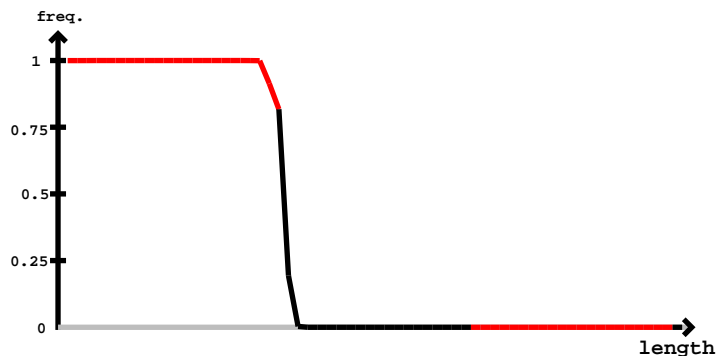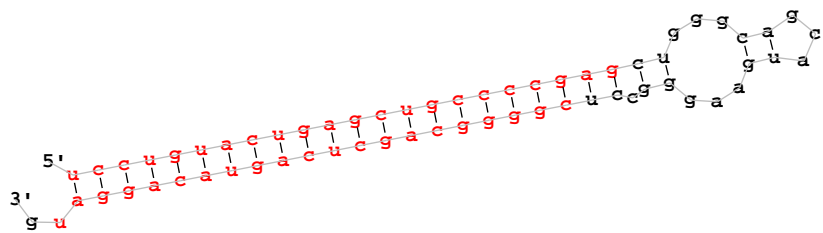miRBase precursor : hsa-mir-486-2
Total read count : 9728765
hsa-miR-486-5p read count : 9728757
hsa-miR-486-3p read count : 1
remaining reads : 7

hsa-miR-486-3p

hsa-miR-486-5p

```
5'- uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug  -3'   exp
    (((((((((((((((((((((((...((...))...)).))))))))))))))))))))))..   reads    mm        sample
    uccuguacugagcCgccc.............................................    2        1         Z3_
    uccuguacugagcugccA.............................................    3        1         Z3_
    uccuguacugagcugccU.............................................    33       1         Z3_
    uccuguacugCgcugccc.............................................    1        1         Z3_
    Cccuguacugagcugccc.............................................    1        1         Z3_
    uccuguacugagcugccc.............................................    61       0         Z3_
    uccuguacCgagcugccc.............................................    1        1         Z3_
    Cccuguacugagcugcccc............................................    3        1         Z3_
    uccuguacugagcugcccU............................................    48       1         Z3_
    uccuguUcugagcugcccc............................................    1        1         Z3_
    ucUuguacugagcugcccc............................................    2        1         Z3_
    uccCguacugagcugcccc............................................    2        1         Z3_
    uccuguacugaAcugcccc............................................    2        1         Z3_
    uccuguacugagcCgcccc............................................    1        1         Z3_
    uccGguacugagcugcccc............................................    1        1         Z3_
    uccuguacugagcugcccA............................................    14       1         Z3_
    uccuguacugagcugcccG............................................    72       1         Z3_
    uccuguGcugagcugcccc............................................    1        1         Z3_
    uccuguacugagcugcccc............................................    286      0         Z3_
    uccuguacugGgcugcccc............................................    1        1         Z3_
    uccuguacugagcugccGcg..........................................     3        1         Z3_
    uccuCuacugagcugcccg...........................................     2        1         Z3_
    ucUuguacugagcugcccg...........................................     54       1         Z3_
    uccuguacugUgcugcccg...........................................     55       1         Z3_
    uccuguacugagcGgcccg...........................................     13       1         Z3_
    uccuguacuAagcugcccg...........................................     77       1         Z3_
    ucAuguacugagcugcccg...........................................     29       1         Z3_
    uccuguCcugagcugcccg...........................................     14       1         Z3_
    uccuguUcugagcugcccg...........................................     12       1         Z3_
    uccuguacugagcugccAcg..........................................     28       1         Z3_
    uccuguGcugagcugcccg...........................................     136      1         Z3_
    uccuguacAgagcugcccg...........................................     55       1         Z3_
    uccugGacugagcugcccg...........................................     6        1         Z3_
    uccuguaGugagcugcccg...........................................     6        1         Z3_
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hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

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uccuguacugagcugcccAg....................................... 26      1   Z3_
uccuguacugagcugccccg....................................... 59021   0   Z3_
uccuguacugagcuUccccg....................................... 6       1   Z3_
uccuguacCgagcugccccg....................................... 245     1   Z3_
uccuguacugagcugccccA....................................... 5641    1   Z3_
Cccuguacugagcugccccg....................................... 380     1   Z3_
uccuguacuUagcugccccg....................................... 14      1   Z3_
uccuguacuCagcugccccg....................................... 2       1   Z3_
uccuguacugagcugcGccg....................................... 2       1   Z3_
uccuguacugagcugcccUg....................................... 137     1   Z3_
uccuguacugagGugccccg....................................... 9       1   Z3_
uccuguacugGgcugccccg....................................... 303     1   Z3_
Gccuguacugagcugccccg....................................... 33      1   Z3_
uccuguacugagcugcccGg....................................... 34      1   Z3_
uccuguacugagcugGcccg....................................... 8       1   Z3_
uccuguacugaUcugccccg....................................... 8       1   Z3_
uccugCacugagcugccccg....................................... 167     1   Z3_
ucGuguacugagcugccccg....................................... 3       1   Z3_
uccCguacugagcugccccg....................................... 326     1   Z3_
uccuguaAugagcugccccg....................................... 16      1   Z3_
uccuguacugagUugccccg....................................... 112     1   Z3_
uccuguacugagAugccccg....................................... 11      1   Z3_
uccuguacugagcugccccC....................................... 529     1   Z3_
uUcuguacugagcugccccg....................................... 61      1   Z3_
uccuguacugaCcugccccg....................................... 7       1   Z3_
uccuguacugagcugUcccg....................................... 96      1   Z3_
uAcuguacugagcugccccg....................................... 20      1   Z3_
uccGguacugagcugccccg....................................... 19      1   Z3_
uccuguacugagcugcAccg....................................... 18      1   Z3_
uccuguacugCgcugccccg....................................... 6       1   Z3_
uccugAacugagcugccccg....................................... 29      1   Z3_
uccuguacugagcugccUcg....................................... 98      1   Z3_
uGcuguacugagcugccccg....................................... 10      1   Z3_
uccuguacugaAcugccccg....................................... 83      1   Z3_
uccuUuacugagcugccccg....................................... 7       1   Z3_
uccAguacugagcugccccg....................................... 93      1   Z3_
uccuAuacugagcugccccg....................................... 98      1   Z3_
uccuguacugagcugAcccg....................................... 12      1   Z3_
uccuguacugagcAgccccg....................................... 59      1   Z3_
uccuguacugagcugUccg........................................ 99      1   Z3_
uccuguacGgagcugccccg....................................... 24      1   Z3_
uccuguacugagcugccccU....................................... 1092    1   Z3_
uccuguacugagcCgccccg....................................... 296     1   Z3_
uccuguaUugagcugccccg....................................... 72      1   Z3_
uccuguacugagcCgccccga...................................... 402     1   Z3_
uccuguacugagcuUccccga...................................... 10      1   Z3_
uccuguacugagcugccccAa...................................... 138     1   Z3_
uccuguacugagcGgccccga...................................... 18      1   Z3_
uccuguacugagcugcAccga...................................... 25      1   Z3_
uccuguacugCgcugccccga...................................... 15      1   Z3_
uAcuguacugagcugccccga...................................... 31      1   Z3_
uccuguacugagcugccccCa...................................... 34      1   Z3_
uccAguacugagcugccccga...................................... 167     1   Z3_
uccugAacugagcugccccga...................................... 53      1   Z3_
uccuguacugagcugccUcga...................................... 126     1   Z3_
uccugGacugagcugccccga...................................... 17      1   Z3_
uccuguacugagcugcccAga...................................... 45      1   Z3_
uUcuguacugagcugccccga...................................... 114     1   Z3_
uccuguacugUgcugccccga...................................... 74      1   Z3_
uccuguacugagcugccccgC...................................... 180     1   Z3_
uccuguacugagcugUcccga...................................... 145     1   Z3_
ucAuguacugagcugccccga...................................... 46      1   Z3_
uccuguacugagcugcccUga...................................... 198     1   Z3_
uccuguacugagcugccccgU...................................... 1687    1   Z3_
uGcuguacugagcugccccga...................................... 15      1   Z3_
uccuUuacugagcugccccga...................................... 8       1   Z3_
uccuguacugagcugccccgG...................................... 677     1   Z3_
uccuguCcugagcugccccga...................................... 12      1   Z3_
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hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

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uccuguacugagcugGccccga..........................................    26      1    Z3_
uccuguacugagcugccGcga...........................................    4       1    Z3_
uccuguacAgagcugccccga...........................................    110     1    Z3_
uccuguacugagcugcGccga...........................................    7       1    Z3_
Gccuguacugagcugccccga...........................................    56      1    Z3_
uccuguacugagcugccccUa...........................................    38      1    Z3_
uccuguUcugagcugccccga...........................................    26      1    Z3_
uccuguacugaCcgccccga............................................    8       1    Z3_
Cccuguacugagcugccccga...........................................    548     1    Z3_
uccuguacuUagcugccccga...........................................    9       1    Z3_
uccuCuacugagcugccccga...........................................    3       1    Z3_
uccuguacugagcgUccga.............................................    186     1    Z3_
uccuguaAugagcugccccga...........................................    32      1    Z3_
uccugCacugagcugccccga...........................................    280     1    Z3_
uccuguacugagcugcccGga...........................................    40      1    Z3_
uccCguacugagcugccccga...........................................    531     1    Z3_
uccuguacGgagcugccccga...........................................    26      1    Z3_
uccuguacugagAugccccga...........................................    22      1    Z3_
uccuguacugaUcugccccga...........................................    17      1    Z3_
uccuguacugagGugccccga...........................................    19      1    Z3_
uccuguacCgagcugccccga...........................................    350     1    Z3_
uccuguGcugagcugccccga...........................................    195     1    Z3_
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uccuguacugGgcugccccga...........................................    472     1    Z3_
uccuAuacugagcugccccga...........................................    150     1    Z3_
ucUuguacugagcugccccga...........................................    103     1    Z3_
ucGuguacugagcugccccga...........................................    11      1    Z3_
uccuguacugagcugAcccga...........................................    19      1    Z3_
uccuguacugaAcugccccga...........................................    140     1    Z3_
uccuguacugagUugccccga...........................................    144     1    Z3_
uccuguaUuagcugccccga............................................    121     1    Z3_
uccuguacugagcAgccccga...........................................    109     1    Z3_
uccuguaGugagcugccccga...........................................    10      1    Z3_
uccuguacuAagcugccccga...........................................    128     1    Z3_
uccuguacugagcugccccga...........................................    89609   0    Z3_
uccuguacuCagcugccccgag..........................................    10      1    Z3_
uccuguacugagcugccccgGg..........................................    2351    1    Z3_
uUcuguacugagcugccccgag..........................................    514     1    Z3_
uccuguacugUgcugccccgag..........................................    461     1    Z3_
Cccuguacugagcugccccgag..........................................    3124    1    Z3_
uccuguacugagcugccccgCg..........................................    96      1    Z3_
uccuguaUugagcugccccgag..........................................    654     1    Z3_
uccuguacugagcugUcccgag..........................................    785     1    Z3_
uccCguacugagcugccccgag..........................................    3071    1    Z3_
Gccuguacugagcugccccgag..........................................    316     1    Z3_
uccuguacugagUugccccgag..........................................    813     1    Z3_
uccugGacugagcugccccgag..........................................    76      1    Z3_
uAcuguacugagcugccccgag..........................................    161     1    Z3_
uccuguacugagcAgccccgag..........................................    648     1    Z3_
uccuguacugagcCgccccgag..........................................    2529    1    Z3_
uccuguacugagcugccAcgag..........................................    193     1    Z3_
uccuguacugagcugGccgag...........................................    57      1    Z3_
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uccuguacugagGugccccgag..........................................    49      1    Z3_
uccuguacuUagcugccccgag..........................................    64      1    Z3_
uccuCuacugagcugccccgag..........................................    49      1    Z3_
uccuguacugagcugcccAgag..........................................    153     1    Z3_
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uccuguacugagcugcUccgag..........................................    690     1    Z3_
uccuguacugagcugcccCag...........................................    45      1    Z3_
uccuguacugCgcugccccgag..........................................    35      1    Z3_
uccuguacugagcugccGcgag..........................................    58      1    Z3_
uccuguacAgagcugccccgag..........................................    620     1    Z3_
uccuguacugaCcugccccgag.........cagcaugaagggccucggggcagcucaguacaggau  82      1    Z3_
uccuguacugagcugGcccgag..........................................    76      1    Z3_
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hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucgggggcagcucaguacaggaug

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uGcuguacugagcugccccgag.........................................   73        1       Z3_
uccuguacugagcugccccgaA.........................................   32232     1       Z3_
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uccuguacugaAcugccccgag.........................................   690       1       Z3_
uccuguacugagAugccccgag.........................................   131       1       Z3_
uccugAacugagcugccccgag.........................................   265       1       Z3_
uccuguacugagcugccccgaU.........................................   2069      1       Z3_
ucGuguacugagcugccccgag.........................................   35        1       Z3_
uccGguacugagcugccccgag.........................................   201       1       Z3_
uccuguaAugagcugccccgag.........................................   126       1       Z3_
uccuguacugagcugccUcgag.........................................   672       1       Z3_
uccuguacugagcugccccUag.........................................   151       1       Z3_
uccuguacugagcugccccAag.........................................   776       1       Z3_
uccuguacugagcugccccgUg.........................................   605       1       Z3_
uccuguacugagcugccccgag.........................................   512575    0       Z3_
uccuguacugagcugAcccgag.........................................   147       1       Z3_
uccuguacugagcugcccUgag.........................................   1468      1       Z3_
uccuguUcugagcugccccgag.........................................   195       1       Z3_
uccuguacugagcugcAccgag.........................................   154       1       Z3_
uccuguCcugagcugccccgag.........................................   51        1       Z3_
uccuguacugagcugcccGgag.........................................   166       1       Z3_
uccuguaGugagcugccccgag.........................................   38        1       Z3_
uccuguacugagcugccccgaC.........................................   1293      1       Z3_
ucAuguacugagcugccccgag.........................................   222       1       Z3_
uccuguacugagcuUccccgag.........................................   61        1       Z3_
uccAguacugagcugccccgag.........................................   828       1       Z3_
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uccuguacugaUcugccccgag.........................................   102       1       Z3_
uccuAuacugagcugccccgag.........................................   774       1       Z3_
uccuguacugaAcugccccgagc........................................   8         1       Z3_
uccuguacugagUugccccgagc........................................   8         1       Z3_
uccuguacGgagcugccccgagc........................................   2         1       Z3_
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uGcuguacugagcugccccgagc........................................   2         1       Z3_
uccuguacugagcugcUccgagc........................................   19        1       Z3_
uccuAuacugagcugccccgagc........................................   17        1       Z3_
uccuguacugagcugccccgaUc........................................   23        1       Z3_
ucAuguacugagcugccccgagc........................................   2         1       Z3_
uAcuguacugagcugccccgagc........................................   4         1       Z3_
uUcuguacugagcugccccgagc........................................   7         1       Z3_
uccugCacugagcugccccgagc........................................   13        1       Z3_
uccuguacuAagcugccccgagc........................................   15        1       Z3_
uccuguacugagcugccccUagc........................................   2         1       Z3_
uccuguacugagcugccccgUgc........................................   5         1       Z3_
uccuguacugagcugccccgagc........................................   5902      0       Z3_
uccuguacugagcAgccccgagc........................................   11        1       Z3_
uccuguacugGgcugccccgagc........................................   40        1       Z3_
uccuguacugagcugcccUgagc........................................   19        1       Z3_
uccuguacugagcugcGccgagc........................................   1         1       Z3_
uccuguacugagcugccccCagc........................................   1         1       Z3_
uccGguacugagcugccccgagc........................................   1         1       Z3_
uccuguacugagcugccccgagA........................................   111159    1       Z3_
uccuguacugagcugccccgaAc........................................   18        1       Z3_
uccuguacugagGgccccgagc.........................................   1         1       Z3_
uccuguacugagAugccccgagc........................................   2         1       Z3_
uccuguacugUgcugccccgagc........................................   6         1       Z3_
uccuguacugagcugcccAgagc........................................   1         1       Z3_
uccAguacugagcugccccgagc........................................   11        1       Z3_
uccuguacugagcugccccgGgc........................................   22        1       Z3_
uccuguacugagcCgccccgagc........................................   25        1       Z3_
uccuguGcugagcugccccgagc........................................   8         1       Z3_
Gccuguacugagcugccccgagc........................................   3         1       Z3_
uccuguacugagcugccUcgagc........................................   18        1       Z3_
uccuguacugagcugcccGgagc........................................   1         1       Z3_
uccuguacugagcugccccgagU........................................   72111     1       Z3_
uccugAacugagcugccccgagc........................................   5         1       Z3_
uccuguacugagcugccccgaCc........................................   17        1       Z3_
uccuguaAugagcugccccgagc........................................   1         1       Z3_
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<div align="center">

hsa-miR-486-3p

</div>

hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaaggggccucgggggcagcucaguacaggaug

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uccuguacugagcugAcccgagc.......................................      4     1     Z3_
uccuguacugagcugUcccgagc.......................................     19     1     Z3_
uccuUuacugagcugccccgagc.......................................      1     1     Z3_
uccuguacugagcugccAcgagc.......................................      5     1     Z3_
uccuguacugagcugccccAagc.......................................      6     1     Z3_
uccCguacugagcugccccgagc.......................................     28     1     Z3_
ucUuguacugagcugccccgagc.......................................      2     1     Z3_
ucGuguacugagcugccccgagc.......................................      2     1     Z3_
Cccuguacugagcugccccgagc.......................................     42     1     Z3_
uccuguacAgagcugccccgagc.......................................      5     1     Z3_
uccuguacugaUcugccccgagc.......................................      1     1     Z3_
uccuguUcugagcugccccgagc.......................................      7     1     Z3_
uccuguacCgagcugccccgagc.......................................     25     1     Z3_
uccuguacuUagcugccccgagc.......................................      1     1     Z3_
uccuguacugagcugccccgagUu......................................   2069     1     Z3_
uccuguacugagcugccccgagAu......................................   1791     1     Z3_
uccuguacugagcugccccgagGu......................................    148     1     Z3_
uccuguacugagcugccccgagcA......................................      4     1     Z3_
uccuguacugUgcugccccgagcu......................................      2     1     Z3_
uccuguacugagcugccccgagcC......................................      1     1     Z3_
uccuguacugagcugccccgagcu......................................     16     0     Z3_
uccuguacugagcugccccgagAug.....................................     32     1     Z3_
uccuguacugagcugccccgagGug.....................................      2     1     Z3_
uccuguacugagcugccccgagUug.....................................     15     1     Z3_
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uccuguacugagcugccccgagcugggcagca..............................      2     0     Z3_
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.Ucuguacugagcugccccg..........................................      3     1     Z3_
.ccuguacugagcugccccga.........................................     14     0     Z3_
.Ucuguacugagcugccccga.........................................      2     1     Z3_
.ccuguacugagcugccccgaA........................................      3     1     Z3_
.ccuguacugagcugccccgUg........................................      2     1     Z3_
.ccuguacugagcugccccgGg........................................      1     1     Z3_
.ccuguacugGgcugccccgag........................................      1     1     Z3_
.ccuguacugagcugccccgag........................................     81     0     Z3_
.ccuguGcugagcugccccgag........................................      1     1     Z3_
.Ucuguacugagcugccccgag........................................     31     1     Z3_
.ccuguacugagcugccccgagc.......................................      2     0     Z3_
.ccuguacugagcugccccgagA.......................................     21     1     Z3_
.ccuguacugagcugccccgagU.......................................     11     1     Z3_
.ccuguacugagcugccccgaCc.......................................      3     1     Z3_
..cuguacugagcugccccA..........................................      3     1     Z3_
..cuguacugGgcugccccg..........................................      1     1     Z3_
..cuguacugagcCgccccg..........................................      1     1     Z3_
..cuguacugagcugccccg..........................................      5     0     Z3_
..Uuguacugagcugccccga.........................................      1     1     Z3_
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..cuguacugaUcugccccgag........................................      2     1     Z3_
..cuguacugagcugccccgaA........................................      2     1     Z3_
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..cuguacugagcugccccgag........................................     56     0     Z3_
..cuguacCgagcugccccgag........................................      1     1     Z3_
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..cuguacugagcugccccgagA.......................................     28     1     Z3_
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...uguacugagcCgccccgag........................................      1     1     Z3_
...uguacugagcugccccgagU.......................................      1     1     Z3_
...uguacugagcugccccgagA.......................................      2     1     Z3_
....guacugagcugccccgagA.......................................      1     1     Z3_

uccuguGcugagcugccc............................................      3     1     GDM
uccAguacugagcugccc............................................      1     1     GDM
uccugGacugagcugccc............................................      1     1     GDM
uccuguacugagcugUcc............................................      2     1     GDM
uccuguacugGgcugccc...........cugggcagcaugaaggggccucgggggcagcucaguacaggaug      3     1     GDM
uccuguaUugagcugccc............................................      2     1     GDM
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hsa-miR-486-3p

hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

uccuguGcugagcugccc...	3	1	GDM
uccuguacugagcugccA...	39	1	GDM
uccuAuacugagcugccc...	1	1	GDM
uccuguacugagcugccA...	39	1	GDM
uccuguacugagcugccG...	7	1	GDM
ucUuguacugagcugccc...	2	1	GDM
uccuguacugagcCgccc...	4	1	GDM
uccuguacugagcugUcc...	2	1	GDM
uccCguacugagcugccc...	7	1	GDM
uccCguacugagcugccc...	7	1	GDM
uccuguCcugagcugccc...	1	1	GDM
uccuguacugagcugccU...	158	1	GDM
uccuguacugagcugccU...	158	1	GDM
uccuguacuAagcugccc...	1	1	GDM
uccuguacCgagcugccc...	1	1	GDM
uccuguacugagcugccG...	7	1	GDM
uccuguacugagcugccc...	530	0	GDM
uccuguacugagcugccc...	530	0	GDM
uccuguacugGgcugccc...	3	1	GDM
uccuguacugagcugccc...	530	0	GDM
uccuguacugagcugcA...	39	1	GDM
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uccuguacugagcugccG...	7	1	GDM
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uccuguacugagcugcccU..	221	1	GDM
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uccuguGcugagcugcccc..	6	1	GDM
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uccuguacugagcugcccA..	137	1	GDM
uccCguacugagcugcccc..	6	1	GDM
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uccugGacugagcugcccc..	1	1	GDM
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Cccuguacugagcugcccc..	13	1	GDM
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uccuguacCgagcugcccc..	7	1	GDM
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uccuguacugagcCgcccc..	5	1	GDM
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Cccuguacugagcugcccc..	13	1	GDM
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hsa-miR-486-3p

hsa-miR-486-5p

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Cccuguacugagcugcccc..	13	1	GDM
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uccuguacugagcugccAcg..	202	1	GDM
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hsa-miR-486-5p
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hsa-miR-486-5p

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uccuguaAugagcugccccga...	112	1	GDM
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uccuguacCgagcugccccga...	1781	1	GDM
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uccuguacuCagcugccccgag..	79	1	GDM
uccuguacugagcugccccgaC..	6499	1	GDM
uccuguacAgagcugccccgag..	3712	1	GDM
uccuguacugagcugccccCag..	284	1	GDM
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uccuguacugagcugcAccgag.........cagcaugaagggccucgggggcagcucaguacaggau	848	1	GDM
uccuAuacugagcugccccgag..	4092	1	GDM

          hsa-miR-486-3p

hsa-miR-486-5p

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uccuguacugagcugcccgCg...	7133	1	GDM
uccuguacugagcugccccCag...	284	1	GDM
uccuguacugagcugGcccgag...	573	1	GDM
uccuguacugagGugccccgag...	336	1	GDM
uAcuguacugagcugccccgag...	1129	1	GDM
uccuguacugagcCgccccgag...	14300	1	GDM
uccuguacugagcGgccccgag...	596	1	GDM
uccuguacugaCcugccccgag...	541	1	GDM
uccuguacGgagcugccccgag...	842	1	GDM
uccuguaUugagcugccccgag...	3481	1	GDM
uccuguacugagcgcUccgag...	3811	1	GDM
uccuguacugagcugccccgaU...	8208	1	GDM
uccuguacugagcugccGcgag...	299	1	GDM
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uccuguacCgagcugccccgag...	11632	1	GDM
Cccuguacugagcugccccgag...	15655	1	GDM
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uccuguacugGgcugccccgag...	14800	1	GDM
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uccugCacugagcugccccgag...	8936	1	GDM
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uccuguaAugagcugccccgag...	885	1	GDM
uccuguGcugagcugccccgag...	7221	1	GDM
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uccuguacugaAcugccccgag...	3664	1	GDM

hsa-miR-486-3p

hsa-miR-486-5p

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uccuguacGgagcugccccgag..........................................     842    1    GDM
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uccuguacugagcugcAccgag........................................        848       1    GDM
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hsa-miR-486-5p

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uAcuguacugagcugccccgagc.......................................	8	1	GDM
uccuguacugagcugcAccgagc.......................................	5	1	GDM
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uccuguacugaAcugccccgagc.......................................	21	1	GDM
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uccugCacugagcugccccgagc.......................cggggcagcucaguacaggau	86	1	GDM
uccuguacugagcGgccccgagc.......................................	6	1	GDM

hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

uccuAuacugagcugccccgagc...	27	1	GDM
uccuguUcugagcugccccgagc...	19	1	GDM
uccuguacugagcuUccccgagc...	3	1	GDM
uccuguacugUgcugccccgagc...	19	1	GDM
uccuguacugagcugcccUgagc...	67	1	GDM
uccuAuacugagcugccccgagc...	27	1	GDM
uccuguacugagcCgccccgagc...	113	1	GDM
uccuguacugagcugUcccgagc...	23	1	GDM
uccuguGcugagcugccccgagc...	62	1	GDM
uccuguacugagcAgccccgagc...	25	1	GDM
uccuguacugaCcugccccgagc...	6	1	GDM
uccuguacugagcGgccccgagc...	6	1	GDM
ucUuguacugagcugccccgagc...	18	1	GDM
uccugCacugagcugccccgagc...	86	1	GDM
uccuguacugagcugccccgaUc...	54	1	GDM
uccuguacugaAcugccccgagc...	21	1	GDM
ucUuguacugagcugccccgagc...	18	1	GDM
uccuguacugagcugcUccgagc...	34	1	GDM
uccuguacCgagcugccccgagc...	98	1	GDM
uccuguacGgagcugccccgagc...	3	1	GDM
Cccuguacugagcugccccgagc...	103	1	GDM
uccugAacugagcugccccgagc...	18	1	GDM
uccugAacugagcugccccgagc...	18	1	GDM
uccuguacugCgcugccccgagc...	7	1	GDM
uccuguacugagcugccccgaAc...	49	1	GDM
uccGguacugagcugccccgagc...	9	1	GDM
uGcguacugagcugccccgagc..	5	1	GDM
uccuguacugCgcugccccgagc...	7	1	GDM
uccuguacugagcugcccccgUgc..	33	1	GDM
uccAguacugagcugccccgagc...	32	1	GDM
uccuguacuAagcugccccgagc...	25	1	GDM
uccuguacugUgcugccccgagc...	19	1	GDM
uccuguacugaCcugccccgagc...	6	1	GDM
uccugGacugagcugccccgagc...	4	1	GDM
uGcguacugagcugccccgagc..	5	1	GDM
uccuguacugagcugGccgagc..	4	1	GDM
uccCguacugagcugccccgagc...	129	1	GDM
uccuguGcugagcugccccgagc...	62	1	GDM
uccuguacugagcugcccGgagc...	7	1	GDM
ucUuguacugagcugccccgagc...	18	1	GDM
uccuguacugagcugccccAagc...	22	1	GDM
uccuguacugagcugccccgGgc...	121	1	GDM
uccuguacugagcugcAccgagc...	5	1	GDM
uccAguacugagcugccccgagc...	32	1	GDM
uccuguacugagcugccccUagc...	4	1	GDM
uccuguacugagUugccccgagc...	39	1	GDM
uccuguacugagcugccccgGgc...	121	1	GDM
uccuguacugGgcugccccgagc...	111	1	GDM
uccGguacugagcugccccgagc...	9	1	GDM
uccuguacugagcugccAcgagc...	12	1	GDM
uccuUuacugagcugccccgagc...	3	1	GDM
uccuguacugaAcugccccgagc...	21	1	GDM
uccuguUcugagcugccccgagc...	19	1	GDM
uccuguaAugagcugccccgagc...	7	1	GDM
uccuguacugagcugccccgagU...	274724	1	GDM
uccuguacugagcugccccgagcC..	2	1	GDM
uccuguacugagcugccccgagcA..	29	1	GDM
uccuguacugagcugccccgagGu..	409	1	GDM
uccuguacugagcugccccgagUu..	5868	1	GDM
uccuguacugagcugccccgaAcu..	2	1	GDM
uccuguacugagcugccccgagAu..	5881	1	GDM
uccuguacugagcugccccgagUu..	5868	1	GDM
uccuguacugagcugccccgagGu..	409	1	GDM
uccuguacugagcugccccgaAcu..	2	1	GDM
uccuguacugagcugccccgagcu..	39	0	GDM
uccuguacugagcugccccgagcu..............................hsa-miR-486-3p..	39	0	GDM
uccuguacugagcugccccgagcC..	2	1	GDM
uccuguacugagcugccccgagAu.........gcaugaagggccucggggcagcucaguacaggau	5881	1	GDM
uccuguacugagcugccccgagcu..	39	0	GDM

hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

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uccuguacugagcugccccgagcA.......................................  29    1    GDM
uccuguacugagcugccccgagcA.......................................  29    1    GDM
uccuguacugagcugccccgagUu.......................................  5868  1    GDM
uccugCacugagcugccccgagcu.......................................  1     1    GDM
uccuguacugagcugccccgagAu.......................................  5881  1    GDM
uccuguacugagcugccccgagcG.......................................  5     1    GDM
uccuguacugagcugccccgagGu.......................................  409   1    GDM
uccuguacugagcugccccgagUug......................................  37    1    GDM
uccuguacugagcugccccgagcAg......................................  1     1    GDM
uccuguacugagcugccccgagUug......................................  37    1    GDM
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.ccuguacugagcugcccUg...........................................  2     1    GDM
.ccuguacugagcugccccg...........................................  57    0    GDM
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.Ucuguacugagcugccccg...........................................  18    1    GDM
.ccuguGcugagcugccccg...........................................  1     1    GDM
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.Ucuguacugagcugccccg...........................................  18    1    GDM
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.Ucuguacugagcugccccga..........................................  27    1    GDM
.ccuguacugagcugccccga..........................................  60    0    GDM
.ccuguacCgagcugccccga..........................................  2     1    GDM
.Ucuguacugagcugccccga..........................................  27    1    GDM
.ccuguacugagcugcccCAa.........................................  1     1    GDM
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.Gcuguacugagcugccccga..........................................  1     1    GDM
.ccuguacugagcugccccga..........................................  60    0    GDM
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.ccuguacugagUugccccgag.........................................  1     1    GDM
.ccuAuacugagcugccccgag.........................................  1     1    GDM
.Ucuguacugagcugccccgag.........................................  172   1    GDM
.Ucuguacugagcugccccgag.........................................  172   1    GDM
.Acuguacugagcugccccgag.........................................  1     1    GDM
.ccuguacugagcugccccgaU.........................................  1     1    GDM
.ccuguacugaAcugccccgag.........................................  1     1    GDM
.ccuguacugagcugccccgag.........................................  245   0    GDM
.ccuguacugagcCgccccgag.........................................  3     1    GDM
.ccuguacugagcugccccgCg.........................................  2     1    GDM
.ccCguacugagcugccccgag.........................................  2     1    GDM
.ccuguacugagcugccccgaA.........................................  15    1    GDM
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.cUuguacugagcugccccgag.........................................  1     1    GDM
.ccuguacugagcugcccUgag.........................................  3     1    GDM
.ccuguacugagcugcccUgag.........................................  3     1    GDM
.ccuguacugagcugccccgag.........................................  245   0    GDM
.ccCguacugagcugccccgag.........................................  2     1    GDM
.ccuguacugagcugccccgaA.........................................  15    1    GDM
.ccuguacugagcugccccgag.........................................  245   0    GDM
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.ccAguacugagcugccccgag.........................................  2     1    GDM
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hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

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.ccuguacugagcugccccgagU........................................   36    1    GDM
.Ucuguacugagcugccccgagc........................................    4    1    GDM
.ccuguacugagcugccccgagU........................................   36    1    GDM
.ccuguacugagcugccccgagc........................................    3    0    GDM
.ccuguacugagcugccccgagA........................................   64    1    GDM
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.ccuguacugagcugccccgagU........................................   36    1    GDM
.ccuguacugagcugccccgagA........................................   64    1    GDM
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.ccuguacugagcugccccgagUu.......................................    4    1    GDM
.ccuguacugagcugccccgagAu.......................................    1    1    GDM
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..cAguacugagcugccccg...........................................    2    1    GDM
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..cuguacugagcugccccg...........................................   56    0    GDM
..Guguacugagcugccccg...........................................    1    1    GDM
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..cuguGcugagcugccccg...........................................    1    1    GDM
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..cuguacugGgcugccccgag.........................................    8    1    GDM
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..cuguacAgagcugccccgag.........................................    1    1    GDM
..cuguacugagcugccccgaA.........................................   13    1    GDM
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..cuguacugagcugccccgagU........................................  126    1    GDM
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..cuguacugagcugccccgagA........................................   89    1    GDM
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..cuguacugagcugccccgagUu.......................................    5    1    GDM
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..cuguacugagcugccccgagAu.......................................    2    1    GDM
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...uguacugagcugccccga..........................................    2    0    GDM
...uguacugagcugccccgag.........................................   17    0    GDM
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...uguacCgagcugccccgag.........................................    1    1    GDM
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hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucgggggcagcucaguacaggaug

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...uguacugagcugccccgag.......................................    17      0    GDM
...uguacugagcugccccgaU.......................................    5       1    GDM
...uguacugagcugccccgagA......................................    6       1    GDM
...uguacugagcugccccgagU......................................    1       1    GDM
...uguacugagcugccccgagA......................................    6       1    GDM
...uguacugagcugccccgagc......................................    1       0    GDM
...uguacugagcugccccgagA......................................    6       1    GDM
....guacugagcugccccgag......................................    4       0    GDM
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....guacugagcugccccgagA.....................................    1       1    GDM
.....uacugagcugccccgagA.....................................    2       1    GDM

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uccuguacugagcugccU.........................................    111     1    Z1_
uccuguacugagcugccA.........................................    21      1    Z1_
uccuguacCgagcugccc.........................................    3       1    Z1_
uccAguacugagcugccc.........................................    1       1    Z1_
uccugCacugagcugccc.........................................    1       1    Z1_
Gccuguacugagcugccc.........................................    1       1    Z1_
uAcuguacugagcugccc.........................................    1       1    Z1_
uccuguacugagcCgccc.........................................    1       1    Z1_
uccuguacugagcugccc.........................................    379     0    Z1_
uccuguGcugagcugccc.........................................    5       1    Z1_
uccuAuacugagcugccc.........................................    1       1    Z1_
uccCguacugagcugccc.........................................    3       1    Z1_
uccuguacugGgcugccc.........................................    4       1    Z1_
uccuguacugagcAgccc.........................................    1       1    Z1_
uccuguacugagcugcccG........................................    277     1    Z1_
uccuguacugagcugcAcc........................................    1       1    Z1_
uccuguacugagcugcccU........................................    124     1    Z1_
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uccuguacugagcCgcccc........................................    2       1    Z1_
ucAuguacugagcugcccc........................................    1       1    Z1_
uccuAuacugagcugcccc........................................    3       1    Z1_
Cccuguacugagcugcccc........................................    8       1    Z1_
uccuguacugagcGgcccc........................................    3       1    Z1_
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uccugCacugagcugcccc........................................    4       1    Z1_
uccCguacugagcugcccc........................................    5       1    Z1_
uccuguacugagcugcUcc........................................    2       1    Z1_
uccuguacugagcugcccc........................................    722     0    Z1_
uccuguacugagcugcccA........................................    66      1    Z1_
uccAguacugagcugcccc........................................    1       1    Z1_
uccuguacCgagcugcccc........................................    1       1    Z1_
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uccuguacugagcugccUc........................................    5       1    Z1_
uccuguacugagUugcccc........................................    1       1    Z1_
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uccGguacugagcugccccg.......................................    73      1    Z1_
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uccuguacAgagcugccccg.......................................    209     1    Z1_
uccuguacugagcugccccA.......................................    13398   1    Z1_
uccuguacugagUugccccg.......................................    326     1    Z1_
uccuguacugGgcugccccg.......................................    1009    1    Z1_
uccuguacuCagcugccccg.......................................    4       1    Z1_
uccugCacugagcugccccg.......................................    579     1    Z1_
uccuguacugagcugccUcg.......................................    255     1    Z1_
uccuguacugagcugccccC.......................................    980     1    Z1_
uGcuguacugagcugccccg.......................................    33      1    Z1_
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uccuguacugUgcugccccg.......................................    167     1    Z1_
uccuguaGugagcugccccg.......................................    11      1    Z1_
uccuguacugagcugUcccg.......................................    311     1    Z1_
uccuguacCgagcugccccg.......................................    806     1    Z1_
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uccuguaAugagcugccccg.......................................    41      1    Z1_
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<p style="text-align:center"><strong style="color:red">hsa-miR-486-3p</p>

hsa-miR-486-5p

uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

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uccuguacugaAcugccccg.........................................   258      1      Z1_
uUcuguacugagcugccccg.........................................   175      1      Z1_
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uccuguacugagcugcAccg.........................................   59       1      Z1_
uccuguaUugagcugccccg.........................................   220      1      Z1_
uccuguacugagcuUccccg.........................................   17       1      Z1_
uccuguacuUagcugccccg.........................................   21       1      Z1_
uccuguacugagcugccGcg.........................................   17       1      Z1_
Cccuguacugagcugccccg.........................................   1022     1      Z1_
uccuguacugaCcugccccg.........................................   32       1      Z1_
uccuguacugagcCgccccg.........................................   944      1      Z1_
uccugGacugagcugccccg.........................................   32       1      Z1_
uccugAacugagcugccccg.........................................   83       1      Z1_
uccuUuacugagcugccccg.........................................   19       1      Z1_
Gccuguacugagcugccccg.........................................   139      1      Z1_
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uccuguacGgagcugccccg.........................................   71       1      Z1_
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uccCguacugagcugccccg.........................................   1101     1      Z1_
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uccuguacAgagcugccccga.......................................    252      1      Z1_
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uccuguacugagcugcccGga.......................................    80       1      Z1_
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Gccuguacugagcugccccga.......................................    217      1      Z1_
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uccuguacugagcugccccgC.......................................    298      1      Z1_
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uccCguacugagcugccccga.......................................    1328     1      Z1_
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Sequence	Count	Err	Tag
uGcuguacugagcugccccga...	39	1	Z1_
uccuguacugGgcugccccga...	1210	1	Z1_
uccuguacugaCcugccccga...	25	1	Z1_
uccuguacugUgcugccccga...	162	1	Z1_
uccAguacugagcugccccga...	327	1	Z1_
Cccuguacugagcugccccga...	1409	1	Z1_
uccuguaAugagcugccccga...	45	1	Z1_
uccuguacugagcugccccAa...	282	1	Z1_
uccuguacugagcugAcccga...	47	1	Z1_
uccuguacugagcugccAcga...	82	1	Z1_
uccuguacugagcugccccCa...	34	1	Z1_
uccuguacugagcugcccAga...	94	1	Z1_
uccuguacugCgcugccccga...	23	1	Z1_
uccuguacuUagcugccccga...	31	1	Z1_
uccuguCcgagcugccccga...	22	1	Z1_
uccuguaGugagcugccccga...	13	1	Z1_
uccuguacGgagcugccccga...	95	1	Z1_
uccuguacCgagcugccccga...	901	1	Z1_
uccuguacgagGugccccga...	23	1	Z1_
uccuguacugagcugccccgG...	1392	1	Z1_
ucGuguacugagcugccccga...	29	1	Z1_
uccuguacgagAugccccga...	54	1	Z1_
uccuguUcugagcugccccga...	45	1	Z1_
uccuguacuCagcugccccga...	5	1	Z1_
uccuguacgagcGgccccga...	56	1	Z1_
uccuguacgagcCgccccga...	1176	1	Z1_
ucUuguacugagcugccccga...	214	1	Z1_
uccuguacugagcugcccUga...	396	1	Z1_
uccuguacugagcugccccgaC...	2399	1	Z1_
uccuguacugagcugccccgaU...	3686	1	Z1_
uccuguacugagcugGccgag...	128	1	Z1_
uccugAacugagcugccccgag...	828	1	Z1_
uccuguacAgagcugccccgag...	1470	1	Z1_
uccuguacugagcugccGcgag...	99	1	Z1_
uccuguacugagcCgccccgag...	7222	1	Z1_
uccuguacugagcugcccGgag...	361	1	Z1_
ucGuguacugagcugccccgag...	134	1	Z1_
uccuguaGugagcugccccgag...	101	1	Z1_
uccuguacugGgcugccccgag...	7593	1	Z1_
Gccuguacugagcugccccgag...	1422	1	Z1_
uccuguacgagAugccccgag...	370	1	Z1_
uccuguaAugagcugccccgag...	371	1	Z1_
ucAuguacugagcugccccgag...	462	1	Z1_
uccuguacugagcugGcccgag...	172	1	Z1_
uccuguacugaUcugccccgag...	309	1	Z1_
uccuguacugaCcugccccgag...	192	1	Z1_
uccuguacgagcugUccgag...	2044	1	Z1_
uccuguacugagcuUccccgag...	188	1	Z1_
uccuguUcugagcugccccgag...	402	1	Z1_
uccuguacugagUugccccgag...	2288	1	Z1_
uccuguacugagcugcccUgag...	3759	1	Z1_
uccuguacugagcugccccgGg...	6320	1	Z1_
uGcuguacugagcugccccgag...	232	1	Z1_
uccAguacugagcugccccgag...	2219	1	Z1_
uccuguGcgagcugccccgag...	3366	1	Z1_
uccuguacgagGugccccgag...	118	1	Z1_
uccuguacgagcAgccccgag...	1610	1	Z1_
uccuguCcgagcugccccgag...	165	1	Z1_
uccuguacugagcugccccCag...	92	1	Z1_
uccuguacugUgcugccccgag...	1178	1	Z1_
uccuguacugagcugccccgaA...	66329	1	Z1_
uccuguacugagcugccUcgag...	1877	1	Z1_
uccuguacugagcugccccAag...	1922	1	Z1_
uccuguacugagcugccccgag...	1410740	0	Z1_
uccuAuacugagcugccccgag...	2088	1	Z1_
uccuguacugagcugccccUag...	379	1	Z1_
uccuguacugaAcugccccgag...	1881	1	Z1_
uccuguacugagcGgccccgag........................cagcaugaagggccucggggcagcucaguacaggau	303	1	Z1_
uccuguacugagcugcccAgag...	403	1	Z1_

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uccuguacugagcugccccgUg.........................................    1321      1       Z1_
uccugGacugagcugccccgag.........................................    225       1       Z1_
uAcuguacugagcugccccgag.........................................    436       1       Z1_
Cccuguacugagcugccccgag.........................................    8503      1       Z1_
uccuUuacugagcugccccgag.........................................    148       1       Z1_
uccCguacugagcugccccgag.........................................    8628      1       Z1_
ucUuguacugagcugccccgag.........................................    1304      1       Z1_
uccuguacugagcugccAcgag.........................................    560       1       Z1_
uccuguacugagcugcAccgag.........................................    449       1       Z1_
uccuguacugagcugccccgCg.........................................    351       1       Z1_
uccugCacugagcugccccgag.........................................    4601      1       Z1_
uccuguacCgagcugccccgag.........................................    5893      1       Z1_
uccGguacugagcugccccgag.........................................    731       1       Z1_
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uccGguacugagcugccccgagc........................................    7         1       Z1_
uccAguacugagcugccccgagc........................................    28        1       Z1_
uccugCacugagcugccccgagc........................................    49        1       Z1_
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uccuguacugagcugcccAgagc........................................    8         1       Z1_
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uccuguacugagcCgccccgagc........................................    99        1       Z1_
ucUuguacugagcugccccgagc........................................    15        1       Z1_
uccuguCcugagcugccccgagc........................................    3         1       Z1_
uccuguacugagcugccccgagA.........................................   336790    1       Z1_
uccuguacugagcugccccgagU.........................................   242173    1       Z1_
uccuguacugaAcugccccgagc........................................    22        1       Z1_
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Cccuguacugagcugccccgagc........................................    123       1       Z1_
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uccuguacAgagcugccccgagc........................................    15        1       Z1_
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uccuguGcugagcugccccgagc........................................    64        1       Z1_
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uccuguacugaUcugccccgagc........................................    5         1       Z1_
uccuguacugagcAgccccgagc........................................    22        1       Z1_
uccCguacugagcugccccgagc........................................    90        1       Z1_
uccuguacugagcugccccgaCc........................................    35        1       Z1_
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uccuguacugagAugccccgagc.......................................      4      1      Z1_
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uccuguacugagcugcccUgagc.......................................     63      1      Z1_
uccugGacugagcugccccgagc.......................................      6      1      Z1_
Gccuguacugagcugccccgagc.......................................     24      1      Z1_
uccuguacugagUugccccgagc.......................................     26      1      Z1_
uccuguacugCgcugccccgagc.......................................      4      1      Z1_
uUcuguacugagcugccccgagc.......................................     13      1      Z1_
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uccuguacugagcugccccgaUc.......................................     53      1      Z1_
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uccuguacugagcugccccgagAu......................................   3204      1      Z1_
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.Ucuguacugagcugccccg..........................................      6      1      Z1_
.ccuguacugagcugccccg..........................................     35      0      Z1_
.ccuguacGgagcugccccg..........................................      1      1      Z1_
.ccuguacugagcugccccga.........................................     42      0      Z1_
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.Ucuguacugagcugccccga.........................................      9      1      Z1_
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.ccuguacugagcugccccgaU........................................      1      1      Z1_
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.ccuguacugagcugccccgCg........................................      1      1      Z1_
.ccCguacugagcugccccgag........................................      1      1      Z1_
.ccuguacugagcugccccgaA........................................      8      1      Z1_
.ccuguGcugagcugccccgag........................................      1      1      Z1_
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.ccuguacugagcugccccgagc.......................................      6      0      Z1_
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.ccuguacugagcugccccgagU.......................................     50      1      Z1_
.ccuguacugagcugccccAagc.......................................      1      1      Z1_
.ccuguacugagcugccccgagUu......................................      2      1      Z1_
..Uuguacugagcugcccg...........................................      1      1      Z1_
..cuguacugagcugccccg..........................................     30      0      Z1_
..cuguacugagcugccccga.........................................     23      0      Z1_
..cuguacugagcugccccCa.........................................      1      1      Z1_
..cCguacugagcugccccgag........................................      2      1      Z1_
..cuguacugaAcugccccgag........................................      2      1      Z1_
..cuguacCgagcugccccgag.............cagcaugaagggccucggggcagcucaguacaggau      1      1      Z1_
..cuguacugGgcugccccgag........................................      3      1      Z1_
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uccuguacugagcugccccgagcugggcagcaugaaggggccucggggcagcucaguacaggaug

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..cugCacugagcugccccgag.........................................    1        1    Z1_
..cuguacugagcugccccgag.........................................    173      0    Z1_
..cuguacugagcugUcccgag.........................................    1        1    Z1_
..cuguacugagcugccccgagU........................................    62       1    Z1_
..cuguacugagcugccccgagc........................................    8        0    Z1_
..cuguacugagcugccccgagA........................................    65       1    Z1_
..cuguacugagcugccccgagGu.......................................    6        1    Z1_
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..cuguacugagcugccccgagAu.......................................    4        1    Z1_
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...uguacugagcugccccgag.........................................    4        0    Z1_
...uguacugagcugccccgagA........................................    1        1    Z1_
...uguacugagcugccccgagU........................................    3        1    Z1_
....guacugagcugccccgag.........................................    2        0    Z1_
....guacugagcugccccgagA........................................    2        1    Z1_


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uccCguacugagcugccc.............................................    2        1    Z2_
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Cccuguacugagcugccc.............................................    1        1    Z2_
uccuguacugagcugccU.............................................    63       1    Z2_
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uccuguacugagcugcccU............................................    89       1    Z2_
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Cccuguacugagcugcccc............................................    1        1    Z2_
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uccuguacugagcugcccG............................................    167      1    Z2_
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uccuguacugagcCgccccg...........................................    619      1    Z2_
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uccugAacugagcugccccg...........................................    76       1    Z2_
uccuguaGugagcugccccg...........................................    5        1    Z2_
uGcuguacugagcugccccg...........................................    16       1    Z2_
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uccuguacugagcugccccg...........................................    120284   0    Z2_
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uccuguacugagcugccccC...........................................    560      1    Z2_
uccuguacugagAugcccg...........................................    20       1    Z2_
uccuguacugagcAgcccg...........................................    159      1    Z2_
ucGuguacugagcugccccg..........cagcaugaaggggccucggggcagcucaguacaggau    6     1    Z2_
uccuguacugaAcugcccg...........................................    165      1    Z2_
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uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

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uccuguUcugagcugccccga........................................     34    1    Z2_
uccuguacCgagcugccccga........................................    803    1    Z2_
uccugAacugagcugccccga........................................    113    1    Z2_
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ucGuguacugagcugccccga........................................      7    1    Z2_
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uccuguacugagcuUccccga........................................     39    1    Z2_
uccuguacugaAcugccccga........................................    232    1    Z2_
uccuguacugagcugccccCa........................................     29    1    Z2_
Gccuguacugagcugccccga........................................    110    1    Z2_
uccuguacugagcugccccgU........................................   1905    1    Z2_
uccugGacugagcugccccga........................................     31    1    Z2_
uGcuguacugagcugccccga........................................     16    1    Z2_
uUcuguacugagcugccccga........................................    163    1    Z2_
```

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uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

```
ucUuguacugagcugccccga........................................  173      1    Z2_
uccuguacugagcugGcccga........................................  30       1    Z2_
uccAguacugagcugccccga........................................  304      1    Z2_
ucAuguacugagcugccccga........................................  89       1    Z2_
uccGguacugagcugccccga........................................  52       1    Z2_
uccuguacugCgcugccccga........................................  34       1    Z2_
uccuguacugagcugcAccga........................................  45       1    Z2_
uccuAuacugagcugccccga........................................  290      1    Z2_
uccuguacugaCcugccccga........................................  29       1    Z2_
uccuguacugagcugccccAa........................................  246      1    Z2_
uccuguacugagcAgccccga........................................  235      1    Z2_
uccCguacugagcugccccga........................................  1045     1    Z2_
uccuguacAgagcugccccga........................................  206      1    Z2_
uccuguacugagcugccAcga........................................  72       1    Z2_
uccuguacGgagcugccccga........................................  41       1    Z2_
uAcguacugagcugccccga.........................................  70       1    Z2_
uccuCuacugagcugccccga........................................  13       1    Z2_
uccuguacugagcugccccgG........................................  1140     1    Z2_
uccuguacugGgcugccccga........................................  995      1    Z2_
uccuguacugagAugccccga........................................  50       1    Z2_
uccuguacugagcugccccga........................................  174278   0    Z2_
uccuguaGugagcugccccga........................................  17       1    Z2_
uccuguacugUgcugccccga........................................  183      1    Z2_
uccuguacugagcugAcccga........................................  49       1    Z2_
uccuUuacugagcugccccga........................................  29       1    Z2_
Cccuguacugagcugccccga........................................  1121     1    Z2_
uccuguacugagcGgccccga........................................  43       1    Z2_
uccuguacugagcugccGcga........................................  27       1    Z2_
uccuguacugagcugccUcga........................................  264      1    Z2_
uccuguacugaUcgccccga.........................................  47       1    Z2_
uccuguacugagcugcAccgag.......................................  245      1    Z2_
uccuguacugagcugccAcgag.......................................  388      1    Z2_
uccuAuacugagcugccccgag.......................................  1366     1    Z2_
uccuguaGugagcugccccgag.......................................  76       1    Z2_
uccuguacugUgcugccccgag.......................................  866      1    Z2_
uccuguacugagcugUcccgag.......................................  1355     1    Z2_
uccuguacugagcugAcccgag.......................................  306      1    Z2_
uccuguacCgagcugccccgag.......................................  3726     1    Z2_
uccuguGcugagcugccccgag.......................................  2197     1    Z2_
uccuguacugagcugcccAgag.......................................  211      1    Z2_
uccuguacugagcugccUcgag.......................................  1151     1    Z2_
uAcuguacugagcugccccgag.......................................  338      1    Z2_
uccuguacugagcugccccCag.......................................  82       1    Z2_
uccCguacugagcugccccgag.......................................  5403     1    Z2_
uccuguacugagcugccccgaU.......................................  2227     1    Z2_
uccuguUcugagcugccccgag.......................................  294      1    Z2_
uccuguacAgagcugccccgag.......................................  1023     1    Z2_
uccuguCcugagcugccccgag.......................................  107      1    Z2_
uccuguacugagcAgccccgag.......................................  1161     1    Z2_
ucUuguacugagcugccccgag.......................................  807      1    Z2_
uccuguacugagcugccccUag.......................................  259      1    Z2_
uccuguacugagcugccccgCg.......................................  124      1    Z2_
uccuguacugaAcugccccgag.......................................  1209     1    Z2_
Gccuguacugagcugccccgag.......................................  462      1    Z2_
uccuguacugagcCgccccgag.......................................  4785     1    Z2_
uccuguacugagcuUccccgag.......................................  99       1    Z2_
uccuguacugagAugccccgag.......................................  236      1    Z2_
uccuguacugagcugccccgUg.......................................  924      1    Z2_
uccuguacuCagcugccccgag.......................................  16       1    Z2_
ucAuguacugagcugccccgag.......................................  450      1    Z2_
uccuguacugagcugGccgag........................................  57       1    Z2_
uccuguacuUagcugccccgag.......................................  142      1    Z2_
ucGuguacugagcugccccgag.......................................  50       1    Z2_
uccuguacugagcugccccAag.......................................  1310     1    Z2_
uccuguacugaUcugccccgag.......................................  229      1    Z2_
uccugGacugagcugccccgag.......................................  116      1    Z2_
Cccuguacugagcugccccgag.......................................  5419     1    Z2_
uccuguacugagcugccccgGg.....................cggggcagcucaguacaggau  3925  1    Z2_
uccuguaUugagcugccccgag.......................................  1142     1    Z2_
```

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uccuguacugagcugccccgagcugggcagcaugaagggccucgggggcagcucaguacaggaug

uccuCuacugagcugccccgag..	75	1	Z2_
uccuguacugagcugccccgag..	852512	0	Z2_
uccuguacugagcGgccccgag..	198	1	Z2_
uccuguacugagcugccccgaC..	1393	1	Z2_
uccuguacugagcugGcccgag..	129	1	Z2_
uccugCacugagcugccccgag..	2794	1	Z2_
uccuguacugagcugcccGgag..	266	1	Z2_
uccuguacugaCcugccccgag..	118	1	Z2_
uccugAacugagcugccccgag..	567	1	Z2_
uccuguacGgagcugccccgag..	272	1	Z2_
uccuguacugagGugccccgag..	89	1	Z2_
uccuguacugagcugccGcgag..	74	1	Z2_
uccuguacugGgcugccccgag..	4859	1	Z2_
uccGguacugagcugccccgag..	327	1	Z2_
uUcguacugagcugccccgag...	851	1	Z2_
uccuguacugagcugcccUgag..	2904	1	Z2_
uccuguacugCgcugccccgag..	130	1	Z2_
uccuguacugagcugccccgaA..	34567	1	Z2_
uccAguacugagcugccccgag..	1538	1	Z2_
uccuguacuAagcugccccgag..	1171	1	Z2_
uccuguacugagcugcUccgag..	1383	1	Z2_
uccuUuacugagcugccccgag..	96	1	Z2_
uccuguaAugagcugccccgag..	192	1	Z2_
uGcguacugagcugccccgag...	107	1	Z2_
uccuguacugagUugccccgag..	1579	1	Z2_
uccuguacugagcugcUccgagc.......................................	23	1	Z2_
uccuguacugaUcugccccgagc.......................................	5	1	Z2_
uGcguacugagcugccccgagc..	1	1	Z2_
uccuguacugagcugcGccgagc.......................................	1	1	Z2_
uccuguacugagcugccccgCgc.......................................	1	1	Z2_
uccuguacugagcugccUcgagc.......................................	13	1	Z2_
uccuAuacugagcugccccgagc.......................................	7	1	Z2_
uccuguacugCgcugccccgagc.......................................	1	1	Z2_
uccuguacugagcugcAccgagc.......................................	2	1	Z2_
uccuguacugagUugccccgagc.......................................	12	1	Z2_
uccuguacGgagcugccccgagc.......................................	2	1	Z2_
uccuguacugagGgccccgagc..	1	1	Z2_
uccuguacugagcugAcccgagc.......................................	1	1	Z2_
uccuguacCgagcugccccgagc.......................................	41	1	Z2_
uccGguacugagcugccccgagc.......................................	1	1	Z2_
uccuguacugagcugccccgGgc.......................................	36	1	Z2_
Cccuguacugagcugccccgagc.......................................	69	1	Z2_
uccuguaUugagcugccccgagc.......................................	13	1	Z2_
uccuguacugagcugccccAagc.......................................	14	1	Z2_
uccuguacugagcugcccUgagc.......................................	36	1	Z2_
uccuguacugagcugGcccgagc.......................................	1	1	Z2_
uccuguacugagcugccccgaCc.......................................	33	1	Z2_
uccuguaGugagcugccccgagc.......................................	2	1	Z2_
uccuguacugagcugccccgagc.......................................	8444	0	Z2_
uccuCuacugagcugccccgagc.......................................	3	1	Z2_
uccuguacugaAcugccccgagc.......................................	14	1	Z2_
uccuguacugagcugccGcgagc.......................................	4	1	Z2_
uccuguacuCagcugccccgagc.......................................	1	1	Z2_
uccuguacugagcugccccgaAc.......................................	20	1	Z2_
uccugGacugagcugccccgagc.......................................	2	1	Z2_
uccugAacugagcugccccgagc.......................................	4	1	Z2_
uccuguacugGgcugccccgagc.......................................	56	1	Z2_
uccuguacugagcuUccccgagc.......................................	1	1	Z2_
uccuguacugagcugccccgaUc.......................................	25	1	Z2_
uccuguacugaCcugccccgagc.......................................	1	1	Z2_
uccuguacugagAugccccgagc.......................................	1	1	Z2_
uccuguacuAagcugccccgagc.......................................	9	1	Z2_
uccuguacugagcugccccgUgc.......................................	11	1	Z2_
ucAuguacugagcugccccgagc.......................................	5	1	Z2_
uccugCacugagcugccccgagc.......................................	43	1	Z2_
uccuguacugagcugccccgagA.......................................	171178	1	Z2_
uccuguacugagcCgccccgagc.......................................	53	1	Z2_
uccuguacugagcugcccGgagc.......................................	1	1	Z2_
uccuguacugagcugccccgagU.......................................	137655	1	Z2_

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uccuguacugagcugccccgagcugggcagcaugaagggccucgggggcagcucaguacaggaug

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uAcuguacugagcugccccgagc........................................  1     1   Z2_
uccuguacugagcugUccccgagc.......................................  16    1   Z2_
uccuguacugagcugcccAgagc........................................  1     1   Z2_
uccuguaAugagcugccccgagc........................................  2     1   Z2_
uccuguacugagcugccAcgagc........................................  3     1   Z2_
uUcuguacugagcugccccgagc........................................  5     1   Z2_
uccuguCcugagcugccccgagc........................................  3     1   Z2_
uccuguacugagcAgccccgagc........................................  15    1   Z2_
uccuguacugUgcugccccgagc........................................  10    1   Z2_
ucUuguacugagcugccccgagc........................................  14    1   Z2_
uccuguGcugagcugccccgagc........................................  14    1   Z2_
uccCguacugagcugccccgagc........................................  59    1   Z2_
uccuguacAgagcugccccgagc........................................  2     1   Z2_
uccAguacugagcugccccgagc........................................  17    1   Z2_
Gccuguacugagcugccccgagc........................................  5     1   Z2_
uccuguUcugagcugccccgagc........................................  2     1   Z2_
uccuguacugagcugccccgagcA.......................................  12    1   Z2_
uccuguacugagcugccccgagcu.......................................  24    0   Z2_
uccuguacugagcugccccgagcC.......................................  3     1   Z2_
uccuguacugagcugccccgagcG.......................................  1     1   Z2_
uccuguacugagcugccccgagGu.......................................  251   1   Z2_
uccuguacugagcugccccgagUu.......................................  3834  1   Z2_
uccuguacugagcugccccgagAu.......................................  1882  1   Z2_
uccCguacugagcugccccgagcu.......................................  1     1   Z2_
uccuguacugagcugccccgagAug......................................  31    1   Z2_
uccuguacugagcugccccgagGug......................................  4     1   Z2_
uccuguacugagcugccccgagcAg......................................  1     1   Z2_
uccuguacugagcugccccgagcuU......................................  1     1   Z2_
uccuguacugagcugccccgagUug......................................  38    1   Z2_
uccuguacugagcugccccgagcugggUa..................................  1     1   Z2_
uccuguacugagcugccccgagcugggcagcauC............................  1     1   Z2_
.Ucuguacugagcugccccg...........................................  3     1   Z2_
.ccuguacugagcugccccg...........................................  5     0   Z2_
.ccuguacugagcugcccCA...........................................  3     1   Z2_
.ccuguacugagcugccccga..........................................  12    0   Z2_
.Ucuguacugagcugccccga..........................................  13    1   Z2_
.ccuguacugagcugcccUgag.........................................  1     1   Z2_
.Ucuguacugagcugccccgag.........................................  54    1   Z2_
.ccuguacugagcugccccgaA.........................................  2     1   Z2_
.ccuguacuAagcugccccgag.........................................  1     1   Z2_
.ccugCacugagcugccccgag.........................................  1     1   Z2_
.ccuguacugagcugccccgag.........................................  83    0   Z2_
.ccuguacugagUugccccgag.........................................  1     1   Z2_
.ccuguacugagcugccccgaU.........................................  2     1   Z2_
.ccuguacugagcugccccgagc........................................  2     0   Z2_
.ccuguacugagcugccccgagU........................................  15    1   Z2_
.ccuguacugagcugccccgagA........................................  22    1   Z2_
.Ucuguacugagcugccccgagc........................................  1     1   Z2_
.ccuguacugagcCgccccgagc........................................  2     1   Z2_
..cuguacugagcugccccg...........................................  10    0   Z2_
..cuguacugagcugccccgU..........................................  1     1   Z2_
..cuguacugagcugccccga..........................................  21    0   Z2_
..cugCacugagcugccccga..........................................  1     1   Z2_
..cCguacugagcugccccgag.........................................  2     1   Z2_
..cuguacugagcugccccgGg.........................................  1     1   Z2_
..cuguacugUgcugccccgag.........................................  2     1   Z2_
..cuguacugagcugcccUgag.........................................  2     1   Z2_
..cugCacugagcugccccgag.........................................  1     1   Z2_
..cuguacugagcCgccccgag.........................................  1     1   Z2_
..cuguacugagcugcUccgag.........................................  1     1   Z2_
..cuguacugagcugccccgaA.........................................  1     1   Z2_
..cuguacugagcugccccgag.........................................  90    0   Z2_
..cuguacugagcugccccgagU........................................  28    1   Z2_
..cuguacugagcugccccgagc........................................  2     0   Z2_
..Auguacugagcugccccgagc........................................  1     1   Z2_
..cuguacugagcugccccgagA........................................  34    1   Z2_
..cuguacugagcugccccgagAu.......................................  4     1   Z2_
..cuguacugagcugccccgagGu.......................................  2     1   Z2_
..cuguacugagcugccccgagUu.......................................  6     1   Z2_
```

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uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

```
...uguacugagcugccccga.........................................    2        0        Z2_
...uguacugagcugccccgag........................................    1        0        Z2_
...uguacugagcugccccgagU.......................................    2        1        Z2_
....guacugagcugccccgag........................................    1        0        Z2_
..........................................cggggcagcucaguacagga..    1        0        Z2_
```

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uccuguacugagcugccccgagcugggcagcaugaagggccucggggcagcucaguacaggaug

```
...uguacugagcugccccga.........................................    2        0        Z2_
...uguacugagcugccccgag........................................    1        0        Z2_
...uguacugagcugccccgagU.......................................    2        1        Z2_
....guacugagcugccccgag........................................    1        0        Z2_
..........................................cggggcagcucaguacagga..    1        0        Z2_
```