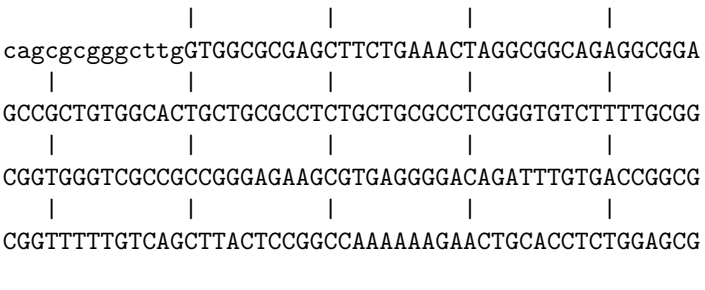
Exon 1| Start: 5001 | End: 5188



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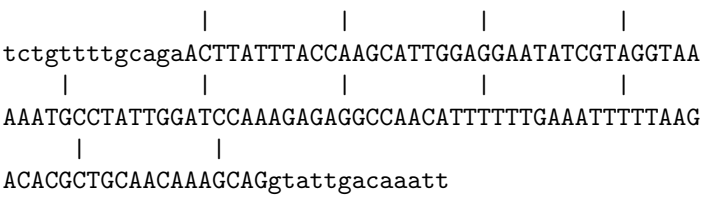
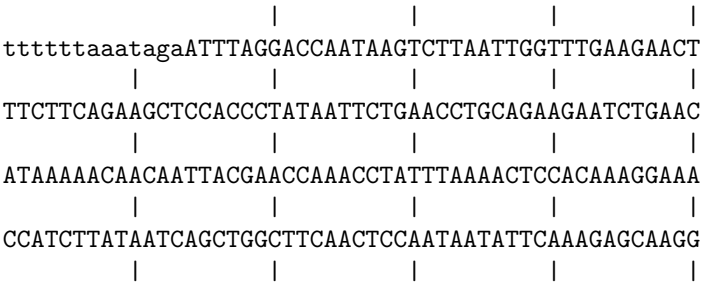
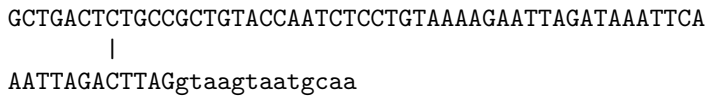
Exon 2| Start: 5943 | End: 6048

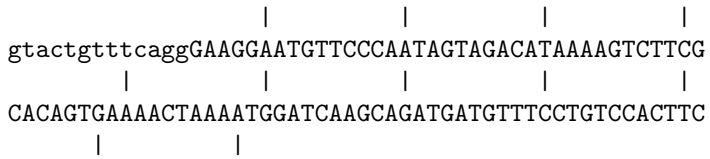


Exon 3| Start: 8598 | End: 8846

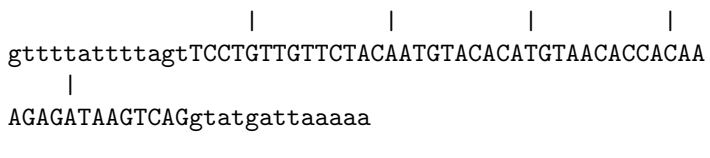




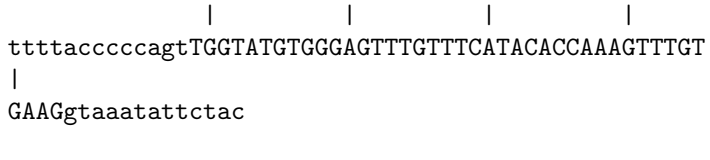
Exon 4| Start: 14597 | End: 14705



Exon 5| Start: 15622 | End: 15671



Exon 6| Start: 15763 | End: 15803



Exon 7| Start: 16020 | End: 16134

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 |          |          |
CCCACCCTTAGTTCTACTGTGCTCATAGgtaataatagcaa
```

Exon 8| Start: 18964 | End: 19013

```
                 |          |          |          |
tttatcttacagtTCAGAAATGAAGAAGCATCTGAAACTGTATTTCCTCA
   |
TGATACTACTGCTgtaagtaaatatg
```

Exon 9| Start: 20440 | End: 20551

```
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taatttttgcagaAATGTGAAAAGCTATTTTTCCAATCATGATGAAAGTC
   |          |          |          |          |
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         |          |
AATCAAAGAGAAGCTGCAAGTCATGgtaagtcctctgt
```

Exon 10| Start: 21793 | End: 22908

```
                 |          |          |          |
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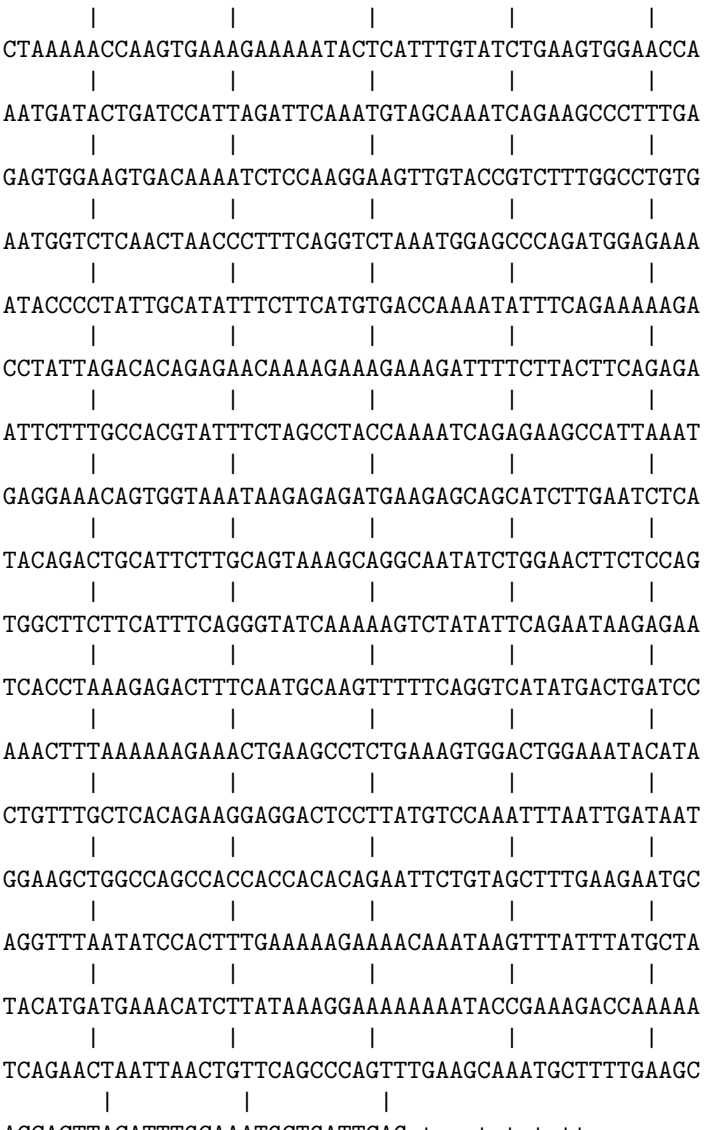
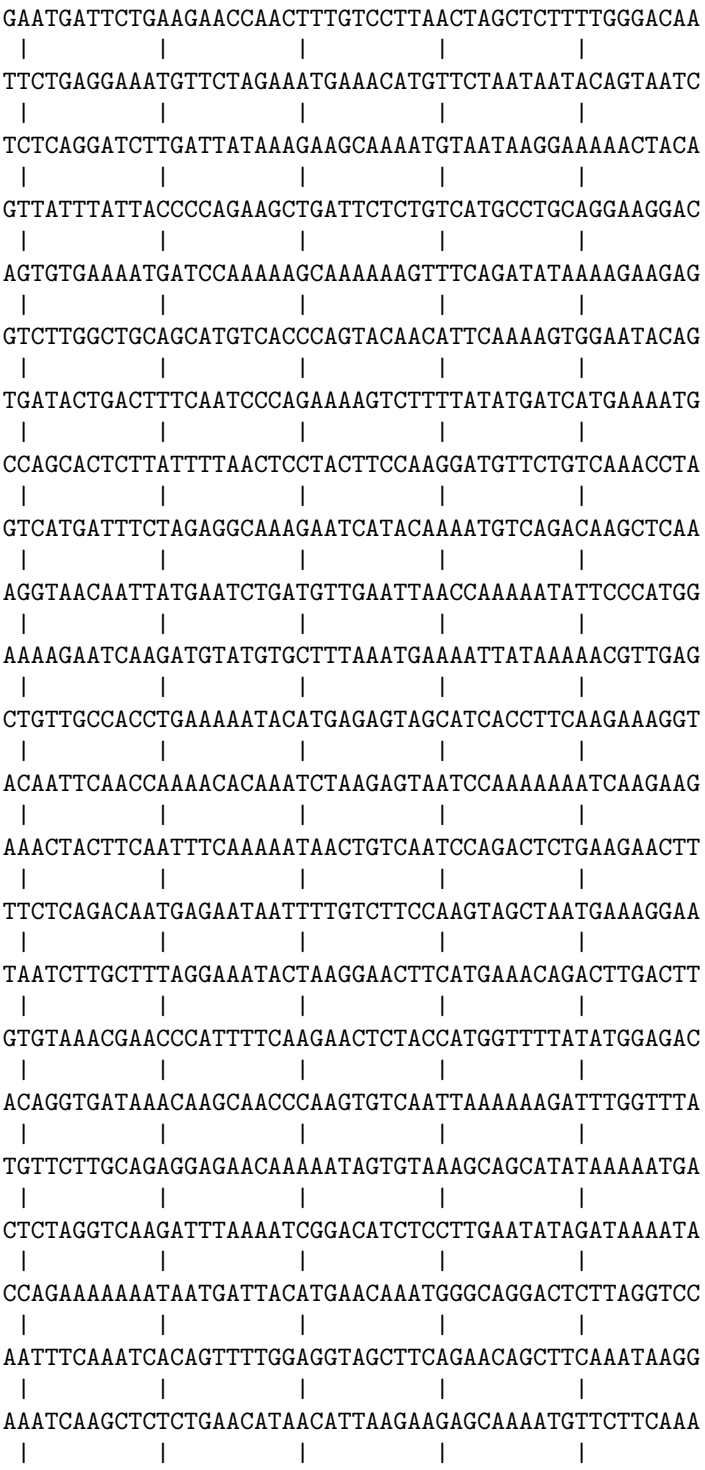


Exon 11| Start: 25786 | End: 30717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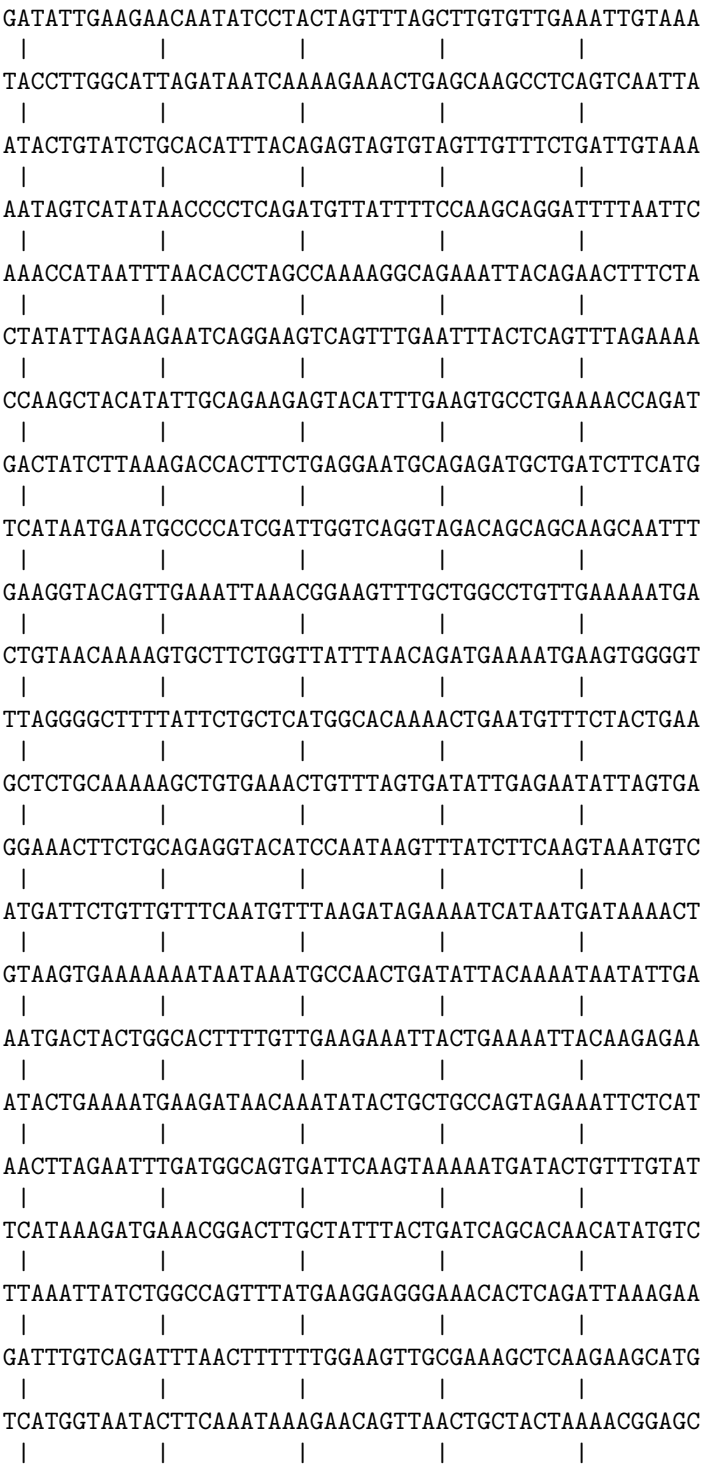
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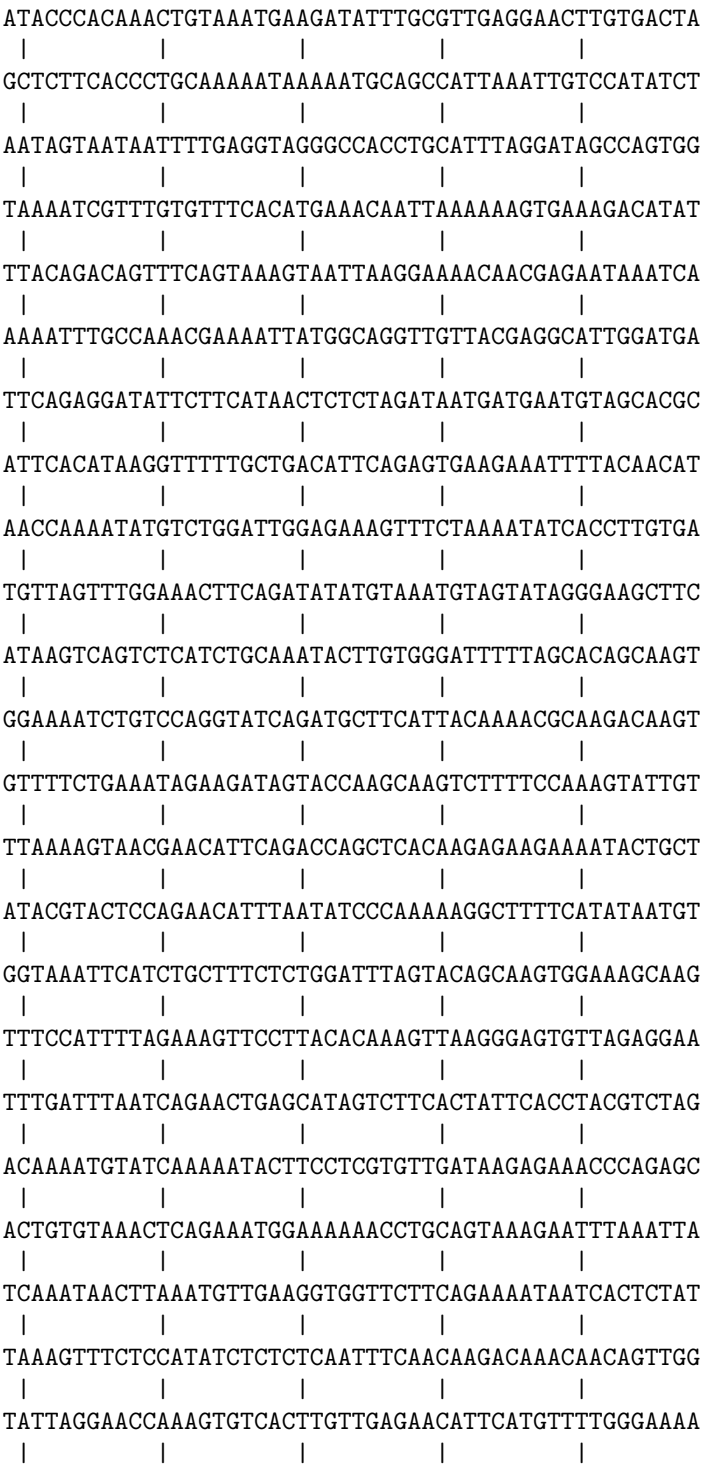
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 |          |          |          |          |
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 |          |          |          |          |
CACACATTCTCTTTTTACATGTCCCGAAAATGAGGAAATGGTTTTGTCAA
 |          |          |          |          |
ATTCAAGAATTGGAAAAAGAAGAGGAGAGCCCCTTATCTTAGTGGgtaag

tgttcatt
```

Exon 12| Start: 34079 | End: 34174

```
                     |          |          |          |
atttctttttaggGAGAACCCTCAATCAAAAGAAACTTATTAAATGAATT
          |          |          |          |          |
TGACAGGATAATAGAAAATCAAGAAAAATCCTTAAAGGCTTCAAAAAGCA
|
CTCCAGATGgtaaaattagctt
```

Exon 13| Start: 36348 | End: 36417

```
               |          |          |          |
attgtttcctaggGCACAATAAAAGATCGAAGATTGTTTATGCATCATGT
 |          |          |          |
TTCTTTAGAGCCGATTACCTGTGTACCCTTTCGgtaagacatgttt
```

Exon 14| Start: 44382 | End: 44809

```
                      |          |          |
tccccattgcagcCACAACTAAGGAACGTCAAGAGATACAGAATCCAAAT
```

```
 |          |          |          |          |
TTTACCGCACCTGGTCAAGAATTTCTGTCTAAATCTCATTTGTATGAACA
 |          |          |          |          |
TCTGACTTTGGAAAAATCTTCAAGCAATTTAGCAGTTTCAGGACATCCAT
 |          |          |          |          |
TTTATCAAGTTTCTGCTACAAGAAATGAAAAAATGAGACACTTGATTACT
 |          |          |          |          |
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 |          |          |          |          |
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 |          |          |          |          |
ATTAATGACAATGAGATTCATCAGTTTAACAAAAACAACTCCAATCAAGC
 |          |          |          |
AGCAGCTGTAACTTTCACAAAGTGTGAAGAAGAACCTTTAGgtattgtat

gaca
```

Exon 15| Start: 45949 | End: 46130

```
              |          |          |          |
attctttgatagaATTTAATTACAAGTCTTCAGAATGCCAGAGATATACA
   |          |          |          |          |
GGATATGCGAATTAAGAAGAAACAAAGGCAACGCGTCTTTCCACAGCCAG
   |          |          |          |          |
GCAGTCTGTATCTTGCAAAAACATCCACTCTGCCTCGAATCTCTCTGAAA
   |          |          |          |          |
GCAGCAGTAGGAGGCCAAGTTCCCTCTGCGTGTTCTCATAAACAGgtatg

tgtttgtc
```

Exon 16| Start: 47263 | End: 47450

```
                       |          |          |
tattttgtgtagcCTGTATACGTATGGCGTTTCTAAACATTGCATAAAAA
 |          |          |          |          |
TTAACAGCAAAAATGCAGAGTCTTTTCAGTTTCACACTGAAGATTATTTT
```

```
 |          |          |          |          |
GGTAAGGAAAGTTTATGGACTGGAAAAGGAATACAGTTGGCTGATGGTGG
 |          |          |          |          |
ATGGCTCATACCCTCCAATGATGGAAAGGCTGGAAAAGAAGAATTTTATA
|
Ggtactctatgcaa
```

Exon 17| Start: 52044 | End: 52214

```
                          |          |          |
ttatttgttcaggGGCTCTGTGTGACACTCCAGGTGTGGATCCAAAGCTT
  |          |          |          |          |
ATTTCTAGAATTTGGGTTTATAATCACTATAGATGGATCATATGGAAACT
  |          |          |          |          |
GGCAGCTATGGAATGTGCCTTTCCTAAGGAATTTGCTAATAGATGCCTAA
         |          |          |
GCCCAGAAAGGGTGCTTCTTCAACTAAAATACAGgcaagtttaaagc
```

Exon 18| Start: 52700 | End: 53054

```
                   |          |          |          |
tttcacttttagaATATGATACGGAAATTGATAGAAGCAGAAGATCGGCT
        |          |          |          |          |
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        |          |          |          |          |
CTGTGTTTCTGACATAATTTCATTGAGCGCAAATATATCTGAAACTTCTA
        |          |          |          |          |
GCAATAAAACTAGTAGTGCAGATACCCAAAAAGTGGCCATTATTGAACTT
        |          |          |          |          |
ACAGATGGGTGGTATGCTGTTAAGGCCCAGTTAGATCCTCCCCTCTTAGC
        |          |          |          |          |
TGTCTTAAAGAATGGCAGACTGACAGTTGGTCAGAAGATTATTCTTCATG
        |          |          |          |          |
GAGCAGAACTGGTGGGCTCTCCTGATGCCTGTACACCTCTTGAAGCCCCA
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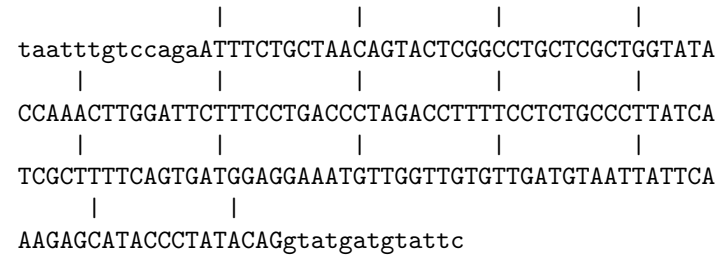
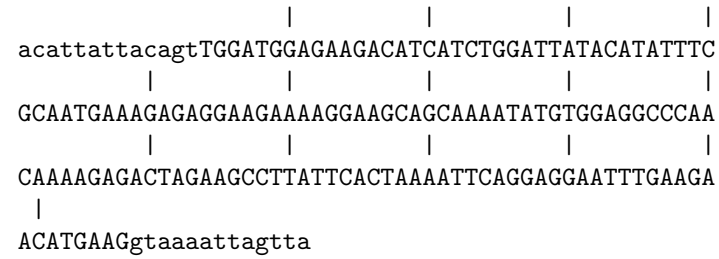
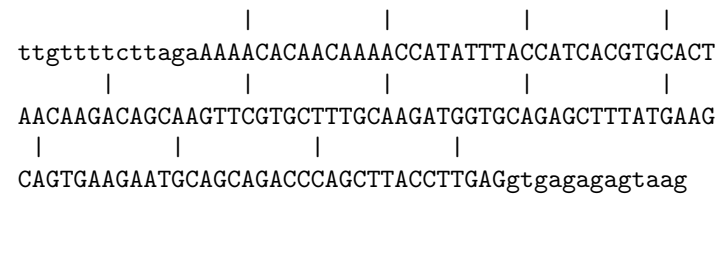
Exon 19| Start: 59923 | End: 60078



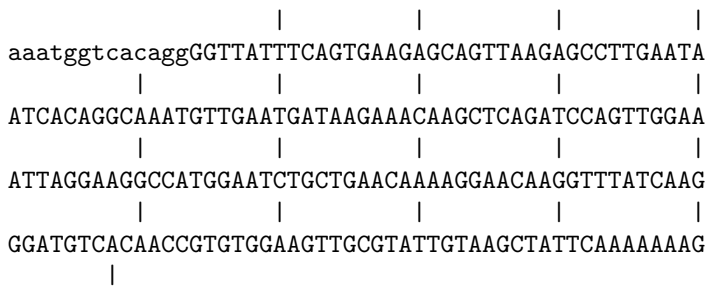
Exon 20| Start: 60477 | End: 60621



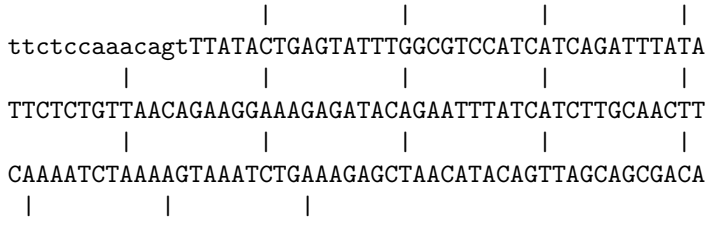
Exon 21| Start: 66191 | End: 66312



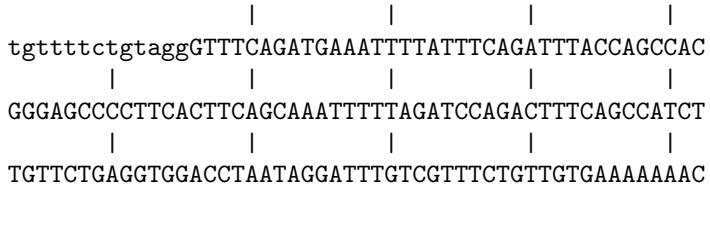
Exon 22| Start: 68838 | End: 69036



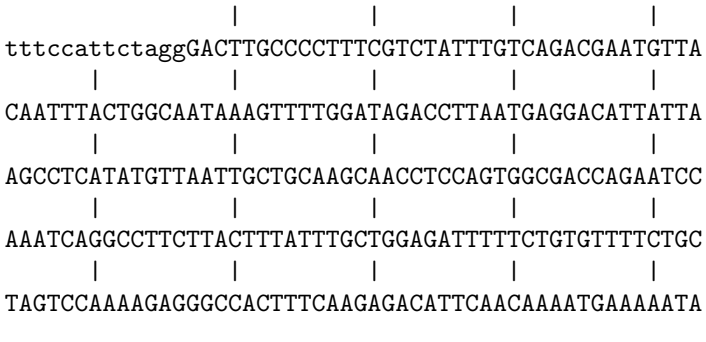
Exon 23| Start: 69271 | End: 69434



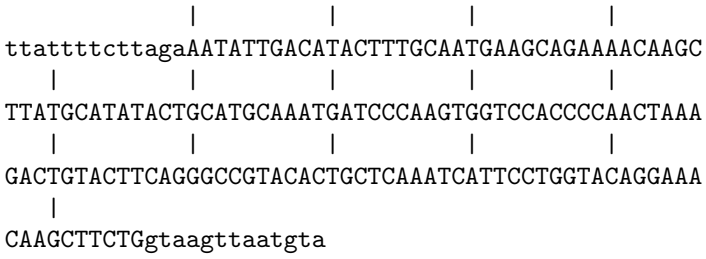
Exon 24| Start: 69528 | End: 69666



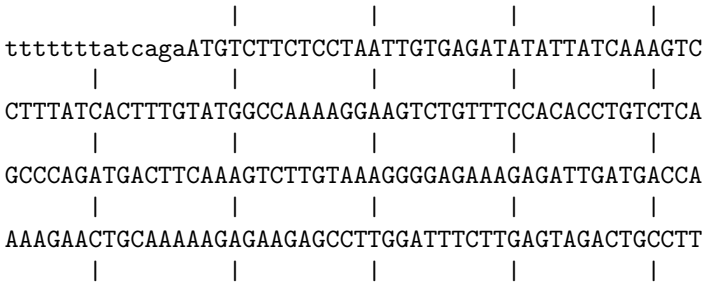
Exon 25| Start: 84210 | End: 84454

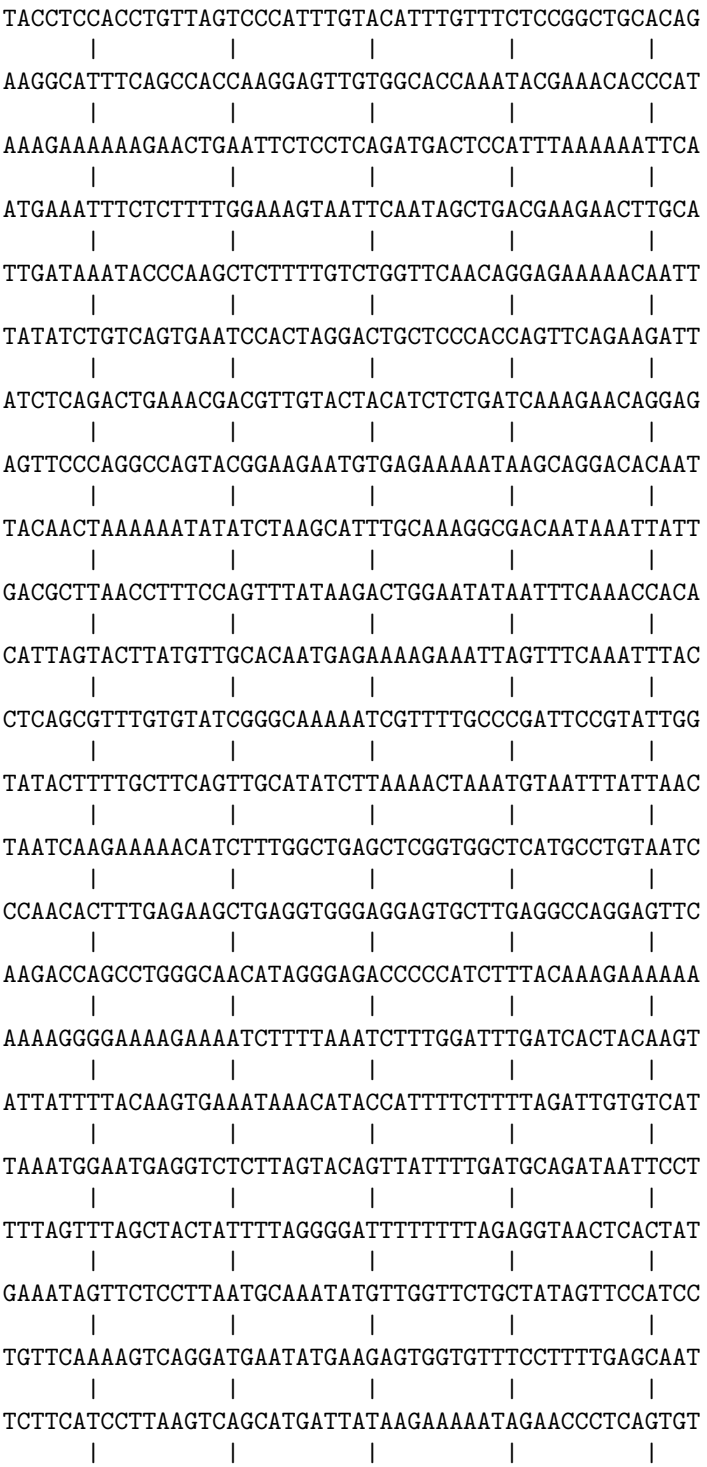


Exon 26| Start: 86419 | End: 86565



Exon 27| Start: 87683 | End: 89193

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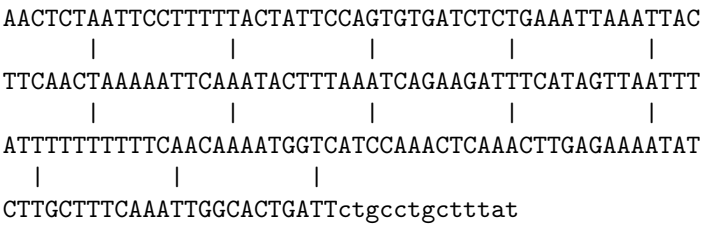
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