

Can\_1\_in\_F8 : CGAACACAGCTTTTAAAGGAAAGACACCGGGATCCCTGG-TGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCCGGGGCACGATCCTGGAGACCCGGGATCGAATCCACAGTCGGGCTCCCAGTGCATGGAGCTTGCCTTC

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chr4 32931588 : CGTGAGATGCCTGAGGAAAGAAAGTTTCAAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCCGGGGCACGATCCTGGAGACCCGGGATCGAATCCACAGTCGGGCTCCCAGTGCATGGAGCTTGCCTTC

chr12 42108376 : AGAAGAATTTTTTAAATATGAAATACCTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCCGGGGCACGATCCTGGAGACCCGGGATCGAATCCACAGTCGGGCTCCCAGTGCATGGAGCTTGCCTTC

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chr16 57112821 : TCCCCTCTGCCTGTGTCTCTGCCTCTCTCTCTCTCTCTGTGACTATCATATAAATAAAAGTTAAAAAATTTAAAAAAGAAATTCAGTGTGAGATCTGGCTGTCCACATCTGGC

chrUn 26084 : TCCCCTCTGCCTGTGTCTCTGCCTCTCTCTCTCTCTGTGACTATCATATAAATAAAAGTTAAAAAATTTAAAAAAGAAATTCAGTGTGAGATCTGGCTGTCCACATCTGGC

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[illegible]

Can in ASIP :  
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Can in ASIP : TCAGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGC-----CTCTCTCTCTCTCTCTC--  
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 CM021970.1:45110505: TCAGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGC-----CTCTCTCTCTCTCTCTCTC--  
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 CM021970.1:45110505: CCACTCTGGTGGGCTTTCTTACATAGTGAGCTTTCTGCAACATTTTATGCTCAAACCTTCATGGTTA  
 CM021969.1:60195958: ATTCTTGTAAACTCCAATTAGTAATTTGAAAGAGACCTTACAGCATCTCTGTACCAGAGACTTAGAGTT  
 CM021970.1:41526014: TTGTGCTACTCAATAATCTTCCATAAATGCTCTGGAGCAGCAACAAAAACAGCTGACATCAAAAAC  
 CM021962.1:70217506: AATTTGACAAATCCAATATGCATTATTATACACAAAAAACTCTCTCAGGAAATAAGGTATAGAG  
 CM021980.1:44692371: AAGAGTCCAAAGTTAATGAGGATTTCTTCTTGAATGTTGTCTGAGAGAAAGACCTTCTCTGCC

D

Can\_in\_ATP1B2 :TCCCTCTGCCTGTGTCTCTGCCTCTCTCTCTCTCT--GTGACTATCATGAATAAAATAAAATAAAA-TCTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGAGAGGAGGATGAAGGCTAGGGAGGAGG

chr36\_14925349 :TCCCTCTGCCTGTGTCTCTGCCTCTCTCTCTCTCT--GTGACTATCATGAATAAAATAAAATAAAA-TCTTTTAAAAAAAAAAAAAATAGGGTCTTTCTTAAAGAGACAAGCAGGAGCCAGTAAATTTCTAGT

chrX\_19953333 :TCCCTCTGCCTGTGTCTCTGCCTCTCTCTCTCTCTCTGTGACTATCATGAATAAAATAAAATAAAA-TCTTTTAAAAAATAAAAAATAAATAAAAAAATAAAATGAGGTTGAGAGGCCCTGAAGGGGGAGCT

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chr7 776392 : TC CCTCTG CCTGTG TCTCTG CCTCTCTCTCTATCTGTGTGACTATCATAAAATAAATAAAAAA TTA AAAAAAAAAA TTTCTTTTAAATCAGGTGTGTTTCTTTTCTTAGAAGGAGAGTGTCTGGGG -----
chr10 46880259 : TC CCTCTG CCTGTG TCTCTG CCTCTCTCTCTATCTGTGTGACTATCATAAAATAAATAAAAAA TTA AAAAAAAAAA TTTCTGTCTTTTATCATTTAGGGAAAGTGATCTTTGGCCGACGAGGAGAGCAT -----
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**F**

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chr34 282972 : TCCCTCTGCGCTGTGTCTCTGCGCTCTCTCTCTCTCTCACTGTGTGCCTATCATAAATGAATAAAAGTTTAAAAAAAAATTTTAAAAAAAAAGACTTTTAAAGATCTATCTTAATGTAAAAACATTAGTTGGGAG
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## G

Can in FAM161 : CTTTCCTTTTCACTCTTTCTAAATCAAAATAAAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021962.1:34955691 : TAATCAAAGACTCACATGAAATGAAAAATAATGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021986.1:11818367 : ATTTTCATCTtttttAAGTTAAAAAATAAAACCGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021983.1:36632009 : CTTTCAGGTAttatTAAGAATAACTATGAACGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021964.1:13942518 : AGATGCAGAGCATTATTCAAGAGTTGATAATTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021972.1:8203613 : ATAAAGATGGTTGATTTTAGAAAAACAACCTGCTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021972.1:38978442 : CGGTAATAATGCAGATGTAAGAATGTTTATAGTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021975.1:12729399 : AAGGCATAACACACTTTAATAAAAAATAGATCAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021969.1:33998971 : CCTGGGTGGCGCATGGGATCCCTGGGTGGCGCAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021971.1:57427098 : CACAGTGCTAAAAATAGTAGTTAAAAATAGTTCAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021965.1:63222756 : GGTGGCATATCTCTGCTTAAAAACAATATGGTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021970.1:45571260 : GATACCAAGAAGTGGTGAAAAAGCACAACTAAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM022000.1:57918954 : AACCAATTAGCCAACTTTATTAAGAAAGAGAGAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021965.1:57990141 : AGTATGTTTTCTCTTTTGTAAAAAGGCACATTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021987.1:23159322 : TGTGCAGTACTTGAATTAATAAGACAAAGAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021963.1:53601695 : AATATTACAGCTCACAAAAGAACACCTAAACTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021991.1:3332171 : AATTTACATATCCTCATTAAAGAACACAGACTAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021981.1:4892108 : CCACACAAAGTATCATTAAAAAAGAAAGAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021986.1:37118882 : TCTCAGTAATTTGCTATAAAGACAGCGATTAGCGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021976.1:16004606 : CTTGGTTGGGGCTTGCTCAAAACCTAAGGCAGAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021998.1:22750779 : TGATCGGAGAAGGTCACTCAGAAAGAGGTGTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021970.1:17501127 : ATGGATATTTTATACATAGAACACAACTGCTTAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021963.1:135702036 : ATATAGAAATCTAGATTGAATTAACCTTTTCTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021972.1:32305978 : CATTTATTTGGACACTTTTTTAAAAATCTATTTAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021983.1:53301297 : ATAGTATGGAGTTTCTTCAAAAATTAATAAATAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021968.1:10325141 : ATTTTATTTTATTTTTAAATTTTGTTTTTTTAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021964.1:30661009 : GTGGTCTCTGAAATATTTATAAAAACCTGCTGTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021978.1:18216705 : TTACCTCTTCTTTACGTAAAAAAATTTGTGTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021966.1:47327703 : CTAATAAAGTTTGTATTGAAAGCTAAAAATCGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021970.1:55413363 : GGGTTGGAGCCCTTCTTAAGACCACAGCATTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021966.1:60666245 : CACATTCGTTGCAAAATGTTTAAAAATTTTCTACGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021998.1:2561342 : AGAATTAACAAGATTTCATGAAACTAATGATAAGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021966.1:57346575 : CTTACATTACATATACAAAATCTAAATAATTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM022000.1:5548874 : GGTATGCACAGGATCTCAAAATGCATGTTTCCCGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021987.1:24241989 : ACTGGAACAGGAAGAAATAGAAAACCTTTAACAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

CM021989.1:1299907 : TGTCAATAATTTGTTGTTTAAAGTCACCACTCTAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

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CM021969.1:31664805 : AGATTTTATTTATCTTTTTTAAAGTAATCTCTCGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTTTGGCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACATCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCT

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chr15:39588710-39589283 : TTCTTGCACTACCTATTATATATTCTTCAAGGTCAAAAAGTGAAGTCTAGTTATTTTTTAAATGTTGATATGAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTT

chr7:62448662-62449235 : TAAATCTGGATGAAGGGGATATGGGAGTTTATCTTGAACCTCTTCTGAAGTCTTTGAAATGTTTCCAAATAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTT

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chr31:24350903-24351477 : AAAAAAATAAATAATGTTCTTCTCAAGTGAAGAGTTAGTAAGCTTTGAAATGTTTCCAAATAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTT

chr9:38181488-38182061 : TCCTGAAATATGAAATATTTGGTCATAATACCACCTCTTTTTTTTTTTTTTAAAGATTTATTTATTTAGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTT

chr19:22328635-22329209 : GCCTCAGTGTAGTGACCTATGTTCCGGAAGGTTAATATGTGCCAGCAATGAGCGTCTGTAAGGCACAGCTTGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTT

chr7:12912291-12912864 : GGGGTGGAGGGCATAGGCAGTGAAATCTAGGACAGAGAAATTACCCTAGGTTCTTAAATCAGCAAGAGACCCTGGGGATCCCTGGGTGGCGCAGCGGTTTGGCGCCTGCCTT

# Can in SILV

chr1:113871832-113872406 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

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chrX:24155953-24156527 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr6:64255883-64256457 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr6:20337906-20338480 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chrX:56731204-56731778 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr10:51773037-51773611 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr8:35944961-35945534 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr18:17868194-17868767 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr7:47465084-47465658 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

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chr32:14385689-14386262 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

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chr27:3057190-3057763 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr12:35677164-35677737 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr4:27401883-27402456 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chrX:103869600-103870173 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

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chr2:8763851-8764425 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr31:24350903-24351477 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr9:38181488-38182061 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr19:22328635-22329209 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

chr7:12912291-12912864 : TGGCCCAGGGCGCGATCCTGGAGACCCGGGATCGAATCCCACGTCGGGCTCCCGGTGCATGGAGCCTGCTTCTCCCTCTGCCTGTGTCTCTGCGCCTCTCTCTCTCTCTC

