCTGCTTG--ATAGATTTCTTTTATCTGCTGGCTTGT	31212
GoodesThornscrubTortoiseA	ATTTAGGCAGGGGTGTGTA AAAAGGTTAAGCTTTTGT TTTCTCCTGCTTGAATT-ATTTTATT-ACTTATTGGGTTGT	82583

Majority	CACTTACTTTTCTTTTAAATGGATAAGATGCATTACGCTGAAAGAGTAAAACG-ATTTTATTTGATTTTGTCTACTTTT	
	89130 89140 89150 89160 89170 89180 89190 89200	
Human	TATTAACCTAAGACAGAATTGATAAAGGATTTAGTTCACTAGAAAGATATAACAGTTTATGTATATGTGTGCTAGTGAA	88048
Kakapo	CACTTAGTTTTCTTTTAAATCGGATAAGATGCATTAGGCTGAAAGAGTAAAAGGACGTTATTTGATT--TGCTACTTTT	47450
GoldenEagle	CACTTACTTTTCTTTTAAATGGATAAGATGTATTATGCTGAAAGAGTAAAATG-ACATTATTTGATTTCTGTTACTTTT	57713
JapaneseQuail	CACTTAATTTTCTTTTATTTGG-TAAGATACATTGTACTGAAAGGGTAAAACA-TTGCTATTTGATTT-TGCTACTTTT	43352
MediumGroundFinch	CACTTA-TTTTCTTTTAAATGGATAAGATGCATTACGCTGAAAGAGTAAAATG-ATTTTATTTGATTTTGTCTACTTTT	31290
GoodesThornscrubTortoiseA	ACGTACCTTTCTTTTAAATCAGATAAGATACATTACTTTGAAAGATTAAAACACAACATATTTTATTTCTGCTACTTTA	82663

Majority	T--GCTTTGTGCTCTTTT--TT-----ACAAAAGGCCTTTTGTA----TTTCATGGTTCTGG-TCTAGA	
	89210 89220 89230 89240 89250 89260 89270 89280	
Human	ATAGCCTCAAATATATAAATAAATAAGTAGATAGAACTACAGGTAGACTTGAGCAAATCTATTATAGTGGTGGATTCAA	88128
Kakapo	TT-GCTTTGTGCTCATTTGTTT-----GGAAAAGGCCTTTTAGTA----TTTCATCGTTCTGG-TCTAGA	47508
GoldenEagle	T--GCTTTGTGCTCTTTT--TT-----TCAAAGGCCTTTTGTA----TTTCATGGTTCTGG-TCTAGA	57768
JapaneseQuail	T--GCTTTATGCTTTTTTTTTTTTTT-TAAAGGAAAAAAAAGGCCTTTTGTA----TTTTATGATTTCTGG-TCTAGA	43424
MediumGroundFinch	T--GCTATGTGTTCTTTT--TT-----AAAGAAAGCCTTTTGTA----TTTCATTGTTCTGG-TCTAGA	31345
GoodesThornscrubTortoiseA	-----CTTTTTT--T-----GTAAATGGCCTTCTATA----TTTCATGATTTCTGG-TCTAGA	82709

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Majority	TTCAGTTATGAATGTAGGCATTAGTTAAAATTAACAAGGTACAGAATATTAATTTCTTCAAAGGACAAAAAGTGACTTCT	
	89290 89300 89310 89320 89330 89340 89350 89360	
Human	TTCAGTTTCTGAATTACATGTCAAAGTACCAAAAAAGACAAAATCAACAAGATACAAATGATACAATACAATTACC	88208
Kakapo	TTCAGTTCTGAATGTAGGCATTAGTTAAAATTAACAAGGTACGGAATATTAATTTCTTCAAAGGACAAAAAGTGACTTCT	47588
GoldenEagle	TTCAGTTATGAATGTAGGCATTAGTTAAAATTAACAAGGTACAGAATATTAATTTCTT-AAAGGACAAAAAGTGACTTCT	57847
JapaneseQuail	TTCAGTTA	43432
MediumGroundFinch	TTCAGTTATGAATGTAGGCATTAGTTAAAATTAACAAGGTACAGATTATTAATTTCTT-AAAGGACAAAAAGTGACTTCT	31424
GoodesThornscrubTortois@	TTCAGTTATGAATGTAGGCATTAGAGAAAATTAACAAGGTACAGAATATTAATTTCTTAAAGGAGAAAAAGTGATTTCT	82789

Majority	GTGACTTTGAGCCCTACGTGAAAAGCAT---TGTGG---AATCTTAACCTTTTTGTACACACTCTTGTGGGATGTATCA	
	89370 89380 89390 89400 89410 89420 89430 89440	
Human	TTAAC--AGAATTATGTGTCTAAGTTATGCATCCAACACAGTTTTTAAACGCATATGGAACATTTTTGAAAAATCAGTCA	88286
Kakapo	GTGACTTTGAGCCCTGCGTAAAAGCAT---TGTGG---GATCTTAACCTTTTTGTACACACTCTTGTGGGATGTATCA	47661
GoldenEagle	GTGACTTTGAGCCCTACGTGAAAAGCAT---TGTGG---AATCTTAACCTTTTTGTACACACTCTTGTGGGATGTATCA	57920
JapaneseQuail		43432
MediumGroundFinch	GTGACTTTGAGCCCTACGTGAAAAGCAT---TGTGG---AATCTTAACCTTTTTGTACACACTCTTGTGGGATGTATCA	31497
GoodesThornscrubTortois@	GTGTTTTGAGCCCTCATGTGAAAAGCAT---TGTGGGTAGAATCTTAACCTTTTTGTACACACTCTTGTGGGACGTATCA	82866

Majority	TATAAATGTCAGCACTAAGTAATGTCTTGTTTTGTGGCTGAATATTTTTXGTAGATGTTTTTXGAAGTTG-ACATGACTTA	
	89450 89460 89470 89480 89490 89500 89510 89520	
Human	CATACTAAAC--CATAAAGCAAGCTTCAGCTAATTTCAAAGAGTATCATAACAGACCTCATTCTCTATTGCACAAGTAAGT	88364
Kakapo	TATAAATGTCAGCACTAAGTAATGTCTTGTTTTGTGGCTGAATATTTTTCGTAGATGTTTTTGAAGTTG-ACATGACTTA	47740
GoldenEagle	TATAAATGTCAGCACTAAGTAATGTCTTGTTTTGTGGCTGA	57960
JapaneseQuail		43432
MediumGroundFinch	TATAAATGTCAGCACTAAGTAATGTCTTGTTTTGTGGCTGAATATTTTTCGTAGATGTTTTT-GAAGTTG-ACATGACTTA	31575
GoodesThornscrubTortois@	TATAAATGTCAGCACTAAGTAATGTCTTGTTTTGTGGTGAATATTTTTGTAGATGTTTTT-GAAGTTG-ACATGACTTA	82944

Majority	XGXX	
	89530 89540 89550 89560 89570 89580 89590 89600	
Human	TAGAATTAATAACAAAAGATGCATATAAAATCTGTATCTGAGATTTAAAAATAAGTCTCAGTATTGCATGAGTCAGAA	88444
Kakapo	CGTGCATTTCAATATATATTGCCATCTTTAGTTTGTAATTAAGATATGGAATATGGTTGTGGATTTCTGAGCATGTACAG	47820
GoldenEagle		57960
JapaneseQuail		43432
MediumGroundFinch	CGTGCATTTCAATATATATTGCCATCTTTAGTTTGTAATTAAGATATGGAATATGGTTGTGGATTTCTGAGCATGTACAG	31655
GoodesThornscrubTortois@G		82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              89610   89620   89630   89640   89650   89660   89670   89680
Human         GTTTGTTTGTTTGTTTGTTTGTGAGCCAGTGTCTTGCTCTGTCCCCAGGGTGGAGTGCAGTGGTGCTATTGTGGCTCAC 88524
Kakapo       ACTGGTCAAGCTAGTTCAGGAAATGGTGCATGTATTTTTTCAATGAAGAAGAAAGTTTGCTGCAGAAGCTGGCAGGAAAT 47900
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch ACCGGTCAAGCTAGTTCAGGAAATGGTGCATGTATTTTT-CAATGATGAAGAAGTTTGCTGCAGATGCTTGCAGGAAAT 31734
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              89690   89700   89710   89720   89730   89740   89750   89760
Human         TGCAGCCTCGACCTCCAGGCTTAAGCAGTCCCTTGCACTTAAGCCTCCAAAGTAGCTAGGACTAAAAGCATGCACCACCT 88604
Kakapo       TTTGGGGCAGTTTCCCTCAAACGACAAACCAGGTGGGACCAAAGTTTATGTGCCTTTAGTCTTAATTTACCTTGCATTGT 47980
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch TTTGTGGCAGTTTCTAAACGACAA-CCAGGTGGGACCAAAGTTTATGTGCCTTTAGTCTTAATTTACCTTGCATTGT 31813
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              89770   89780   89790   89800   89810   89820   89830   89840
Human         GCCCGGCTAATTTATTA---TTATTATTATTTTTTGTAGAGATGAGTTCTCACTGTGTTGCCAGACAGAAGTTATTTTA 88681
Kakapo       AATATTCAGTTTTAATAAATCTCTTCAAACATTTTGTATTTAGAAATTGATCTGACTTTACTATAAACATGGCTCAGAA 48060
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch AATATTCAGTTTTAATAAATCTCTTCAAACATTTTGTATTTAGAAATTGATCTGACTTTACTATAAACATGGCTCAGAA 31893
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              89850   89860   89870   89880   89890   89900   89910   89920
Human         ATGGGAATATAAAACTTAAATTAAGCGATAAAGTACTATATACAAATTAGATATATGTGGTACAGTGAAAGAGAAGT 88761
Kakapo       TCTACAGATCCAGTTCATTTGAAAGCAGTTCTCTGTGAGGCTGAACTGTTACCTTGATTCTGTTTCAATGACCAATGCTT 48140
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch TCTGCAGATCCAGTTAATTTGAAAGCAGTTCACTGACAGTCTGAACTGTTACCTTGATTCTGTTTAAATGACCAATACTT 31973
GoodesThornscrubTortoise 82946
    
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Majority	XX
	89930 89940 89950 89960 89970 89980 89990 90000
Human	CTTGACGGGAAGTTTTAACTTTAAGAATAACAGTGTACCCCGAGGAAGGAGATATTAAGACAAGACTGGAAATCAAT 88841
Kakapo	TTTGAAATTGATGTACTTAGTTTCAAGATCCATAGATTCTGTTATCTATGTAGAGAGAGAAAAAAAACAAATGGTCA 48220
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	TTTGAAATTGATGTACTTAGTTTCAAGATTCATAGATTCTGTTATCTATGTAGAAAAAAA-----GGTCA 32039
GoodesThornscrubTortoise	82946

Majority	XX
	90010 90020 90030 90040 90050 90060 90070 90080
Human	GGTATAAAAGACAGTTGAGAGAAAAAATGCACACAAGTTGGATTCTTTGAAAAGACTAAAAAATAGACAAACATCTA 88921
Kakapo	TGTATATTTTCTATTAGTTGAGTTTTTACATCTTTAGAATTGTAAAATTCAGTCTAGTTTGAAAGTGGCACAATTAATA 48300
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	TGTATATTTTCTATTAGTTGAGTTTTTACATCTTTAGAATTGTAAAATTCAGTATAGTTTGGAAGTGGCACAATTAATA 32119
GoodesThornscrubTortoise	82946

Majority	XX
	90090 90100 90110 90120 90130 90140 90150 90160
Human	AAGATTGATTAATAAATGAGAGTGGTAACACAAAAAATTTTTTGAATTATAAAGGGGAGAAGCATTGATAAAGCTCCA 89001
Kakapo	TTAATTTTCTAACAAAGTTGGGAGGTTTGACGGTGGTTTAATTTCAATTTTGTGTGACTCTGCTTACCTCTGTAGCATGC 48380
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	TTAATTTTCTAACAAAGTTGGGAGGTTTGATGGTTGTTTAATTTCAATTTTGTGTGACTCTGCTTACCTCTGTAGCATGC 32199
GoodesThornscrubTortoise	82946

Majority	XX
	90170 90180 90190 90200 90210 90220 90230 90240
Human	GTTTCCACATCATATAAACACCACACTATGTCTGTAAATTTCTTGAGGTCTTTTAAATTTTATTATTTCGTTAATAATCTC 89081
Kakapo	TCAATAAACACTTCTGTAGCTCTGTATTCACCTTTTCTGTCTTTCTCTGCTGCTTTCTCTCTCCTCTCTTTGTTTTT 48460
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	TCAATAAACACTTCTGTAGCTCTGTATTCACCTTTTCTGTCTTTCTCTGCTGCTTTCTATCTTTTCTCTCTTTGTTTTT 32279
GoodesThornscrubTortoise	82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90250   90260   90270   90280   90290   90300   90310   90320
Human          TTCATAGATGGATTAAGGGAAATGTAAA-AAATTACATTAATCAAAAATGTCATTTCAATTGTGAAACATTGACTTTT 89160
Kakapo         CACTTCTACTGTGCTTCTAAATTCATGTTTATTTCTCTGCCAGGGTGGGAAAAGCATAATACTCCAAAATACAATTTACGG 48540
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch CACTTCTACTGTGCTTCTAAATTCATGTT-ATTCTCTGCCAGGGTGGGAAAAGCATAATATTA AAAACTGCTATTTATGG 32358
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90330   90340   90350   90360   90370   90380   90390   90400
Human          TCCTTTATTTATGTCCTTGTCCATTTATGCCATATTTCTTGAATAGGAGAGTTCAGTGTAAGATTACATTGTTTAAAA 89240
Kakapo         CATTTTACCA-AAATCTGATGCTGTGAAAAATACCAGCTCTTTATTTTCACAAAGATAGTGACCCCTTTGCAGGCATATG 48619
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch CTTTTTACCATAAAATCTGATGCTGTGAAAAATACCAACTCTTTATGTTCA----GATAGTGACCCCTTTGCAGGCATATG 32434
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90410   90420   90430   90440   90450   90460   90470   90480
Human          TTTTATTCATTTAAAATTAGTAATTCAGGTAATTTCTTCTGCTCTGTTTACTCCTTGTGTACTTTCAGTTTTTGACAAA 89320
Kakapo         TGCATATGAAACATTTCCACCCTGTTGTAACCTACTGCTTTAAAGACATAACTTTTATTGTAGTTCGTTAGCTCTCTCT 48699
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch TGCAAATTAAACATTTCCACCCTGTTA 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90490   90500   90510   90520   90530   90540   90550   90560
Human          GCTTTTGTTTTCTTTTACTTAAAAATTTGGTATTCTAATTATCATCCCCCTTCCCCTTTAGATCACTTCAGATCCTA 89400
Kakapo         TTCTATCTTTTGTAGTTTGAAGCAGATTTATGCACTAATAGATCTCTCAGGTTTGCCATGCTCTCTTGCTGCAGTTTCAT 48779
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90570   90580   90590   90600   90610   90620   90630   90640
Human          TTGTCAGCAATCAGCTGGCTAGAACTCTCTTGTACCTGGCTACTTCCTGAGGTAGCTGTTTGGTTATTTAGCTTTATTT 89480
Kakapo         CTCTCATTTTTTTGTGTCTGCTAAAGGTTTTCTACTAATCATAACAATATACTCATGGGCTACACTTACAAAGTTGGGCT 48859
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90650   90660   90670   90680   90690   90700   90710   90720
Human          TAATCCCATTCCTCTATCACTCATCTGTCTGTATGCAGTTACTATGCCTGGGACTTATTTTCTTATTCTTTCCCTCCAT 89560
Kakapo         TTTTTTTTTTCATGCTAGATTAGTGGACCATACATATTTTACAGACCAGGATATTTACCTCATCGGAGACATGGGTTCAA 48939
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90730   90740   90750   90760   90770   90780   90790   90800
Human          TATCTCAAAGCTCTGCTGTTTGTGCTGTCTTTTTATTTAGACAGCTTTTTTCTGACAACGTTAAGTCTACTTATTTATA 89640
Kakapo         TTGAATGTAAAACAGTTGGGATACTTTAATAGTGTTCCTTCATATTACTTTGAACTGATTGTTGTGGGGTTTTTTTCCC 49019
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                90810   90820   90830   90840   90850   90860   90870   90880
Human          TCACTTTATTTCTCAAACCTCACACTTAATAACACATTTTATCTGAGGTAGTTTATCTAAACAAAAGTTTGTTCACTTAAA 89720
Kakapo         CCCTCGATTAGCAATAGGATGAAAACTTTACAGAGTCTTCTTTTAAAGAGTAACTGTATGATCCCAAAGCATTACATTGG 49099
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority	XX
	90890 90900 90910 90920 90930 90940 90950 90960
Human	ATAGTTATAGAACTTTAAAATTTTATAATTCAGTGGGTTTTATTGTAAAAGGATTTTATGTACTGTCACTGTAGATAATT 89800
Kakapo	TAAAAGGTGTCAGTGTCAATTCAAAGCATATTGCTGTCACCTTCTCCAGTGCAGTACTGTAGATTTATTGATGTCAGAT 49179
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	32462
GoodesThornscrubTortoise	82946

Majority	XX
	90970 90980 90990 91000 91010 91020 91030 91040
Human	GGTTTTACAGGTGTAAGCGTAAATTTGCAAGTATATGAAATTAAGTATGTGAAATGCAGTGTGAGAAACAAATGAGAAAA 89880
Kakapo	TTCTTTGTGACCTAATGCCTGTTCTTTGGGTGGCTTTCAAAATCAATAGCTATCAGCTTTTTAAAGGTCACGGTACAACA 49259
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	32462
GoodesThornscrubTortoise	82946

Majority	XX
	91050 91060 91070 91080 91090 91100 91110 91120
Human	TTCAGACTTGTGAGAAGATTGTTTTGTTTTTTTTCTGTGCTTAGCCTTGCGGAAAAATCTGAGAAAACCTAAAATATATA 89960
Kakapo	TAGGGGGCTTGCATTAGTCTTCACCACATAAAATAAAATACATTTATCAGAAATACACCAAAGATACGACTTAAGGTATA 49339
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	32462
GoodesThornscrubTortoise	82946

Majority	XX
	91130 91140 91150 91160 91170 91180 91190 91200
Human	ACACTGGAGTGACAATCAGGAAGAGTGGACTCTTTTTTTTTTAAATTTTTTAAACAAATTAGGGAAGTAAAGTTCAATGG 90040
Kakapo	TTGCAGTGTACCCAGTCTGAAATGCCAGTAGAATCAGATTCATCCATACCTGAAACATACGAATCGACATCTTTTTA 49419
GoldenEagle	57960
JapaneseQuail	43432
MediumGroundFinch	32462
GoodesThornscrubTortoise	82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              91210   91220   91230   91240   91250   91260   91270   91280
Human         CTAGTGGTTATCATAATAAGAAAAATTTAAGGAAGTTATAGGTAAAATAAGAATTTTACTTTTGTTCCTTTCTGAATGG 90120
Kakapo        CAACTCATGCACCCAAACACGTTGATGTGATTATCTCCAGTTGACTCGATCAGTAGCTAAGGGTCTGATAGAGCTGATC 49499
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              91290   91300   91310   91320   91330   91340   91350   91360
Human         TACCTCATATTTTGACAGCATTATCCTTTTCAGATCTGTTTTATATTTAATTGGTTTATTATACATGTAAGTATGATTAG 90200
Kakapo        TTTTCAATTTTCCATCTATACGATATGATTTCCCATGTTTTTAAAGTAAAAATGCGTCTCACTTCCTTTGGCATAATCAG 49579
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              91370   91380   91390   91400   91410   91420   91430   91440
Human         ATTCATGGATTTAACCAGTTCCTTTGTATCTTCTGTGTCAAATGTATACTGTAGTATACTGTTTATATTAGAACTCTTT 90280
Kakapo        AACGTGCCTGCATGTTTCCACTAGAAATGTGAATCTCTTGCCAGGCTTATTTCTTCAGAAGAAGTTTCTATACTTCTCT 49659
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              91450   91460   91470   91480   91490   91500   91510   91520
Human         AAAAGTGGATGTTCTATTCTTAATTTCTGATCTTCCACATTGTCTTTATCTGTAACCTACTGTTTTTTGTTGGTTTTT 90360
Kakapo        CATTTTGAAGAGTTCGTGGCAAAAACCTCAAGGGAAAGAATATATATTGAATTTGATTTTTTATTTTTTAATCAATTC 49739
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority	XX								
	91530	91540	91550	91560	91570	91580	91590	91600	
Human	GTTTTTGTGTTTGGAGACAGAGTCTCGCTCTGTACCCAGGCTGGAGTGCACCTGTGGCACCATCTCAGCTCACTGTAACCTC								90440
Kakapo	AGGAACTTTTATTAGGAGGTTATATTTGTATCAGCCGAAATTAAGCAATGATAGTCATAATTGTCATGAAAGCATTTT								49819
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

Majority	XX								
	91610	91620	91630	91640	91650	91660	91670	91680	
Human	CGCCTCCTGGGTACAAGCAATCTGCCTCAGCCTCCTGAGTAACTGGGACCACAGGCACGAGCCACCACGCCAGCTAAT								90520
Kakapo	TCATTAACCTCGGTGAAGAAAAATCACTGCTGCTGTATTGATACATAGTCTTTAAAGTGGGATCTCTTCAGAATACACAGG								49899
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

Majority	XX								
	91690	91700	91710	91720	91730	91740	91750	91760	
Human	TTTTGTATTTTGTAGTAGAGATGGGGTGTACCATATTGGCCAGGCTGGTCTCGAACTCCTAGACCTTGTGATCCGCCAC								90600
Kakapo	TTTCATATCCTAAACTCGAACTTTCCAAACCTTGTTTTCTTGAGACGGGACTGCATTTTGTATAGTAATTTGTACCTT								49979
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

Majority	XX								
	91770	91780	91790	91800	91810	91820	91830	91840	
Human	CTCAGCCTCCCAAAGTGTGGGATTACAGGCGTGAGCCAACGCGCCCGGCATCTACTGTTAATACTTTATTATCTAGTTG								90680
Kakapo	TTTGTGTTATCAAAATGTAATAAGTTTCTGTATTTTGTAGCTCTTGGAATGTGAAAATGCAAAGCATCATTTTATTAA								50059
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                91850   91860   91870   91880   91890   91900   91910   91920
Human          ATTATAGTCATTTAGACCTTCAGTTTAGCCAAAGTGCATGACATATTAGAAATGGTCTTTTTTAGTTATTTGACTGGTG 90760
Kakapo         AATTTTACTACAAATAAGGTTCCCTTAGACTAGATTTTCTCTGCTGGAGCAATGACATCACTTGGGAAAGTCCAAAAGTG 50139
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                91930   91940   91950   91960   91970   91980   91990   92000
Human          AAT---AAAACA--TATAACTTTCTAGCATCAGACCAGTTCATTTAGTTTAAAAATGATCCAGCAGCTATGTCAAGAAAT 90835
Kakapo         ATTCTTCAATCAGGTAACGTCCACTGGCAAATACAATATAGAAGTGAAGTAAACCAGAGCCATTCTGACTAAAAATAGGG 50219
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92010   92020   92030   92040   92050   92060   92070   92080
Human          AGTCATGTAATGTTCTGTTTTCACACACTGCACTATGTTCTGGGGTAGAGACAAAGGTTTGGATTTTGGAAATTTGCAT 90915
Kakapo         GCAAAACTTCAAATTTAAGTGAATGCACTTGAAAAGATTTCTTGTGTGTTGTTATTTACGTGTTACTAGAAGACACCTT 50299
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92090   92100   92110   92120   92130   92140   92150   92160
Human          TATACCAATTGAGCTTCCCAAATCTGAAATGTTCCAATGAGCATTTCCCTTGAGCATCATGTTGGCCCTCAGTTTTGGAT 90995
Kakapo         TGCCCTGCAGGAATAACAGCTCCTGTGACTAGTTGTGAATTGCCATTTTGGATGTTTACATTAATTTTCAGTTCGTAA 50379
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92170   92180   92190   92200   92210   92220   92230   92240
Human          TTTGGAACATTTTCAGATTTTCAGATTTCTGCATTAAGGATACTCAACCTGTACAGACTGGGAAAGGTATAAGCCATGTTAA 91075
Kakapo         CAAGCCATCTTACGAAAGAAAATCCCTTTGATTCATTGTGAGTGTCCCTTGTGCTTATTGTAGTGTTTTACAGCATGACAG 50459
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92250   92260   92270   92280   92290   92300   92310   92320
Human          AGAATGAGTTTCAACTTTGTCCTTAAGGGTTTTAAGCAGGTATTGACGTGATCAGATTTGTAATTTATGAAGGTCATCAA 91155
Kakapo         CACCCATCAGGCATTTATCTGCACTATTTAAGGCCTTAAATTTTCATACCCTGGTTTACTCTAGCTAATAGATCTAATTTT 50539
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92330   92340   92350   92360   92370   92380   92390   92400
Human          GCTGCTGTATAGAAAATGGATTGGAAAATTTATCCAACAGGAAGACAAATATGAGACTGAGTTATCCAGATAAAAAATAA 91235
Kakapo         ATGCTTAGATAGTAAGTAGTCTGTGTGAAACACTAGAAAAGGGTGAGAATTGTGTCCTTCTCTGCAAACAGGTATATAA 50619
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92410   92420   92430   92440   92450   92460   92470   92480
Human          TGTCAGCGAGAAGTAGAGAAACAGATCATGAATTTGAGGGACAATTAGGAGGAAGGCTATCACAATATTTAGCAATTAGG 91315
Kakapo         ATCCACTCGTCCACCTCACGAAGTAGTGTCCCACTATGAAATGTTTTACAGTGAGC 50676
GoldenEagle    57960
JapaneseQuail  43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92490     92500     92510     92520     92530     92540     92550     92560
Human         ATGTGTAACAGAAGGGAGAAAAAGAGCTAGGGATGCTTATTAAGTTTCTTTCTTGTGTAGCTCACTATACGATTTGTTAG 91395
Kakapo              50676
GoldenEagle              57960
JapaneseQuail            43432
MediumGroundFinch       32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92570     92580     92590     92600     92610     92620     92630     92640
Human         CAGGATTGTTGAGGAAGATAGATATTCATAATCTGGATTTTCATTCTATGAAAGTAGCTGGCTTTTTTGCCAGAATGCCT 91475
Kakapo              50676
GoldenEagle              57960
JapaneseQuail            43432
MediumGroundFinch       32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92650     92660     92670     92680     92690     92700     92710     92720
Human         TGTCTAGTTCAAATGAAAATGTACTTAAGTCTTATCACCAGTGGCTATGGTAAATTGGTGATTTATTTTAAATCATAAG 91555
Kakapo              50676
GoldenEagle              57960
JapaneseQuail            43432
MediumGroundFinch       32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                92730     92740     92750     92760     92770     92780     92790     92800
Human         AAAATTCAAATTTTAAACTGTTACGTTAAAAGAATTATGTTTGTGTTTGTGCTTTGATATTGTTTGTAAATAGACATGCT 91635
Kakapo              50676
GoldenEagle              57960
JapaneseQuail            43432
MediumGroundFinch       32462
GoodesThornscrubTortoise 82946
    
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Majority                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                          |-----|
                          92810     92820     92830     92840     92850     92860     92870     92880
Human                    TTCTTTTATAGCCATGAATCATCTTAATGGACAGAAATGTATGGAAAAATTTATTCGTGTTACTCTGTCTAAACATCAG 91715
Kakapo                                                            50676
GoldenEagle                                                      57960
JapaneseQuail                                                     43432
MediumGroundFinch                                                32462
GoodesThornscrubTortoise                                         82946
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Majority                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                          |-----|
                          92890     92900     92910     92920     92930     92940     92950     92960
Human                    ACTGTACAGCTACCTCGAGAGGGACTTGATGATCAAGGGCTAACAAAAGATTTTGGTAATTCCCATTGCATCGTTTAA 91795
Kakapo                                                            50676
GoldenEagle                                                      57960
JapaneseQuail                                                     43432
MediumGroundFinch                                                32462
GoodesThornscrubTortoise                                         82946
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Majority                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                          |-----|
                          92970     92980     92990     93000     93010     93020     93030     93040
Human                    GAAACCTGGATCCAAAATTTTCAAACATTTTTCCTCCTTCTGCCACCCTTCACCTATCTAATATCCCGTAAGTATATA 91875
Kakapo                                                            50676
GoldenEagle                                                      57960
JapaneseQuail                                                     43432
MediumGroundFinch                                                32462
GoodesThornscrubTortoise                                         82946
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Majority                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                          |-----|
                          93050     93060     93070     93080     93090     93100     93110     93120
Human                    AGCTAGAGTGATTGAGATACATTCTATTTTGATAAAATATGAAATTTATCTTAATCTTCACTTTTCTTCCCATTCAA 91955
Kakapo                                                            50676
GoldenEagle                                                      57960
JapaneseQuail                                                     43432
MediumGroundFinch                                                32462
GoodesThornscrubTortoise                                         82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93130   93140   93150   93160   93170   93180   93190   93200
Human         TTTTCTAGTCCATCAGTAGCAGAAGAGGATCTACGAACACTGTTTCGCTAACACTGGGGGCACTGTGAAAGCATTTAAGT 92035
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                  32462
GoodesThornscrubTortoise                          82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93210   93220   93230   93240   93250   93260   93270   93280
Human         TTTTTCAGTAAGCAAGCTTCCTTATCTTTAAATTAGTGACCTGATAAAATTTTAAAGTAGTTTTTGTTCCTTTTCGTTTAT 92115
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                  32462
GoodesThornscrubTortoise                          82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93290   93300   93310   93320   93330   93340   93350   93360
Human         AGAAATTTTGTATCCGGAATGGCCAAAATTCAAGTATTTAATAAGCCCTTCTAATTGTATGAAGTGCTAATTTTAT 92195
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                  32462
GoodesThornscrubTortoise                          82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93370   93380   93390   93400   93410   93420   93430   93440
Human         AATTTTGTTCAGAAAGAGATCACAAAATGGCTCTTCTTCAGATGGCAACAGTGAAGAAGCTATTCAGGCCTTGATTGAT 92275
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                  32462
GoodesThornscrubTortoise                          82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93450   93460   93470   93480   93490   93500   93510   93520
                |-----|
Human          CTTCATAATTATAACCTTGGAGAAAACCATCATCTGAGAGTGTCTTTCTCCAAGTCAACAATTTAAAAATGGGAAGATGA 92355
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93530   93540   93550   93560   93570   93580   93590   93600
                |-----|
Human          AGATTGGGGGTGAATCACATTGTTCAATGTCATCACCTATTTGACTGTTCCAGAAAAGTGGGGACCAGAGTTTGATTTTTT 92435
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93610   93620   93630   93640   93650   93660   93670   93680
                |-----|
Human          TTGTTTTTGTTTTTTGGGGTTCTTTTTTTTTTCCATGCTGTTATCATTTCCTTGGTTATAAAATGAAATGGCATATGTA 92515
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93690   93700   93710   93720   93730   93740   93750   93760
                |-----|
Human          AAGGCAGAGTTGTTAACTGCTATATTTTCATCTGTTCTATAGGGAAGCCATTTTGTCTGTTTAAAATTTTCAGTTTAATTTT 92595
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93770   93780   93790   93800   93810   93820   93830   93840
Human         GCTTTTTTTTTTTTTTTTTTTCCTTTCAACTTAGTTGACATACGTGCCTTAAAAAGGAAACTAGTGTGCTATTGTG 92675
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93850   93860   93870   93880   93890   93900   93910   93920
Human         CATTTACTAGAAAAAGGAATTGGTTGTTTAGGGCACACTGTTATATGGGAATTAAAATATGTTTAGGCAGGGGTGTGTA 92755
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                93930   93940   93950   93960   93970   93980   93990   94000
Human         AAAAGGTTAAGTTTTTGTTCCTGCTTGGAACTTATTTTGAATTACTGGCTTGTCACCTTTTTTCTATTTAATCAAA 92835
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94010   94020   94030   94040   94050   94060   94070   94080
Human         TAAGATACATGATATTGAAAGAATAAAGCAGCATTTTTAGTTTTTACTACCTTAGGCTTTATTGCTTTGAAAACAACATT 92915
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94090      94100      94110      94120      94130      94140      94150      94160
Human          GGCCTTTTGTATCTCACAAATCTGGTCTAGATTGAGTTATGAATGTAGGCATTAGTTAAAATTAACAAGATGCAGAGTAT 92995
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94170      94180      94190      94200      94210      94220      94230      94240
Human          TAATTTCTTAAGACAACAAAGTGATTTCTGTAAGTTTGAGCCCTATGTGGAAAGCATTTGTGGAATCTTAACCTTTTCGTA 93075
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94250      94260      94270      94280      94290      94300      94310      94320
Human          CACACTCTTGTTGGGACGTATCATATAAATGTCAGCACTAAGTAATGTCTTGTGTTGTGGCTGAATATTTTTCGTAGATGTT 93155
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94330      94340      94350      94360      94370      94380      94390      94400
Human          TTTGAAGTTGACATGACTTACGTGCATTTAAATATATATTGCCATCCTTAGTTTGTAAATTAAGATTTGGAATATGGTTGT 93235
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94410   94420   94430   94440   94450   94460   94470   94480
                |-----|
Human          GGATTTCTGAGCATGTGCAGACTGGTCTAGCTAGTTTCAGGAACGGTGCATGTATTTTCAAAGATAAAGAAAGTGTACT 93315
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94490   94500   94510   94520   94530   94540   94550   94560
                |-----|
Human          GCGAAAATATGCAGGAAGATTAATTTTGTGGCAGTTTTCTAAAACGACAACCAGGTGGGACCAAAGTTTATGTGCCTTT 93395
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94570   94580   94590   94600   94610   94620   94630   94640
                |-----|
Human          AGTCTTAATTTACCTTGCATTGTAATATTCAGTTTTAATAAATCTTCAAAATATTTTGTATTTAGGAATAGATCTGACTT 93475
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                94650   94660   94670   94680   94690   94700   94710   94720
                |-----|
Human          TAATAAAAACATGGCTCAGAATCTACAGGTCAAATTAATTTGAACAGTTCTTGTCAATCCGAATGTTGATTCTGTTTAA 93555
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              94730   94740   94750   94760   94770   94780   94790   94800
Human         ATGACCAACTACTTTTTGAAATGATGTACTTAGTTTCAAGATTCATAGATTCTGTTATCTATGTAGACAGAATGGTCATG 93635
Kakapo              |-----|
GoldenEagle              |-----|
JapaneseQuail              |-----|
MediumGroundFinch              |-----|
GoodesThornscrubTortoise              |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              94810   94820   94830   94840   94850   94860   94870   94880
Human         TATATTTTCTATTAGTTGAGTTTTTACATCTTTAGAAATGTAATAATTCAGTATAGTTTGAAAGCGGCACAATTAATAAATT 93715
Kakapo              |-----|
GoldenEagle              |-----|
JapaneseQuail              |-----|
MediumGroundFinch              |-----|
GoodesThornscrubTortoise              |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              94890   94900   94910   94920   94930   94940   94950   94960
Human         AATTTTCTAACAAGTTGGGAGGTTTGATGGTTGTTTAAATTCATTTGTGTGTACTCTGCTTACCCTGTAGCATGCTC 93795
Kakapo              |-----|
GoldenEagle              |-----|
JapaneseQuail              |-----|
MediumGroundFinch              |-----|
GoodesThornscrubTortoise              |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              94970   94980   94990   95000   95010   95020   95030   95040
Human         AATAAACACTTCTGTAGCTCTATATTCACCTTTTCTGTCTTTCTCTGCTGCCTTTTCTCTCTCCTCTTCTTTGTTTTCAC 93875
Kakapo              |-----|
GoldenEagle              |-----|
JapaneseQuail              |-----|
MediumGroundFinch              |-----|
GoodesThornscrubTortoise              |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95050   95060   95070   95080   95090   95100   95110   95120
Human         TCCACTGTGCTTCTGAATTCATGTTTATCTCTGCCAGGGTGGGAAAGGAGTAATAATATTACAATTCTATGGCTTTATA 93955
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95130   95140   95150   95160   95170   95180   95190   95200
Human         CCATAAATAAATCTAGATGCTGTGAAAATATACCAGCTGGTTTTTTTTTAATTTAAAAGATGGTAACTGCTTTTCAGGAGG 94035
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95210   95220   95230   95240   95250   95260   95270   95280
Human         ACACATATTAAACATTTCCACCCCTGTATAATCTACTGCTTTAAAGACATAACTTTTATTGTAGCTTGTTAATTCATC 94115
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95290   95300   95310   95320   95330   95340   95350   95360
Human         TCTTTTGTCTTGTGTGTTTTTTTTTTTTTCCAGTAGATTTATGCACTAATAGATCTTTTGGATTTGCCATGCTCTCTTG 94195
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95370   95380   95390   95400   95410   95420   95430   95440
Human         CTGCAGTTTCATCTTTTCATCTTTTGTGTCTGCTAAAGATTCTTACTAATCTTAGACTACCTTGTGAGTTAACAAAAGA 94275
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95450   95460   95470   95480   95490   95500   95510   95520
Human         ACTTGATATTACTGGGAAGAAAGAGCAGCATATCTGCATATCAGCATATCTGCTTTTGCCTTGGGTGGGAAGAATGATAT 94355
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95530   95540   95550   95560   95570   95580   95590   95600
Human         ACATTCAAGTATTTAAAAACTTAGAGTAATTTGCATTTAAACAACTGAGGATGTTACTACTGTAACCTTGTTAAGCAGTTAC 94435
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                95610   95620   95630   95640   95650   95660   95670   95680
Human         AATTAGGGTGCTATTTATATTCAAAATATTTTCGGTCAGTTTTTCTAAACAGATATATTGGTATCAAATAACTTTGGAGTT 94515
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                95690     95700     95710     95720     95730     95740     95750     95760
Human         ACACATGTTTCTTAGGTTTGTCTGTATAAAAATATCCACACTTATGCAAACCTTACACATAGGATAATAAAAAGTAAA 94595
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                95770     95780     95790     95800     95810     95820     95830     95840
Human         TGAAGGAACATAAAATATGTTTACTATACTTAATGTAGTAATTCAGTTACCTCCAAGAAAGAAGTATAATAAGTAAA 94675
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                95850     95860     95870     95880     95890     95900     95910     95920
Human         ATAATTTTGTTTTACACTAGTGTCACTGTGTGCATCTGAAGAAGAACCATTAGAGTCAACAGTCTGGGATGATTGGAAGC 94755
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                95930     95940     95950     95960     95970     95980     95990     96000
Human         TAGGTGATCTGTGTTTTTTTCTTAAATAACATCGTAGCACAGGAACTCTACCAGCATCAGATAAGTCTAAAGTCTAA 94835
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96010   96020   96030   96040   96050   96060   96070   96080
Human      AAAACCAATACCAGGGTTAGTGAATAGTAATTGAACAAAGCTTCTCAAGGTGAAGTTTTTCTCAGTAATTAGTGGTGGCT 94915
Kakapo     50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96090   96100   96110   96120   96130   96140   96150   96160
Human      ATAATATTTGAAAGTAGGTTCTGTACCTTTTCAGGTGCTCATTGTGGGTGGGATTGCCTTGGGAAGGAGAACTAAGTC 94995
Kakapo     50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96170   96180   96190   96200   96210   96220   96230   96240
Human      CTGAGCTGTGTGTGTGGACTTAGTTTTGTGCCAGTTGCTAAGCTGGTGGGAGTCCCAGTCTCCCTAGTGGGAGATAACCA 95075
Kakapo     50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96250   96260   96270   96280   96290   96300   96310   96320
Human      GAAACCAGCTCTTCCTGCCTAAGGACTACAGCAGATTCTATACTGTCTTACAGTATGCCTAATACGGCCTTCCTTCCAA 95155
Kakapo     50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority
XX
96330 96340 96350 96360 96370 96380 96390 96400
Human AGCACCAAGTCACTAAAGGGGATTTTGACATTCTAGAATATTTTAAATTCAGTACATCAAATTAACCCAGGCCTTGGCA 95235
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX
96410 96420 96430 96440 96450 96460 96470 96480
Human TATAGTGAATTGCTTATTAAGTTAGGTAAAAATAAAAAACAGCTTTGTCGTATATTAGTACTCTATGACTCTTAGAGTG 95315
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX
96490 96500 96510 96520 96530 96540 96550 96560
Human AACAAAGCTAACAGTATTCTTAGGACTTAGCTGCTTTGTTAATAGAGGTCTTAACTTGAATATTTAGAAATAATCAGAAA 95395
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX
96570 96580 96590 96600 96610 96620 96630 96640
Human AATTATTTTTTGGTATTGAAGATGTATTTTGGAAATGGGTTTTAAAGTACCTACTTAAGGAAGAGATATCTACAGTTTAT 95475
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96650   96660   96670   96680   96690   96700   96710   96720
                |-----|
Human          ATTTAACGTTAGCATTTGAAAGCAATGAAGAAAATTTTTCCTTAACCAGGAAGTGTAAATGAATCATTATATTAGAGATTA 95555
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96730   96740   96750   96760   96770   96780   96790   96800
                |-----|
Human          AATTAACACTTTGGAAGCATTTTAGCTCCTAGAGTTAAGGTTAGTATAGTGAAATTATGGTGATTAGCTTAATTCATTCA 95635
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96810   96820   96830   96840   96850   96860   96870   96880
                |-----|
Human          TGTACATCTATTTGTATCACCATATAATTACTAGGGAAAGGACAAATCACTTTTCAAAGCCTCAATGTTATTTGTAAAT 95715
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                96890   96900   96910   96920   96930   96940   96950   96960
                |-----|
Human          GGAGGCAATAAGTTCTGCTCTGCTCCCTCACAGGATTATTACAGAGGCTCAAATAGGATAAGTGAAGGAATGCTATGCA 95795
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              96970   96980   96990   97000   97010   97020   97030   97040
              |-----|
Human         ATTAGTTAACTAATGCCAGTTCACAGACTGCCAGATTGCCACAGTAAACTTCATTATCCACAATACATGTTATCCTAA 95875
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              97050   97060   97070   97080   97090   97100   97110   97120
              |-----|
Human         TATGTCTTTTGTCTACAAAGAAATACTAATGTTTAAATTTACTAGTTTCATAAAGCAGAAAGATGTAATGCAG 95955
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              97130   97140   97150   97160   97170   97180   97190   97200
              |-----|
Human         TTATAGAGAGCATCCAAGCCAGATGAAAAGAAACCATGGATTTAGCTTTATATTTTCTGTTTGAAGTTGATAGCCCAAT 96035
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              97210   97220   97230   97240   97250   97260   97270   97280
              |-----|
Human         CATAAATGCACATATTTAATTATAGACTGCACCTAAGATTTTCATATGTATAAAAAAGTTGCTGTGAAACAGGTAATTTT 96115
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97290   97300   97310   97320   97330   97340   97350   97360
                |-----|
Human          AACACTCAGGAATTTCAAGGCTAAGGAAGAAAGACATACTCTCATGAGCAGCTCTGAACTTCAAACAGGATTTTCTGGCT 96195
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97370   97380   97390   97400   97410   97420   97430   97440
                |-----|
Human          GCCTTAATATATATAAATGGAGCCTAAATCTGAAAACGTTTTTTTTCATTGAGAAAGTACAGAATTCAGTGAAATTGA 96275
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97450   97460   97470   97480   97490   97500   97510   97520
                |-----|
Human          GTATACTAGGAAATCTGATGGCAAGAATTCAGCAGAAAGTCTTAATTTTAAACCGTAATATTCATTGATTATGCAAACCC 96355
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97530   97540   97550   97560   97570   97580   97590   97600
                |-----|
Human          TTAGTTTTATAGTTATTCTTTGTTATTTTGAATAGCTTCCTTTAAATTTTCTAGTTTCAGATTTTGCAAATAAAAGTGT 96435
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97610   97620   97630   97640   97650   97660   97670   97680
Human         ACATGTTAAAGTTATAGAGTATTAGATTATTCACATTAAGAAGTGTCAAATACGCGGAAAAATAAAACCGTAATGAACA 96515
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97690   97700   97710   97720   97730   97740   97750   97760
Human         CCTATGCACTTCACTCAACTATATCACTACCTAACATATCCATATTTTAAACGTAATTATATATTAGTTGAAAGAAAAC 96595
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97770   97780   97790   97800   97810   97820   97830   97840
Human         GTTACAGAATGAACTGAAATCCCATATGAACCTCTTTCTGATCTTAGTTCAAACCTTATTCTTTCCAAGAGGTAATTGT 96675
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                97850   97860   97870   97880   97890   97900   97910   97920
Human         TACCTTCAGTTTAGTATTTTATTATTCAGTGGTTGCTTTTCAAGAGGAATTTGTCCTATATTCTGTAGGCTAAATTCTTT 96755
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              97930   97940   97950   97960   97970   97980   97990   98000
Human         GTTTTCCTAGTTATAAAAATGGCAAATAATATGATATTGGGTGTTTAAATAGTACAATATTGTTCAAAACACACTTTAT 96835
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              98010   98020   98030   98040   98050   98060   98070   98080
Human         AATTTTAAACAGACTGTTTGGACATTGATAATTCCCCTATCAAATCTCATGACATTTAACCAATTTTAAACAAGGATTTT 96915
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              98090   98100   98110   98120   98130   98140   98150   98160
Human         AAATGTGTTTAAAGAAATAAGTCATTTGGGCCTCAGGTTTCTCTTAAGGATGTAACAAGGAGCTATATCATTGGTATTT 96995
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              98170   98180   98190   98200   98210   98220   98230   98240
Human         TAGACGCTGAATTATGTGTAAGGTCCTTAAATACAAACATACCCTTTGTAGCTTCACAGAGCCACCCGTTTGCACCTTCT 97075
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              | 98250 | 98260 | 98270 | 98280 | 98290 | 98300 | 98310 | 98320 |
              |-----|
Human          CTCGCTTTTCTTCCTCCTCTTTGGCTCCCATTTCAATGGACAGAAAGACTATGTGGCATCTCTATTTTCATTCACTTGG 97155
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              | 98330 | 98340 | 98350 | 98360 | 98370 | 98380 | 98390 | 98400 |
              |-----|
Human          TTTATTGCTCTGGTATGTTGTATAGGTTTTGAATCAGAAAATTTTAACATTTTGTAGATATTTCAAACATACAAAAATA 97235
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              | 98410 | 98420 | 98430 | 98440 | 98450 | 98460 | 98470 | 98480 |
              |-----|
Human          GAAGAATATTTAACAAACCCTTGTCAGCTTCAGTTAGCAACTTAGATCTTCCTCGTTTCCTCCACCCAATTCTCATCTCC 97315
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              | 98490 | 98500 | 98510 | 98520 | 98530 | 98540 | 98550 | 98560 |
              |-----|
Human          TTTATTAATGCAGATCCCAGATATATTTTATCAAGAAATTTGTAGCATATATTTGTGTTGTTTATTTCGTGGTCATAGT 97395
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                98570   98580   98590   98600   98610   98620   98630   98640
Human         TGCTTTCTCTAATATCTAGACTAGCCTAGCTGGTCAATACTACTTTTCTTCAATCCTAGAACCTCCCTATTAAAAATAT 97475
Kakapo                |-----|
GoldenEagle                |-----|
JapaneseQuail                |-----|
MediumGroundFinch                |-----|
GoodesThornscrubTortoise                |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                98650   98660   98670   98680   98690   98700   98710   98720
Human         AGTCACCAGACCAGTGGCAAATTAGTATCACCTAGGAGTTTATTAGAAACTCAGTCTATGAGCCTACTGAATCTACATT 97555
Kakapo                |-----|
GoldenEagle                |-----|
JapaneseQuail                |-----|
MediumGroundFinch                |-----|
GoodesThornscrubTortoise                |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                98730   98740   98750   98760   98770   98780   98790   98800
Human         TGACAAGATTGGCAGGTGATGCATTTGGACATAAGTTGGAGAAGCACTCAATGCATTTTTTCAGTTCTATAAAAAATCAGC 97635
Kakapo                |-----|
GoldenEagle                |-----|
JapaneseQuail                |-----|
MediumGroundFinch                |-----|
GoodesThornscrubTortoise                |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                98810   98820   98830   98840   98850   98860   98870   98880
Human         TTCAAAGTTTTTTCCTGAGTGTGGAAATTATTTTCATTAGTAATTTTAAGTTATGCAGATATAGTTAATACCAAGAAATAA 97715
Kakapo                |-----|
GoldenEagle                |-----|
JapaneseQuail                |-----|
MediumGroundFinch                |-----|
GoodesThornscrubTortoise                |-----|
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              98890   98900   98910   98920   98930   98940   98950   98960
Human         TTGAACTGAAAAGGAACCCGGATATCTAGTTTTTAAACAGCTGTTTAAAGATAAACAGTTCTAGAGATCAAATGAATAGT 97795
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              98970   98980   98990   99000   99010   99020   99030   99040
Human         TTAGCAACATATTTATTGTAACTTACCTGTAGTTAGAATCCAAGTCCCTGGCTTTCCAATCCAGTCTTCAATGTATAATA 97875
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              99050   99060   99070   99080   99090   99100   99110   99120
Human         CTGATCAAAAGAAATACAGGCCTGCTATTATTCATAAATTTAAACTATTATGTACAAGTTGATAGCTTATAATAGAAATC 97955
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              99130   99140   99150   99160   99170   99180   99190   99200
Human         AGTATGATTAGTGTTAAAAGTCAAATTTAGTCTGACAGGGAAGGAATGTCCATGTGAACTGATTTTTTTAATAGAATGC 98035
Kakapo                               50676
GoldenEagle                               57960
JapaneseQuail                             43432
MediumGroundFinch                         32462
GoodesThornscrubTortoise                  82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                99210   99220   99230   99240   99250   99260   99270   99280
Human         AAATTAATACTCAATTCCTGATTTGTTTATTACATTTTGTGGTTTAAATGAAATGATACTCAGGTCATTTTCATAAATAGC 98115
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                99290   99300   99310   99320   99330   99340   99350   99360
Human         TTTTCTATTAATGCTTCCTCAGTCACATTCTCTATTTCCTATTGCATAGCACAGTCTAACAGTTGAAATGCCTAAGCCTTA 98195
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                99370   99380   99390   99400   99410   99420   99430   99440
Human         CTGAATGATGACTGATATTCTCTGTGAGAGTTAGAGCTGTACTATAAATATACATTACCTGTGCAAAGTATGCCTTCAGG 98275
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                99450   99460   99470   99480   99490   99500   99510   99520
Human         GGCTATTCCCATAACCTTAGCAAAATTTTAAATATTCTTATGGCTAGCAATCTTATCTATTGTCATGCTTACTATTT 98355
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                99530     99540     99550     99560     99570     99580     99590     99600
Human         CCTGCTTACCACCCCATTCTCTCTCAACCTTGTGCTGCATTAGCTGTCCATCACTTAACACTGTTTATTTCTCTGTT 98435
Kakapo         50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                99610     99620     99630     99640     99650     99660     99670     99680
Human         TTTCTTCCATCATTCTCTTCTTGCAACTAAATGATTAGACTTTTTATAACCATAATCAACCAGTTAGATTCTTTTAT 98515
Kakapo         50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                99690     99700     99710     99720     99730     99740     99750     99760
Human         TTGTGGTTATTGAGTTGATAAATGATAGTGCATTTTATGTAATATTCAGGTGTTATGCTATTTTATCTGGTTCACTTTA 98595
Kakapo         50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|-----|-----|-----|-----|-----|-----|
                99770     99780     99790     99800     99810     99820     99830     99840
Human         AAACCTCCCTCCCCCACTCCCTTTTTTGTGGGTTTTTTTTTATTATTATTATTTCCAGTTTGTGTTGTTTTGCTT 98675
Kakapo         50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                99850   99860   99870   99880   99890   99900   99910   99920
Human         TTTAACTTCTGAGATTGCAGTGGTTCAGATGGTTGAAATCACTAGTAGTGATTACATGAAGCATTTCATGTATTTATTA 98755
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                99930   99940   99950   99960   99970   99980   99990   100000
Human         CTGGTATATTCAACTATGGTGGAGGGAAATTGGTCGAAGAATTACGGTTAAAGAGCTCCTTTAAAAGGAGATTTGTAGA 98835
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                100010  100020  100030  100040  100050  100060  100070  100080
Human         ATTCTAAAATGTGATTCTGATTCATATAGTCATGATTCTTAGAAATTAGCTACAGGAAGAGATAGAAACATTGCTATAGT 98915
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                100090  100100  100110  100120  100130  100140  100150  100160
Human         TGCTTTGCCCTAAGTTTGGAGTTTTATAGTGTAAATATATATAAATAGCTCTAATTATAAATACACTTTTACTCTGGAA 98995
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                  |-----|-----|-----|-----|-----|-----|-----|
                  100170  100180  100190  100200  100210  100220  100230  100240
Human             AAAGCATAGACATTGACATAAGAGACATTTAAAAACCATTATTTTCTCATCTGTAAAATGGAGAGAATTACTTCATATGT 99075
Kakapo                                   50676
GoldenEagle                                   57960
JapaneseQuail                                  43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
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Majority          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                  |-----|-----|-----|-----|-----|-----|-----|
                  100250  100260  100270  100280  100290  100300  100310  100320
Human             TCACTTATAAGGATTATGTGAAATACTGTTCCATTCCATTAGTAGTTTTTCTTTTCCTCTAATTGGGGGTGGGGGCAGTT 99155
Kakapo                                   50676
GoldenEagle                                   57960
JapaneseQuail                                  43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
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Majority          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                  |-----|-----|-----|-----|-----|-----|-----|
                  100330  100340  100350  100360  100370  100380  100390  100400
Human             TTTGGCATTCTATTTATGGAAGGTGTTTTTTCCCTAAGATCATTTTGATGTCTCAGAAGACATTTGCTATGTACGTTGG 99235
Kakapo                                   50676
GoldenEagle                                   57960
JapaneseQuail                                  43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
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Majority          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                  |-----|-----|-----|-----|-----|-----|-----|
                  100410  100420  100430  100440  100450  100460  100470  100480
Human             ACATTTGCCATGTACATTGTAGAGAATACAAAGATAAACAGAACCACAGTACAGCTGGTTCTATTAGACATTGAAAATGC 99315
Kakapo                                   50676
GoldenEagle                                   57960
JapaneseQuail                                  43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
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Majority
XX

100490 100500 100510 100520 100530 100540 100550 100560

Human ATATTTCTAGCATATTTAATATATATTAGGGAACAATTTAAGCATAATGTGAATTTTCATGTTTACTGAAGATTTTCATCCTGAG 99395
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX

100570 100580 100590 100600 100610 100620 100630 100640

Human AAACAAATGAAAGCAGAAAATTACAACCAACTGAACCAGCTGTGTAAGAAATATATATATGGTGTGCACACATGTACATA 99475
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX

100650 100660 100670 100680 100690 100700 100710 100720

Human CCTCAGACATCTATTAGCATTTCTCAGTTTCCACAAGTTAAAAGCCACGCTCATCCATATCTGGTGCTAATAACTTCCTA 99555
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX

100730 100740 100750 100760 100770 100780 100790 100800

Human TCCAATTTTCAGATAGCTGTTTTCAACACATCTGACACCTTCTTTTTTTCAAGCAAACCTTCAGGTCTTTTTCAAGATAAAG 99635
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                100810  100820  100830  100840  100850  100860  100870  100880
                |-----|
Human          TCATTTATAGTAGTGTCTATATATTTCTTAACCATTTAACATGTAAACTGTGCTGCCTTTTAAGAAATTAATTCTATCCT 99715
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                100890  100900  100910  100920  100930  100940  100950  100960
                |-----|
Human          TTTTAGTGTGCAGAGTTGAAGATTTTGAGTGTGTGCCCTAACCTTATCATTTTCCTCATAAGTCCTGTGGTTTTTATTGT 99795
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                100970  100980  100990  101000  101010  101020  101030  101040
                |-----|
Human          ATGATTTTGCATAGTGTGGCAATTCTTGAAATGCTTATGTTGTGTTATAGTATAACTGACTTACTACTTTCAAATAGCT 99875
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101050  101060  101070  101080  101090  101100  101110  101120
                |-----|
Human          TCTAGTCTGATTCATGTTATGACAGTATACAGTATAGCAAATAAGGACATCAGGGAACAGGAGGCTGAGCATATCACCA 99955
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101130  101140  101150  101160  101170  101180  101190  101200
Human         TTTACCAATGGTAGCTTGAGCAAGGCACTTCATTTATCGAAGTCCATTTTCTCATCTGTACAATGGAGGTGATGATAGTA 100035
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101210  101220  101230  101240  101250  101260  101270  101280
Human         CATGTCTTTTCTGTCTTGTGTATTTTGTAGTTTCAAGTAAGATATGAAATATGCTGTAGAAATACAGGGTTGGGAATATC 100115
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101290  101300  101310  101320  101330  101340  101350  101360
Human         TAGTGGTACAAAATCAACTTTTGGCCCAATTTTAAGGTGAGATAATTATGAGACATTTTTCGACCTCAAAGTCTTTGTT 100195
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101370  101380  101390  101400  101410  101420  101430  101440
Human         CTTTCTCTCTACACCATTGTGAATAACACAGTGTATATATGAGATTAATTTATTACCTCGACTTTCATTTTGTGTTTG 100275
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority	XX								
	101450	101460	101470	101480	101490	101500	101510	101520	
Human	TAAAGTAGTTTAAATTTTTATATCTATTATAAAGTTAACTGCAGGAGTGTACCTGCAGTTAACTTTATACAGTTAAGAA								100355
Kakapo									50676
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

Majority	XX								
	101530	101540	101550	101560	101570	101580	101590	101600	
Human	GAGGTTGGTTTCAGTTTAAAGATTGTATGTCAAGTGTAAACATCCATTATTATGCTTTCAGTAAATAGCTCCTAAAA								100435
Kakapo									50676
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

Majority	XX								
	101610	101620	101630	101640	101650	101660	101670	101680	
Human	ATATGGATTACTATCAACTTTCAGGAAAATAGCTCCTAAAAATATGGATTACTACCAACTTTCAGGAAAATAGCTCCT								100515
Kakapo									50676
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

Majority	XX								
	101690	101700	101710	101720	101730	101740	101750	101760	
Human	AGAAATATGGATTACTAGCCACATAAATGCTAACATTGCTTTTATTATTATTATTATTATTATTATTATTAGACACAGTCTT								100595
Kakapo									50676
GoldenEagle									57960
JapaneseQuail									43432
MediumGroundFinch									32462
GoodesThornscrubTortoise									82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101770   101780   101790   101800   101810   101820   101830   101840
Human         GCTCTGTCACCCAGGCTGGAGTGCGGTGGTATTATCTCGGCTCACTGCAACCTCCACCTCTCGGGTTCAAGCAATTCTCC 100675
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101850   101860   101870   101880   101890   101900   101910   101920
Human         TGCCTCAGCCTTCCGAGTAGCTGGAATTACAGGCACCCACCACCCAGCTAATTTTGTATTTTGTAGTAGAGACAG 100755
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                101930   101940   101950   101960   101970   101980   101990   102000
Human         GGTTTTACCATGTGACCAGGCTGGTTTCGAACTCCTGACCTCAAATGATCCACCTGCCTCAGCCTCCCAAAGTCTGGGA 100835
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                102010   102020   102030   102040   102050   102060   102070   102080
Human         TTACAGGTGTGAGCCACCGCTCCAGCCTATTTGCTAATATTTAACCTCTTGAGAGTCTTTAATCTTTTTTTCAACAAG 100915
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                |102090|  |102100|  |102110|  |102120|  |102130|  |102140|  |102150|  |102160|
                |-----|
Human          TG TTCATTACCTGCTATGTGCCAGCTTAGATGCTTTGGATGAAATACAGGTTGGTGC GAAAGTAATTGCGATTTT TGCCG 100995
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                |102170|  |102180|  |102190|  |102200|  |102210|  |102220|  |102230|  |102240|
                |-----|
Human          TTAAAATTAGAAAAACCACAATTACTTTTGACCAACCTAAATAACTAAACACAATTTCTTCCTATCATGGGGCTTTC 101075
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                |102250|  |102260|  |102270|  |102280|  |102290|  |102300|  |102310|  |102320|
                |-----|
Human          GTTCAGTATGAGATAAGTAAAGAATTATATGGGTTGATAAATTTCTGGAGGA ACTATTGGGTGTTATTACAGTGTGCTC 101155
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                |102330|  |102340|  |102350|  |102360|  |102370|  |102380|  |102390|  |102400|
                |-----|
Human          AATCTTTAGCAGTTAGGAAAGGATTCTTGAAGGTAGTTGTATTACCTGGGTTGGAGGTAAGTGTGGGGACACAAGTGTT 101235
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                   43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                      82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              |102410| |102420| |102430| |102440| |102450| |102460| |102470| |102480|
              |-----|
Human          AGAAACAGAACAGTTTGTTTAAAGTTGGGGACAAAAAAGGACCAGAATCAAGATTACGGCACCTGGAGAAAGTTAAGC 101315
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              |102490| |102500| |102510| |102520| |102530| |102540| |102550| |102560|
              |-----|
Human          ATGGCTCGGTCATAAATTAGGAGACAAGGAACAAATAGAGAAATACGTTTGGATAGAATAGTCAGATTATAGGCTGTGCT 101395
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              |102570| |102580| |102590| |102600| |102610| |102620| |102630| |102640|
              |-----|
Human          AAGTTGTTTGGGCTCCACTAGGGTTTCTAAATGCAGTTATTGGTAAACTGGACTTAGGAGAAGGGACAGGGTTGACATGA 101475
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|
              |102650| |102660| |102670| |102680| |102690| |102700| |102710| |102720|
              |-----|
Human          CAAATCTAGTGAATTTATGTTTCATTAATAATATCCCTTTTGAATTGATTTAGTTTTTGTATGTTTCTTTTTATAATTCCA 101555
Kakapo        50676
GoldenEagle   57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              102730  102740  102750  102760  102770  102780  102790  102800
Human         AAAAATCATACAAATAAGTTAAACTTATCCATCTAAAAGCTGCACACAAAACCTTGATGTTAGATTCTTTTAAAATTACAA 101635
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              102810  102820  102830  102840  102850  102860  102870  102880
Human         AATTAAGACTTCCAAAAGAATCTTGTGAATAAGAGTAAAAGAAAGACCCTTACTCAGTAAAGCTGCGTAATACTTTGGC 101715
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              102890  102900  102910  102920  102930  102940  102950  102960
Human         AGTTTGAACCCATGGCCATGCCTCTCTGTGTGATAAGGATTTGGCAAACCATGGAAGAAACATGCATGTTTTTGAATTG 101795
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              102970  102980  102990  103000  103010  103020  103030  103040
Human         TCTTTCATGGTAACTTAAAACATTTTTTCATGAAACATGGATATATATCCTTAGAAAACGCAAAACATAAAGCTTGTA 101875
Kakapo       50676
GoldenEagle  57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                103050  103060  103070  103080  103090  103100  103110  103120
Human         AGTTATAAGACAAGATTTATCTCTTTTTTTTTTTTTTCTGAGAGAGAGTCTTGCTCTGTTGCCAGGCCGGAGTGCAACA 101955
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                103130  103140  103150  103160  103170  103180  103190  103200
Human         GTGTGATCTCTGCTCACTGCACCTCCGCTCCCGGGTTCAAGCAATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGACT 102035
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                103210  103220  103230  103240  103250  103260  103270  103280
Human         ACAGGCGTGTGCCCAAGCCCAGCTAATTTTTTGTATCTTTAGTAGAGACGGTTTCACCATGTTGCCAGGCTGGTCT 102115
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                103290  103300  103310  103320  103330  103340  103350  103360
Human         CGAACTCCTGACCTCAAGTGATCTACCTGCCTCAGCCTTCTAAAGTGTTGGGATTACAGGCATGAGCCATGGCACCCGGC 102195
Kakapo                                     50676
GoldenEagle                                     57960
JapaneseQuail                                 43432
MediumGroundFinch                             32462
GoodesThornscrubTortoise                       82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              103370  103380  103390  103400  103410  103420  103430  103440
Human         CAAGATGAAATGTCAAGGCCATTTTAGCCACTATGCTTTTAAGACTACTTAAAGCTGTGCTTTCAGGTCTCCCCAGGAAT 102275
Kakapo              50676
GoldenEagle       57960
JapaneseQuail     43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              103450  103460  103470  103480  103490  103500  103510  103520
Human         ACTTGTTCACTCTATACTATTGCTGCTGCTGTTCTGGCTTGAGAATTTTGAGAATCACTAAGATACAATTTTAAGTTTTG 102355
Kakapo              50676
GoldenEagle       57960
JapaneseQuail     43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              103530  103540  103550  103560  103570  103580  103590  103600
Human         ACATGTAAATTATTTGGTTGAGTAGAAAGAATTAATGTAGATAAGCAAAAACCCCTTTATAAAAAATGCTTACCCTTTAA 102435
Kakapo              50676
GoldenEagle       57960
JapaneseQuail     43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
              |-----|-----|-----|-----|-----|-----|-----|
              103610  103620  103630  103640  103650  103660  103670  103680
Human         AAAATGTTGAATCCTCACAGTATGATTAATACTACTTGTAAAAGTGTCTGTAAACCATAATGTATTTTTTAGATAATTT 102515
Kakapo              50676
GoldenEagle       57960
JapaneseQuail     43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946
    
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Majority
XX
103690 103700 103710 103720 103730 103740 103750 103760
Human GAGTAGAATTATACGTGCAATATATTCTTGAGTTGTGACCAACAAGAAACAGATTAATGATTGAAAATTCACCATACA 102595
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX
103770 103780 103790 103800 103810 103820 103830 103840
Human TTACTACCTATGTCTCTCCACCTGCTATCTACTTCCAATTTTTTATATATATAAAAGTCATTAAAGTCATTTGTAATTGA 102675
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX
103850 103860 103870 103880 103890 103900 103910 103920
Human GTTTGTTTTTTTTTCTTGAGACAGGGTCTCACTCTGTCAACCAGGCTGGAGTGCAAATGGCATGATCACAGCTCACTGCA 102755
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority
XX
103930 103940 103950 103960 103970 103980 103990 104000
Human GCCTCAACCTCCCAGGTTTCGATAGATCCTCCCACCTCAGTCCCCACAGGCATGCATCACCATGCCTGACTAGTTTTTGT 102835
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                104010   104020   104030   104040   104050   104060   104070   104080
                |-----|
Human          GTTTTTTTGTAGAGACAAGGTTTGGCCATGTTGCCAGACTGGTCTCAAACCTGGGCCAAAGCCATCCACCTGCCTCGGC 102915
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                104090   104100   104110   104120   104130   104140   104150   104160
                |-----|
Human          TTCCAATGTGCTGGGATTACATGTGTGAGCCACCACCCAGTCATGAGAATTATTTTAAATCAGGTAAACAAAATGTC 102995
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                104170   104180   104190   104200   104210   104220   104230   104240
                |-----|
Human          TGTGGGAATATTGAGCTTTATGATAGATACCTAAGTTTTCCCAAAATAAATTGTGTTAGCATTTCAGTGAATCACTATAC 103075
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority      XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                |-----|
                104250   104260   104270   104280   104290   104300   104310   104320
                |-----|
Human          TTAACCTAGAAATCTAGGTTACCAATAACAGTCTCTTTCAGGTTTTTTCTTTTCCTGTGTCTTTCTTTTACTAAAATC 103155
Kakapo                                               50676
GoldenEagle                                         57960
JapaneseQuail                                       43432
MediumGroundFinch                                   32462
GoodesThornscrubTortoise                           82946
    
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Majority XX
104330 104340 104350 104360 104370 104380 104390 104400

Human ATTCATAACTGGGATGACTTATGGAGTTGATACCTTAGGTCAAATCCAATTTAGAACTCCCAAAGCCTGTCAAATTT 103235
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946

Majority XX
104410 104420 104430

Human TGACACATACTTTAAATGAACTGTTATTGAGTAGATATA 103274
Kakapo 50676
GoldenEagle 57960
JapaneseQuail 43432
MediumGroundFinch 32462
GoodesThornscrubTortoise 82946