A

```
                                   Outer end                                                   Inner end

                                         1                 2                5
                                         2                 1                1
                                   8     9                 6                0                                        7          33
                                   0     |                 |                |                                        2          86   1
                                   |   111111111111111111222222222222   554444444443322222222111111          |          ||   |
                        111222234556677889112344444567799991122334446 9   318877664213299876329310009999988887666655554433 2
Position              278907904677101453412656604458529022467577845235 78   684054531675452716957112109532085438532054316375 15

Human Dup1            GCTCA-CTTAGGGAGCACA-CCATA-C--GTCAAGCAGGC+TGTGTGGCT...T-AGGTAACAAACAGGTGAGCCCGTGAAAAATCCA+CGCTTACTC++GA+
Human Dup2            ACT-GGGCTCAGAGCTGTG+TGAGA+TAAATTCGATGGAC+TGTGTGGCA...T-AGGTAACAAACAGGTGAGCCCGGTGG-CGCGGT-TTTCCTTAA-+A-+
Baboon Dup1           GCCCA-TTCAGGGAGCACA-CGGTC+C-AAGTCGATGAGT-CCCAGCATC...C+GAACCGTGGCGCCACTGGGCTAGTGG-CGCGGC-TTTCCTTAA--A--
Baboon Dup2           ATCTGGGCTCAAAGTTGTG+TGGTC+C-AAGTCGATGAGT-CCCAGCATC...C+GAACCGTGGCGCCACTGCGGCGTGAAAAATCCA+CGCTTACCT++AA-
```

B

```
                                                                   Outer end
                                                                                2
                                                   1                   2            3                          3                3
                                                   4                   0            6                          0                0
                                   5    7          2                   8            |                          2                8
                                   4    3          |                   |            2222222222222233333333313333333333333332333
                                   |    |111111111111111111111111111222222222229999999999999990000000000|00000000000000|000
                        111122334444445556679000111224667777778888899901112222333566778899999900011111255556666677777788 8
Position              146012369131346790192616348035560450123569014680489138178934598906836145679148045670257845678023458 3478

Marmoset Dup1         CCGCATGGACGCGACACAG-ATG+GGACTTGCC-TCAATGGTCACACATA+AGAGTGGCTC+CAGG-CAAGACTTGAATGCCAG+ATGTCAGAAGCCAT-ACG
Marmoset Dup2         CTATGCAACTCATGAGGTT+ACT+CCGTCGGGT+CTGTGAATTGTCTTCA-GAGAACCTGC-TGCCTCGCAGCCC-TTGGGTGG-GCAAT-AACTCTGT+GAC
Owl monk. Dup1        CCGCGTGGATGAGGCACAG+-TG-GGACCCGCC-CCAATGATCA-ACACC+AGAGTGGCTC+CACGTCAAGAGCTGGATGCTAA+ATGTCAACAGTCAC-AGG
Owl monk. Dup2        TTATGCAAATCATGAGGTT+AGT-CCGTCGAGC+CTGTGAACTGGCTTCA-GAGACCCTGT-TGCCTTGCAGCCC-TTGAGTGA-GCAAT-ATATCTGT+GAC
```

```
                                   Outer end                                                   Inner end
                                                                   3
                                3                                  3 8             2                          1            1       1
                                0                                  8 4             2                          8            8       1
                                9                                  0 0             3                          7            4       |
                        3333333333333333333333333333333333333333313|4444444   2242222222221111111111111111111711111111111181111111
                        00|1112222222222333333333444556666667777|822333344   22|2210000009999999999998888888|88888888888|8888888
                        8934480146899999001113799269670023990123029911290 4   6652106533009865433100099999888777766655554333332
Position              9296959720812789044588447742770327091314290919757 3   8370207730325409295076586530863621087398652195210 9

Marmoset Dup1         GA+TCGCACGATGGTGGTCCCTGCTACAAGACTCAAATTC+G+AACCACA...AC-A-CCCCAGGGACTCGGCGGTTGG-GCC-TCATTTGTTAG-A-GATG-
Marmoset Dup2         AT-TGGCACGATGGTGGTCCCTGCTACAAGACTCAAATTC+G+AACCACA...AC-A-CCCCAGGGACTCAGTATCAAATCAT+CTGCGCTACCT+GAAAGG-
Owl monk. Dup1        GA-CGTTCCTACGGCGGTCCCGAAGGTGGATGAGGGGGCG-A-TGTTGTC...GA+GGGTTTTCCAGTGGGTCGGTCAG-GCC-TCATTTGTTAG-A-GGTC+
Owl monk. Dup2        AT-CGTTCANGCATTCCCTGGGAAGGTGGATGAGGGGGCG-A-TGTTGTC...GA+GGGTTTTCCAGTGGGTCGGTCAG-GCC-TCATTTGTTAG-A-GGTC+
```

C

```
                                   Outer end                                                   Inner end

                                       2                 2        2                                   2
                                1      3                 4        4                                   8
                                |      9                 1        3                                   0                          64
                                2222322222222222228222222722222222222222222222222                      |                          81
                                3333|444444444444|444444|44444444444555556666666666   444443333333332222222222222221111111111  ||
                                8889900000000111112222233455556666789245561112224 5   2222085442111098665555432211099777554209774222111 1
Position                        4670901245689012461268916916780267427880311273494 2   9642351937760713627641373042794876305943502861532 1

Mouse Dup1                      -ATC-GCCTGGCTGGG-A+CAGCCG+CTAGGTACAGGAGG-GAGACATAC...AGATGCTCAGGGGTC-GGCAGA-GCTAGGATTGCCTCCTCA++CCGCCGC
Mouse Dup2                      -GTC-ATAGTCCTAGGAA-GGCCTA-CTGAAAATAGGAGG-GAGACATAC...AGATGCTCAGGGGTC-GGCAGA-GCTAGGATTGCCTCCTCA++CCTTCAC
Rat Dup1                        +ATT+ACCTGACTGGG-A+CAGTCA+AAAGGTGTT-AGTATACCCGGGCT...GTGGCTCTCACAACT+TTGGCTCA-AGAAG-CAGTCGTCAC--AATCGGG
Rat Dup2                        +GCC-GTGGTCGGGACAG-GGCCTG-CTGAAAACT-AGTATATCCGGGCT...GTGGCTCTCACAACT+TTGGCTCACAGAAG-CAGTCGTCAC--GATCGGG
```