

8)TCTATTTCTTTCTCTGTTTTATTATCTCATTCTTGGCTGTGAGGTAAACAGGAGAAAATGA

```
TA      TCT      TATT      TTCT
TC  TTTCTT  CTGTTT  ATCTCA  T
||  |||||  |||||  |||||
AG  AAAGAG  GACAAA  TGGAGT  G
TA      ---      ----      GTCG
```

9)CAGCCCAGCGTCCCTGATTGGATAACTTCTAAGGTCTGCCCCGCAAACCTGAATGAAAGATGTGATCAGACGCTGGGC TG

```
CC      G  AA  C  ---  TCC  C
CAGCCCAGCGT  CTGATTG  AT  CTT  TA  AGG  TGC  C
|||||  |||||  ||  |||  ||  |||  |||
GTCGGGTCGCA  GACTAGT  TA  GAA  GT  TCC  ACG  C
--      G  --  A  AAG  CAA  C
```

10)CCCACCACTCTAACACTAAAGGCAGGAGTTCTGTTTTGTGATATGACTCTGCCTTTATAGTGGGGGCTCCTGTGGG

```
---CA  A  AC      AGTTCTGTT
CCCAC  CTCT  AC  TAAAGGCAGG      T
|||||  ||||  ||  |||||
GGGTG  GGGG  TG  ATTTCCGTCT      G
TCCTC  G  AT      CAGTATAGT
```

11)CTGGGTCTTGGCTGTACAGACCTCTGGGGCCAGGTCTCCGGTATGGGACCTTTGACAGCCGAGACTTAG

```
A  CCTCTG  G  G
CTGGGTCTTGGCTGT  CAGA  GG  CCGA  GTCT
|||||  ||||  ||  ||||  |||C
GATTCAGAGCCGACA  GTTT  CC  GGGT  TGGC
-  -----  A  A
```

12)CCTGTGGGCCAGACCTTTCCCTTCACACCTATCCATACCAGTGGGCCAGGAGTGAGGAAGAAGGGGCTGGAACCCAC TGG

```
T  -C  A  CC  A  ATC  A
CC  GTGGG  CCAG  CCTTTC  CTTTAC  CCT  C  TACC
||  |||||  ||||  |||||  |||||  |||  |  |||
GG  CACCC  GGTC  GGGAAAG  GGAGTG  GGA  G  GTGA
T  AA  G  AA  A  CCC  G
```

13)AGCACGGGGATGTAGATAGGCACACAGTTCACCTGGCCGTTCTCTGTTGCTGTCTGTCCCTGTCCACATCCTTCCCTGTG CT

```
----  A  C  CAGTTCACCTGGCC
AGCACGGGGA  TGT  GATAGG  ACA  G
|||||  |||  |||||  |||
TCGTGTCCCT  ACA  CTGTCC  TGT  T
TCCT  C  C  CTGTCTGTTGTCTCT
```

14)GCCCCCCCAGGAGGAGGCCAAGGCTGCTCTCCCTCCTTTGGGACGTCACCAGCCTCCTCCTGGGCAG

```
GCC  GC      CCAA  TG  TCCC
C  CCCAGGAGGAGGC  GGC  CTC  T
|  |||||  |||  |||
G  GGGTCTCCTCCG  CTG  GGG  C
---  AC      ACCA  CA  TTTC
```


34)GCCATGGGCCTTAATATGCTGTGAATCTCCCTCAGCTGTACAGCAGGAGGGGCCATCATAACATCCCAAAGGGTCCAGG
GC

```
      A      --AAT      C      ATC      -A
GCC TGGGCCTT      ATG TGTGA      TCCCTC      GCTGT
||| ||||| ||| ||||| ||| ||||| |||||C
CGG ACCTGGGA      TAC ATACT      GGGGAG      CGACA
      G      AACCC      A      ACC      GA
```

35)GAGCTGCCTGCCCTGGCCTCCTGGGAAGGTGGCTTCTTGCCGAGCCTCCAGGGTGGCCCAGGTAGGTAGGCC

```
      AG      CCT G C      AAGG      T
G CTGCCTGCC      G C TCCTGGG      TGGC T
| ||||| ||| ||| ||||| ||| C
C GATGGATGG      C G GGGACCT      GCCG T
      CG      ACC G T      CCGA      T
```

36)CTGGGGGTCCCAGGGGCTGGAGGCCTGCCTGGTTAGCCTCTGTTTCCCAGACATTGACTCGAGGCGCCTCCAGTCCCTCTC
AACCCCTG

```
      T      CCCA      CTGC T      CC      T
C GGGGGT      GGGGCTGGAGGC      C GGTTAG      TCTG T
| ||||| ||||| ||||| ||| T
G CCCCCA      TCCTGACCTCCG      G TCAGTT      AGAC C
      T      ACTC      CGGA C      AC      C
```

37)ACAGTGTGTACTAAGCAGGTGCTCAGCAAGTGCAGTGTGTACTTAGCAGGCACTTAGCAGGCGCACAGTGT

```
      G      A AAGC      CAGC
ACA TGTGT CT      AGGTGCT      AAGTGCAG
||| ||||| || ||||| |||||T
TGT ACACG GG      TTCACGG      TTCATGTG
      G      C ACGA      ACGA
```

38)GTGTGCTCTGCAGGCGCTTAGCAGGTGCACAGTGTGTATTTAGCAGGCACTCAGCTGACACACAGTGTGTATTTAGCAGG
CGCTCAGCAGGCACAG

```
      G      CTGCA      AGC      G      ATTTAGCAGG
TGTGCT      GGCGCTT      AGGTGCACA TGTGT      C
||||| ||||| ||||| |||||
ACACGG      TCGCGGA      TTTATGTGT ACACA      A
G      ACGAC      CGA      G      CAGTCGACTC
```

39)GTTTACTGAGGAACTCTGGTGGACCAGCCATGCAGCGAGGGGTCAGCTCAGCTCTTCTCATCAGGTCCTCAGTAAAC

```
      AC      - CC      CAT      AGCGA
GTTTACTGAGGA      TCTGGTG GA      AGC      GC      G
||| ||||| ||| ||| |||
CAAATGACTCCT      GGACTAC CT      TCG      CG      G
      --      T TC      ACT      ACTGG
```

40)CCCGGGGCCCTGAAGCCATCCCTGTCCCCTGTAGAGGGGATGCTCTCGTCTACTTCCCAGCTAGATAAAAGAGTCGCTC
CTCCAGGGCTGAGGTCGGGCTCCCTTGTCCCAGG

```
      C      CCT A      ATC      GTC      TA      AT      CGTCTACTTC
CC GGGGC      G AGCC      CCT      CCCTG      GAGGGG      GCTCT      C
|| ||||| | ||||| ||| ||||| ||||| |||||
GG CCCTG      C TCGG      GGA      GGGAC      CTCTC      TGAGA      C
      A      TTC C      GCT      GTC      --      GC      AAATAGATCGA
```


