```
     <------------I------------> <--III-> <--------------------------------V--------------------
                                        1111 11111111111111111111111111111111111111111111111111111
     11111122223334444555555555 99990000 11111122222222222233344444444445555555555556666666666
     05677724481183678002345567 56780122 66799927777788889992563444555567245567778889034445566677
     58645734713512619170405616 70442605 47347812456912480369957358023436856961012148552024262451 6

T064 GAAAACGGATTGCTTCGGTTGTGACG GGCAAATT GTCTTGTAGTGTGATACGGTCCGGGTCCATCAACAACGCATGACCCAACAAACCGC
TC22 .GC....C.CG.AC..CTCC..AG.. AT...... .......CAATGAGCCTA.CTT................A...........TGAAA.
T131 .GC...A.GC.T....CTCCAC.GT. AT...... .......CAATGAGCCTA.CTT............T.T.AGGTC.............
T124 .GC...A.GC.T....CTCCAC.GT. AT...... .......CAATGAGCCTA.CTT............T.T.AGGTC.............
TG40 .GC...A.GC.T....CTCCAC.GT. AT...... .......CAATGAGCCTA.CTT............T.T.AGGTC.............
TG55 A..TGTA..C.TACAGCTCC..AG.. A.AG.... .......CAATGAGCCTA.CTT..........GT.C.CAGG.CATTGGAG.GAA.A
TC103 A..TGTA.GC.T.CAGCTCC..AG.A AT...... AGTCCACCAATGAGCCTA.CTT............T.T.AGGTC.............
TC28 A..TGTA.GC.T.CAGCTCC..AG.A AT...... AGTCCACCAATGAGCCTA.CTT............T.T.AGGTC.............
TFF18 .GC....C.CG.AC..CTCCAC.GT. ........ .......CAATGAGCCTA.CTT..........GT.C.CAGG.CATTGGAG.GAA.A
TF127 ......................... ........ ............................................................
TF14 ......................... ........ ............................................................
TG44 .GC....C.CG.AC..CTCC..AG.. AT...... .......CAATGAGCCTA.CTT................A...........TGAAA.
TV400 ......AC.CG.A.AGCTCC..AG.. AT..G.C. .......CAATGAGCCTACCTT................A...........TGAAA.
TG57 ......AC.CG.A.AGCTCC..AG.. AT..G.C. .......CAATGAGCCTACCTT................A...........TGAAA.
T077 A...GTA.GC.T.C..CTCCAC.GT. ..AGGGCC .......CAATGAGCCTA....................................
TG48 A...GTA.GC.T.C..CTCCAC.GT. ..AGGGCC .......CAATGAGCCTA....................................
TD29 A..TGTA..C.T.CAGCTCC.C.GT. A.AG..C. AGTCCACCAATGAGCCTA.CTTAAACATGCTGGT.C.CAGG.CATTGGAG.GAA.A
TG46 A..TGTA.GC.T.CAGCTCC..AG.A A.AG..C. AGTCCACCAATGAGCCTA.CTTAAACATGCTGGT.C.CAGG.CATTGGAG.GAA.A
T107 A......C.CG.AC..CTCC..AG.. AT...... .......CAATGAGCCTA.CTT...........................TGAAA.
TE26 A..TGTA..C.TAC..CTCCAC.GT. .....GCC .......CAATGAGCCTA.CTT...............................

T064 ENKE-TAVSIL-IHSDLVGLKDETFK EAAELDIV KTNFTDYTS-AS-S-T-GKHSYPKGIL-I-TENYYKYA--NEKAHTEN-DEKT-RA
      SQD-ATLGTV-  TE       A     E  G A      N  K-SA-G-P- N     ETI-A-I D FT E--KDQE  GE-GD K- E
               F                                                                Q

     -----------> <------------VII------------> <-------------IX-------------> <---XI---><XIII>

     1111222222222 22222222222222222222222222 3333333333333333333333333333333 4444444444  445
     6888111111111 55555555666666666666677777888 8111111112222456667777777777788 8 1111444555  772
     8099112223334 00124440011223334567556781334 0445678901193725923355777889112 0011599224  892
     4157251778120 78111451479352451938193257572 8183642577858154590807134162693 4706638241  831

T064 GATGCCCCGAGG TTTACCGATAAGGGTCACACTAACCCCAA GCCGCTCAAGCCAATGAAAACAACTGTAGGA ACTCATCACG  TGA
TC22 .GCA........ ........C..........ACGGTTTTTC .TAAAGTTTAA...CATCG.AGGAAAGGAAT ......GGGA  ...
T131 .GC......... CCCG....C..................... .TAAAGTTTAATG.C....G........... GGCTCA.GG.  ...
T124 .GC......... CCCG....C..................... .TAAAGTTTAAT..CATCG.AGGAAAGGAAT .....A.GGA  CA.
TG40 .GC......... CCCG....C..................... .TAAAGTTTAATG.C....G........... GGCTCA.GG.  ...
TG55 A........... .......GC...................... ...................G........... ..........  C..
TC103 .GC......... ...GTGCGC...........C.GT..... .TAAAGTTTAATGTCATCG.AGGAAAGGAAT .....A....  C..
TC28 .GC......... ...GTGCGC...........C.GT..... .TAAAGTTTAATGTCATCG.AGGAAAGGAAT .....A....  C..
TFF18 A........... ....TGC.C..................... ............G.CATCG.AGGAAAGGAAT GGCT...GG.  ...
TF127 ............ ............................... ............................... ..........  ..G
TF14 ............ ............................... ............................... ..........  C..
TG44 .GCA........ .......GC..........ACGGTTTTTC A...........GTCATCG.AGGAAAGGAAT GGCT..GGGA  ...
TV400 ..C......... ........C..........AC.GT.T... .TAAAGTTTAAT..CATCG.AGGAAAGGAAT .......GGA  CA.
TG57 ..C......... ........C..........AC.GT.T... .TAAAGTTTAAT..CATCG.AGGAAAGGAAT .......GGA  CA.
T077 .GC......... ....TGCGC..................... .TAAAGTTTAAT..CATCG.AGGAAAGGAAT .....A.GGA  ...
TG48 .GC......... ....TGCGC..................... .TAAAGTTTAAT..CATCG.AGGAAAGGAAT .....A.GGA  ...
TD29 AGC......... CCCG....CGCAAAAGGACAC.G.T.... ............................... .......GGA  ..G
TG46 AGC......... CCCG....C....AAGGAC.C.GT.TTTC A...A....AAT.......G........... GGCT...GGA  ...
T107 .GCATTATCGCA CCCG....C..........AC.GT.TTTC A...AGTTTAA.GTCATCG.AG....G.... GGCT...GGA  C..
TE26 .GCATTATCGCA CCCG....CGCAAAAGGAC.CGGTTTTTC A...AGTTTAAT.......G........... ......GGGA  C..

T064 ENIVDFPIES-A V-ATYLEVTK-E-D-QKQNTSNENLYDKI EDQKQDTEKA-LKMLEHKNKNTAA-EAQKVT ALPFIMLT-G  VNK
     KDTI    QA-T A- A  Q  D-K-K-EEKTN S     ML   K KEIDNK-F L  LND KA E-K    S     LKVA-E   SE
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