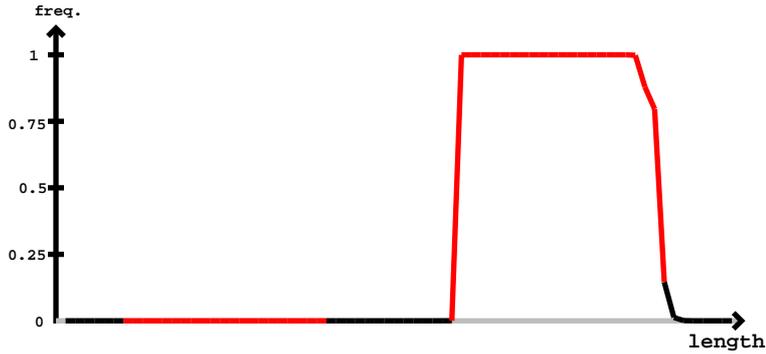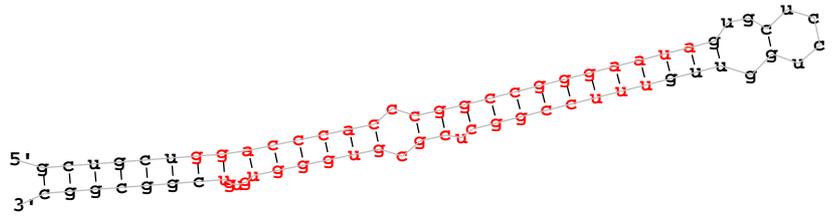miRBase precursor : hsa-mir-1180
Total read count : 55845
hsa-miR-1180-5p read count 0
hsa-miR-1180-3p read count 55843
remaining reads : 2

hsa-miR-1180-3p

hsa-miR-1180-5p

```
5'- gcugcuggacccaccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc  -3'   exp
    (((((((((((((.((((((((((((((..(.(....).)))))))))))).)).)))))))...)))))))    reads    mm      sample
    .......................................uuuccggcucgcguggggu..........      6        0       Z2_
    .......................................uuuccggcucAcguggggug..........      1        1       Z2_
    .......................................uuuccggcucgcguggAug...........      3        1       Z2_
    .......................................uuucUggcucgcguggggug..........      3        1       Z2_
    .......................................Auuccggcucgcguggggug..........      1        1       Z2_
    .......................................uuuccggcucgcgugggguC..........      2        1       Z2_
    .......................................uuuccggcucgcguggggug..........      383      0       Z2_
    .......................................uuuccggcucgcgugggCg...........      4        1       Z2_
    .......................................uuuccggcuUgcgugggug...........      1        1       Z2_
    .......................................uuuccggcucgUgugggug...........      4        1       Z2_
    .......................................uuuccggcucgcguAggug...........      1        1       Z2_
    .......................................uuuccggcCcgcguggggug..........      7        1       Z2_
    .......................................uuuccgAcucgcguggggug..........      1        1       Z2_
    .......................................Cuuccggcucgcguggggug..........      4        1       Z2_
    .......................................uuuccggcucgcgugggguA..........      29       1       Z2_
    .......................................uuuccggcucgcgugggugG..........      1        1       Z2_
    .......................................uuAccggcucgcgugggugu..........      1        1       Z2_
    .......................................uuuccggcuUgcgugggugu..........      4        1       Z2_
    .......................................uuCccggcucgcgugggugu..........      5        1       Z2_
    .......................................uuuccggcucgcGcgggugu..........      1        1       Z2_
    .......................................uuuccggcucgcgugggugC.........       33       1       Z2_
    .......................................uuuccggcucgcgugggugu.........       291      0       Z2_
    .......................................uuuccggcuAgcgugggugu.........       2        1       Z2_
    .......................................uuuccggGucgcgugggugu.........       1        1       Z2_
    .......................................uuuccggcucgcgugggCgu.........       1        1       Z2_
    .......................................uuuccggcucgUgugggugu.........       1        1       Z2_
    .......................................uuuccggcucgcguggUugu.........       1        1       Z2_
    .......................................uuuccggcucgcgugggugA.........       62       1       Z2_
    .......................................uuuccggUucgcgugggugu.........       3        1       Z2_
    .......................................Cuuccggcucgcgugggugu.........       3        1       Z2_
    .......................................uuuccgAcucgcgugggugu.........       3        1       Z2_
    .......................................Auuccggcucgcgugggugu.........       1        1       Z2_
    .......................................uuuccgAcucgcgugggugug.......        4        1       Z2_
    .......................................uuuccggcucgcgCgggugug.......        4        1       Z2_
```

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

```
......................................uuuccggcucgcguggCugug........    1      1    Z2_
......................................uCuccggcucgcgugggugug........    11     1    Z2_
......................................uuuccggcucgcAugggugug........    10     1    Z2_
......................................uuuccggcucgcguggguguU........    256    1    Z2_
......................................uuuccggcucgcguggguguC........    20     1    Z2_
......................................uuuccggcucgcgugCgugug........    2      1    Z2_
......................................uuuccggcucgcgugggCgug........    26     1    Z2_
......................................uuuccggcucgcgugggGgug........    1      1    Z2_
......................................uuuccggcucgcguCggugug........    1      1    Z2_
......................................uuucGggcucgcgugggugug........    3      1    Z2_
......................................uuuccggcCcgcgugggugug........    16     1    Z2_
......................................uuuccggcucgcgugggAgug........    3      1    Z2_
......................................uuuccggcuUgcgugggugug........    18     1    Z2_
......................................uuGccggcucgcgugggugug........    1      1    Z2_
......................................uuuccggcucgcgGgggugug........    1      1    Z2_
......................................uuuccggcucgcguggguguA........    267    1    Z2_
......................................Cuuccggcucgcgugggugug........    33     1    Z2_
......................................uuuccggcucgcgugggugug........    4065   0    Z2_
......................................uuCccggcucgcgugggugug........    10     1    Z2_
......................................uuuccggAucgcgugggugug........    1      1    Z2_
......................................uuuccggcucgcguggguUug........    1      1    Z2_
......................................uuuccggcucgcguggAugug........    7      1    Z2_
......................................uuucUggcucgcgugggugug........    18     1    Z2_
......................................uuAccggcucgcgugggugug........    2      1    Z2_
......................................uuuccggcucgUgugggugug........    9      1    Z2_
......................................uuuccggcucgcgugUgugug........    3      1    Z2_
......................................uuuUcggcucgcgugggugug........    4      1    Z2_
......................................uuuccggcuGgcgugggugug........    1      1    Z2_
......................................Guuccggcucgcgugggugug........    1      1    Z2_
......................................uuuccAgcucgcgugggugug........    7      1    Z2_
......................................uuuccggcucAcgugggugug........    10     1    Z2_
......................................uuuccggcucgcguUggugug........    3      1    Z2_
......................................uuuccggcucgcUugggugug........    2      1    Z2_
......................................uuuccggcAcgcgugggugug........    6      1    Z2_
......................................Auuccggcucgcgugggugug........    2      1    Z2_
......................................uuuccggcucgcguAggugug........    9      1    Z2_
......................................uuuccggcucUcgugggugug........    1      1    Z2_
......................................uuuccggcucgcguggguAug........    4      1    Z2_
......................................uuuccggcucgcgAgggugug........    4      1    Z2_
......................................uuucAggcucgcgugggugug........    1      1    Z2_
......................................uuuccggcucgcgugggugCg........    20     1    Z2_
......................................uGuccggcucgcgugggugug........    1      1    Z2_
......................................uuuccggUucgcgugggugug........    8      1    Z2_
......................................uuuAcggcucgcgugggugug........    1      1    Z2_
......................................uuuccCgcucgcgugggugug........    4      1    Z2_
......................................uuuccgUcucgcgugggugug........    1      1    Z2_
......................................uuuccggcucgcgugAgugug........    2      1    Z2_
......................................uuuccggcucgcgugggugAg........    9      1    Z2_
......................................uuuccgCcucgcgugggugug........    1      1    Z2_
......................................uuuccggcucgcgugggugCgu.......    2      1    Z2_
......................................uuuccggcucgcgugggugugu.......    452    0    Z2_
......................................uuuccggcucgcgugggugugA.......    762    1    Z2_
......................................uuuccggcucgcgugAgugugu.......    2      1    Z2_
......................................uuucAggcucgcgugggugugu.......    1      1    Z2_
......................................uAuccggcucgcgugggugugu.......    1      1    Z2_
......................................uuuccggcCcgcgugggugugu.......    2      1    Z2_
......................................uuuccggcucgcgCgggugugu.......    2      1    Z2_
......................................uuuccggcucgcgugggugugG.......    8      1    Z2_
......................................uuuccggcucgcguggAugugu.......    2      1    Z2_
......................................uuuccggcAcgcgugggugugu.......    1      1    Z2_
......................................uuuccggcucgcguggguguUu.......    3      1    Z2_
......................................uuuccggcucgUgugggugugu.......    6      1    Z2_
......................................uuCccggcucgcgugggugugu.......    3      1    Z2_
......................................Cuuccggcucgcgugggugugu.......    4      1    Z2_
......................................uuuccggcucgcgugggugugC.......    34     1    Z2_
......................................uuuccggcucgcgugggCgugu.......    6      1    Z2_
......................................uuuccggcuUgcguggguguguc......    1      1    Z2_
gcugcuggacccacccggccgggaauauuuccggcucgcguggguguguc......    3      0    Z2_
......................................uuuccggcucgcguggguguguG......    10     1    Z2_
```

hsa-miR-1180-3p

hsa-miR-1180-5p

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

```
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...........................................uuuccggcucgcguggguguguU......        86    1    Z2_
...........................................uuuccggcucgcguggguguguAg.....         3    1    Z2_
...........................................uuccggcucgAgugggugug........         1    1    Z2_
...........................................uuccggcucgcgugggugug........         4    0    Z2_

.......................................uuguuuccggcucgcgugggu...........         2    0    GDM
........................................uguuuccggcucgcgugggug..........         1    0    GDM
.......................................Uuuuccggcucgcgugggugu..........         2    1    GDM
.......................................guuuccggcucgcgugggugug........         2    0    GDM
.......................................guuuccggcucgcguggguguA........         3    1    GDM
.......................................Auuuccggcucgcgugggugug........         3    1    GDM
.......................................guuuccggcucgcgugggugugA.......         1    1    GDM
........................................uuuccggcucgcgugggu...........        50    0    GDM
........................................uuuccggcucgcgugggC...........         7    1    GDM
........................................uuuccggcucgcgugggu...........        50    0    GDM
........................................uuuccggcucgcguggggA...........        6    1    GDM
........................................Auuccggcucgcgugggu...........         1    1    GDM
........................................uuuccggcucgcguggggG...........         1    1    GDM
........................................uuuccggcucgcgugggu...........        50    0    GDM
........................................uuuccggcucgcgugggug..........      3526    0    GDM
........................................Auuccggcucgcgugggug..........         6    1    GDM
........................................uuuccggcuAgcgugggug..........         3    1    GDM
........................................uuuccggcucgcAugggug..........         4    1    GDM
........................................uuuccggUucgcgugggug..........         3    1    GDM
........................................uuuccggcucgUgugggug..........         5    1    GDM
........................................uCuccggcucgcgugggug..........        20    1    GDM
........................................uuucAggcucgcgugggug..........         3    1    GDM
........................................uuuccggcucgUgugggug..........         5    1    GDM
........................................uuuccggcucgcguUggug..........         2    1    GDM
........................................uuuccggcucgcguggguA..........       268    1    GDM
........................................Auuccggcucgcgugggug..........         6    1    GDM
........................................uuuccggcucgcguAggug..........         4    1    GDM
........................................uuuccggcucgcgugUgug..........         7    1    GDM
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........................................uuuccggcucgcguggAug..........         7    1    GDM
........................................uuuccggcucgcgugggguA..........       268    1    GDM
........................................uuuccggcuAgcgugggug..........         3    1    GDM
........................................uuuccggcucgcgugggguC..........        10    1    GDM
........................................uuCccggcucgcgugggug..........         8    1    GDM
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........................................uuuccggcucgcgugggAg..........         4    1    GDM
........................................uCuccggcucgcgugggug..........        20    1    GDM
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........................................uuuccgCcucgcgugggug..........         1    1    GDM
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........................................Cuuccggcucgcgugggug..........        25    1    GDM
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........................................Cuuccggcucgcgugggug..........        25    1    GDM
........................................uuuccAgcucgcgugggug..........         1    1    GDM
........................................uCuccggcucgcgugggug..........        20    1    GDM
........................................uuucAggcucgcgugggug..........         3    1    GDM
........................................uuuccggcucgcGcgggug..........        16    1    GDM
........................................uuuccggcucgcAgggug..........         3    1    GDM
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........................................uuuccggcucgcguggAug..........         7    1    GDM
........................................uuuccgAcucgcgugggug..........         5    1    GDM
........................................uuuccggcucgcAugggug..........         4    1    GDM
........................................uuuccggUucgcgugggug..........         3    1    GDM
........................................uuuccggcucgcgugggguC..........        10    1    GDM
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........................................uuuccggcGcgcgugggug..........         1    1    GDM
```

hsa-miR-1180-5p

```
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........................................uuuccggcucgcgugggguA..........       268    1    GDM
```

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

```
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.............................................uuucUggcucgcgugggug..........      8      1      GDM
.............................................uuuccggcucgcguggUug..........      2      1      GDM
.............................................uuuccggcAcgcgugggug..........      4      1      GDM
.............................................uuCccggcucgcgugggug..........      8      1      GDM
.............................................uuuccggcucgcguCggug..........      2      1      GDM
.............................................uuCccggcucgcgugggug..........      8      1      GDM
.............................................uuuccggcucgcCugggug..........      1      1      GDM
.............................................Cuuccggcucgcgugggug..........     25      1      GDM
.............................................uuuccggcucgcgugUgug..........      7      1      GDM
.............................................uuucUggcucgcgugggug..........      8      1      GDM
.............................................uuuccggcucgcguggguU..........     52      1      GDM
.............................................uuuccggcucgcgugggCg..........     24      1      GDM
.............................................uGuccggcucgcgugggug..........      1      1      GDM
.............................................uuuccggcCcgcgugggug..........     20      1      GDM
.............................................uuuccggcucgcguggGCg..........     24      1      GDM
.............................................uuuccggcuUgcgugggug..........      6      1      GDM
.............................................uuuccggUucgcgugggug..........      3      1      GDM
.............................................uuuccggcucgcgCgggug..........     16      1      GDM
.............................................uuuUcggcucgcgugggug..........      2      1      GDM
.............................................uuuccggcucgcguggGCg..........     24      1      GDM
.............................................uuuccggcucgcgGgggug..........      3      1      GDM
.............................................uuuccggcucAcgugggug..........      7      1      GDM
.............................................uuuccggcucgcgAgggug..........      3      1      GDM
.............................................uuuccggcucgcguggguC..........     10      1      GDM
.............................................uuuccggcucgcguCggug..........      2      1      GDM
.............................................uuuccggcCcgcgugggug..........     20      1      GDM
.............................................uuAccggcucgcgugggug..........      1      1      GDM
.............................................uuuccggcucgcgugggug..........   3526      0      GDM
.............................................uuuccggcuUgcgugggug..........      6      1      GDM
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.............................................uuuccggcCcgcgugggug..........     20      1      GDM
.............................................uuuccggcucgcguggguU..........     52      1      GDM
.............................................uuuccggcucgcgCgggug..........     16      1      GDM
.............................................uuuccUgcucgcgugggug..........      1      1      GDM
.............................................uuuccggcucgcguggGGg..........     58      1      GDM
.............................................uuuccggUucgcgugggugu.........      1      1      GDM
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.............................................uuuccggcucgcgCgggugu.........      5      1      GDM
.............................................uuucAggcucgcgugggugu.........      1      1      GDM
.............................................uuuccggcucgcguggGAgu.........      2      1      GDM
.............................................uuuccUgcucgcgugggugu.........      1      1      GDM
.............................................uCuccggcucgcgugggugu.........     10      1      GDM
.............................................uuuccggcucgcgCgggugu.........      5      1      GDM
.............................................uuuccggcuUgcgugggugu.........     12      1      GDM
.............................................uuuccggcuUgcgugggugu.........     12      1      GDM
.............................................uuuccggcucgcguAggugu.........      3      1      GDM
.............................................Cuuccggcucgcgugggugu.........      6      1      GDM
.............................................uuuccggcucgcgugUgugu.........      5      1      GDM
.............................................uuucUggcucgcgugggugu.........      5      1      GDM
.............................................uuuccggcucAcgugggugu.........      5      1      GDM
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.............................................uuuUcggcucgcgugggugu.........      2      1      GDM
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.............................................uuuccggcucgcguggGGgu.........      3      1      GDM
.............................................Auuccggcucgcgugggugu.........      5      1      GDM
.............................................uuuccggcucgcgugggugC.........    154      1      GDM
.............................................uuucUggcucgcgugggugu.........      5      1      GDM
.............................................uuuccggcucgcgugggugA.........    457      1      GDM
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.............................................uuuccggcucAcgugggugu.........      5      1      GDM
.............................................uuuccggcCcgcgugggugu.........     18      1      GDM
```

```
gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcguCggugu....      1      1      GDM
.............................................uuuccggcCcgcgugggugu.........     18      1      GDM
```

```
.............................................uAuccggcucgcgugggugu.........        1       1       GDM
.............................................uuuccggcucgcgCgggugu.........        5       1       GDM
.............................................uuuccggcucgcAugggugu.........        1       1       GDM
.............................................uuuccggcucgcgugggugu.........     2072       0       GDM
.............................................uuuccggcucgcguggggugC.........      154       1       GDM
.............................................uuuccAgcucgcgugggugu.........        3       1       GDM
.............................................uuuccggcucgcgugggGgu.........        3       1       GDM
.............................................uuuccggAucgcgugggugu.........        1       1       GDM
.............................................Auuccggcucgcgugggugu.........        5       1       GDM
.............................................uuuccggcucgcguAggugu.........        3       1       GDM
.............................................uuuccggcuUgcgugggugu.........       12       1       GDM
.............................................uuCccggcucgcgugggugu.........        9       1       GDM
.............................................uuCccggcucgcgugggugu.........        9       1       GDM
.............................................uuuccggcucgcgugggugG.........       14       1       GDM
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.............................................uuuccggcucgcgugggCgu.........       12       1       GDM
.............................................uuuccggcucgUgugggugu.........        4       1       GDM
.............................................uuuccggcucgcgugggugG.........       14       1       GDM
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.............................................uuuccggcucgcgugAgugu.........        4       1       GDM
.............................................uCuccggcucgcgugggugu.........       10       1       GDM
.............................................uuuccggcucgcgugggugu.........     2072       0       GDM
.............................................uuGccggcucgcgugggugu.........        2       1       GDM
.............................................uuuccggcucgcgugggugA.........      457       1       GDM
.............................................uuuccggcucgcgugggugG.........       14       1       GDM
.............................................uuuUcggcucgcgugggugu.........        2       1       GDM
.............................................uuuccgAcucgcgugggugu.........        2       1       GDM
.............................................uuuccggcucUcgugggugu.........        1       1       GDM
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.............................................uuuccggcCcgcgugggugu.........       18       1       GDM
.............................................uuuccgAcucgcgugggugu.........        2       1       GDM
.............................................uuuccggcucgcgugggugC.........      154       1       GDM
.............................................uuuccggcucgcgugggugu.........     2072       0       GDM
.............................................uCuccggcucgcgugggugu.........       10       1       GDM
.............................................uuucUggcucgcgugggugu.........        5       1       GDM
.............................................uuuccggcucgUgugggugu.........        4       1       GDM
.............................................uuuccggcucgcgugggCgu.........       12       1       GDM
.............................................uuCccggcucgcgugggugug........       75       1       GDM
.............................................uuuccggcucgAgugggugug........        6       1       GDM
.............................................uuuccggcucgcgugggguguU........     1442       1       GDM
.............................................uuuccggcucgcgugggugGg........      694       1       GDM
.............................................uuucGggcucgcgugggugug........        8       1       GDM
.............................................uuuccggcucgcAugggugug........       34       1       GDM
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.............................................uuuccgAcucgcgugggugug........       24       1       GDM
.............................................uuuccCgcucgcgugggugug........        5       1       GDM
.............................................uuuccAgcucgcgugggugug........       21       1       GDM
.............................................uCuccggcucgcgugggugug........       83       1       GDM
.............................................uuuccggcucgcgugggguguC........      140       1       GDM
.............................................uuGccggcucgcgugggugug........        3       1       GDM
.............................................uuuccgCcucgcgugggugug........        6       1       GDM
.............................................uuuccggcucgcgugggGgug........       14       1       GDM
.............................................uuuccggcGcgcgugggugug........        1       1       GDM
.............................................uuuccggUucgcgugggugug........       11       1       GDM
.............................................uuuccggcucAcgugggugug........       33       1       GDM
.............................................uuuccggcucgcgugggguguU........     1442       1       GDM
.............................................Guuccggcucgcgugggugug........        5       1       GDM
.............................................uuucAggcucgcgugggugug........        5       1       GDM
.............................................uuuUcggcucgcgugggugug........       15       1       GDM
.............................................uuuccggcucgcguggguCug........        1       1       GDM
.............................................uuuccggcucgcguAggugug........       21       1       GDM
.............................................uuuccggcucgcgugggCgug........       71       1       GDM
.............................................uGuccggcucgcgugggugug........        8       1       GDM
.............................................uuuccggcuUgcgugggugug........       36       1       GDM
.............................................Cuuccggcucgcgugggugug........       92       1       GDM
```
```
.............................................uuAccggcucgcgugggugug........       22       1       GDM
```

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

```
.................................................uuuccggcucgcgguggCugug........    9       1    GDM
.................................................uuuccggcucgcguggguguC........    140     1    GDM
.................................................uuuccggcucgcguggguguA........    1321    1    GDM
.................................................uuuccggcucUcgugggugug........    7       1    GDM
.................................................uuucGggcucgcgugggugug........    8       1    GDM
.................................................uCuccggcucgcgugggugug........    83      1    GDM
.................................................uuuccggAucgcgugggugug........    5       1    GDM
.................................................uuuccggcucgcgugggugAg........    27      1    GDM
.................................................uuuccggcucgAgugggugug........    6       1    GDM
.................................................uuuccggAucgcgugggugug........    5       1    GDM
.................................................uuuccggcucgcgugggAgug........    17      1    GDM
.................................................uuuccggcucgcguggUugug........    2       1    GDM
.................................................uuucUggcucgcgugggugug........    30      1    GDM
.................................................uuGccggcucgcgugggugug........    3       1    GDM
.................................................uuuccggcucgcgGgggugug........    15      1    GDM
.................................................uuuccggcucgcgugAgugug........    21      1    GDM
.................................................uuuccggcucgcgugAgugug........    21      1    GDM
.................................................uuuccggcuAgcgugggugug........    5       1    GDM
.................................................uuuccggcucgcguggguAug........    28      1    GDM
.................................................Guuccggcucgcgugggugug........    5       1    GDM
.................................................uuuccggcucgcgugggugAg........    27      1    GDM
.................................................uuucAggcucgcgugggugug........    5       1    GDM
.................................................uuuccggcucgcguUggugug........    2       1    GDM
.................................................uuuccggcucgcguggguAug........    28      1    GDM
.................................................uuuccggcucgcgugggugGg........    694     1    GDM
.................................................uuuccggcucgcguggUugug........    2       1    GDM
.................................................uuuccggcucgcgugggAgug........    17      1    GDM
.................................................uuuccggcAcgcgugggugug........    24      1    GDM
.................................................uuuccUgcucgcgugggugug........    2       1    GDM
.................................................uuuccggcucgcgugAgugug........    21      1    GDM
.................................................uuAccggcucgcgugggugug........    22      1    GDM
.................................................uuuccgUcucgcgugggugug........    1       1    GDM
.................................................uAuccggcucgcgugggugug........    17      1    GDM
.................................................uuuccggcucgcgugggugGg........    694     1    GDM
.................................................uuuccggUucgcgugggugug........    11      1    GDM
.................................................uuuccggcucgcgugggGgug........    14      1    GDM
.................................................uAuccggcucgcgugggugug........    17      1    GDM
.................................................uuuccggcucgcguggCugug........    9       1    GDM
.................................................uuuccggcucgcguUggugug........    2       1    GDM
.................................................uuuccggcucgcguAggugug........    21      1    GDM
.................................................uuuccggcucgcgAgggugug........    21      1    GDM
.................................................uuuccggcucCcgugggugug........    4       1    GDM
.................................................uuuccggcCcgcgugggugug........    93      1    GDM
.................................................uuCccggcucgcgugggugug........    75      1    GDM
.................................................Cuuccggcucgcgugggugug........    92      1    GDM
.................................................uuuccAgcucgcgugggugug........    21      1    GDM
.................................................uuuccggcucgcgugggugug........    15034   0    GDM
.................................................uuuccggcucgcgugggAgug........    17      1    GDM
.................................................uuuccggcucgcUugggugug........    2       1    GDM
.................................................uuuccggcucgcguggguUug........    2       1    GDM
.................................................uuuccggcuUgcgugggugug........    36      1    GDM
.................................................uuuccggcucAcgugggugug........    33      1    GDM
.................................................uuuccggcucgcgugggGgug........    14      1    GDM
.................................................uCuccggcucgcgugggugug........    83      1    GDM
.................................................uuuccggcucgcgugggugAg........    27      1    GDM
.................................................uuuccggcuAgcgugggugug........    5       1    GDM
.................................................uuuccggcucgcgAgggugug........    21      1    GDM
.................................................uuuccggcucgcguggguguA........    1321    1    GDM
.................................................uuuccggcucgcCugggugug........    7       1    GDM
.................................................uuuccggUucgcgugggugug........    11      1    GDM
.................................................uuuccggcCcgcgugggugug........    93      1    GDM
.................................................uuuccggcucgcgCgggugug........    46      1    GDM
.................................................uuuccggcucgcgugggugug........    15034   0    GDM
.................................................uuuccggcucgUgugggugug........    43      1    GDM
.................................................uuCccggcucgcgugggugug........    75      1    GDM
.................................................uuucUggcucgcgugggugug........    30      1    GDM
```

```
.................................................uuuccggcucgcCugggugug........    7       1    GDM
gcugcuggacccacccggccgggaauauuuccggcucgcgCgggugug.....    46      1    GDM
.................................................uuuccggcucgcguggguUug........    2       1    GDM
```

<pre>
                              hsa-miR-1180-3p

        hsa-miR-1180-5p

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc
</pre>

Alignment			
....uuuccggcuAgcgugggugug........	5	1	GDM
....uuuccggcucgcgGgggugug........	15	1	GDM
....uuuccggcucUcgugggugug........	7	1	GDM
....uuAccggcucgcgugggugug........	22	1	GDM
....uuuccggcucgcguggAugug........	21	1	GDM
....uuuccggcucgcgugggCgug........	71	1	GDM
....uGuccggcucgcgugggugug........	8	1	GDM
....uuuccgCcucgcgugggugug........	6	1	GDM
....uuuccggcucgcguggCugug........	9	1	GDM
....uuuccggcAcgcgugggugug........	24	1	GDM
....uuuccggcucgcgugggCgug........	71	1	GDM
....Cuuccggcucgcgugggugug........	92	1	GDM
....uuuccggAucgcgugggugug........	5	1	GDM
....uuuccggcucgcgGgggugug........	15	1	GDM
....uuuccggcucgcgugggguguA........	1321	1	GDM
....uuuccggcucgcgugUgugug........	14	1	GDM
....uuuccggcucgcgugggguguC........	140	1	GDM
....uuuccggcucgcgugggguAug........	28	1	GDM
....uuuUcggcucgcgugggugug........	15	1	GDM
....uuuccCgcucgcgugggugug........	5	1	GDM
....uuuUcggcucgcgugggugug........	15	1	GDM
....uuuccggcAcgcgugggugug........	24	1	GDM
....uuuccggcucgcgugUgugug........	14	1	GDM
....uuuccggcucCcgugggugug........	4	1	GDM
....uuuccggcucgcguggAugug........	21	1	GDM
....Auuccggcucgcgugggugug........	20	1	GDM
....Auuccggcucgcgugggugug........	20	1	GDM
....uAuccggcucgcgugggugug........	17	1	GDM
....uuuccgAcucgcgugggugug........	24	1	GDM
....uuuccggcucgcCugggugug........	7	1	GDM
....uuuccggcucgcgCgggugug........	46	1	GDM
....uuuccggcucgcgugggugCg........	112	1	GDM
....uuucUggcucgcgugggugug........	30	1	GDM
....uuuccggcucgcgugggguguU........	1442	1	GDM
....uuuccggcucgcgugggugCg........	112	1	GDM
....uGuccggcucgcgugggugug........	8	1	GDM
....uuuAcggcucgcgugggugug........	4	1	GDM
....uuuccggcucgcgugCgugug........	4	1	GDM
....uuuccggcucgUgugggugug........	43	1	GDM
....uuuccggcucgcgugUgugug........	14	1	GDM
....uuuccgAcucgcgugggugug........	24	1	GDM
....uuuccggcucgcUugggugug........	2	1	GDM
....uuuccggcucAcgugggugug........	33	1	GDM
....uuuccggcucgcguggAugug........	21	1	GDM
....uuuccAgcucgcgugggugug........	21	1	GDM
....uuuccggcucgAgugggugug........	6	1	GDM
....uuuccggcucgcgugCgugug........	4	1	GDM
....uuuccggcucgcgugggugCg........	112	1	GDM
....uuuccggcucgcguAggugug........	21	1	GDM
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....uuuccggcuUgcgugggugug........	36	1	GDM
....uuuccggcucgcAugggugug........	34	1	GDM
....uuuccggcucgcgugggugug........	15034	0	GDM
....uuuGcggcucgcgugggugug........	1	1	GDM
....uuuccggcucgcAugggugug........	34	1	GDM
....uuucAggcucgcgugggugug........	5	1	GDM
....uuuccggcucgUgugggugug........	43	1	GDM
....uuuccggcucgcgugggugugA.......	2519	1	GDM
....uuuccggcucgcguggguguAu.......	6	1	GDM
....uuuccAgcucgcgugggugugu.......	3	1	GDM
....uuCccggcucgcgugggugugu.......	5	1	GDM
....uuuccgCcucgcgugggugugu.......	1	1	GDM
....uuuccggcucgcguggguAugu.......	4	1	GDM
....uuuccggcucgcgugggguguCu.......	1	1	GDM
....uuCccggcucgcgugggugugu.......	5	1	GDM
....uuuccggcucUcgugggugugu.......	1	1	GDM
....Auuccggcucgcgugggugugu.......	3	1	GDM
gcugcuggacccacccggccgggaaua...................uuAccggcucgcgugggugugu.......	3	1	GDM
....uuucUggcucgcgugggugugu.......	3	1	GDM

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

Sequence	Count	Mismatch	Group
....uuuccggcCcgcgugggugugu.......	3	1	GDM
....uuuccggcucgcgugggugugu.......	957	0	GDM
....uuuccggcucgcgugggugugC.......	74	1	GDM
....uuuccggcucgcgugggugugG.......	33	1	GDM
....Cuuccggcucgcgugggugugu.......	7	1	GDM
....uuuccggcucgcgugggugCgu.......	4	1	GDM
....Cuuccggcucgcgugggugugu.......	7	1	GDM
....uuuccggcucAcgugggugugu.......	1	1	GDM
....uuuccggcucgcguggguAugu.......	4	1	GDM
....uGuccggcucgcgugggugugu.......	2	1	GDM
....uuuccggcucgcgugggugugA.......	2519	1	GDM
....uuuccggcuUgcgugggugugu.......	2	1	GDM
....uuuccgAcucgcgugggugugu.......	4	1	GDM
....uuuccggcCcgcgugggugugu.......	3	1	GDM
....uuuccggcucgcguggguguUu.......	4	1	GDM
....uuuccggUucgcgugggugugu.......	3	1	GDM
....uuuccggcCcgcgugggugugu.......	3	1	GDM
....uGuccggcucgcgugggugugu.......	2	1	GDM
....uuCccggcucgcgugggugugu.......	5	1	GDM
....uCuccggcucgcgugggugugu.......	8	1	GDM
....uCuccggcucgcgugggugugu.......	8	1	GDM
....uuuccggcucgcgugggugugu.......	957	0	GDM
....uuuccggcucgcguAggugugu.......	2	1	GDM
....uuuccAgcucgcgugggugugu.......	3	1	GDM
....uuuccggcucgcgugggugugA.......	2519	1	GDM
....uuuccggcucgcguggguguAu.......	6	1	GDM
....uuuccUgcucgcgugggugugu.......	1	1	GDM
....Auuccggcucgcgugggugugu.......	3	1	GDM
....uuuccggUucgcgugggugugu.......	3	1	GDM
....uuuccggcucgcgugggugCgu.......	4	1	GDM
....uuuccggcucgcguggAugugu.......	2	1	GDM
....uuuccggcucgcgugggCgugu.......	1	1	GDM
....uuucAggcucgcgugggugugu.......	1	1	GDM
....uuuccggcucgcAugggugugu.......	2	1	GDM
....uuuccggcucgcgugggugugG.......	33	1	GDM
....uuuccggcucgcgCgggugugu.......	2	1	GDM
....uuuccggcucgcCugggugugu.......	1	1	GDM
....uuuccggcucgcgAgggugugu.......	1	1	GDM
....uuuccggcucgcgugggugugC.......	74	1	GDM
....uuuccggcucgcguggguAugu.......	4	1	GDM
....uuuccggcucgcgugggugugu.......	957	0	GDM
....uAuccggcucgcgugggugugu.......	1	1	GDM
....uuuccggcucgcgugggugugG.......	33	1	GDM
....uuuccggcucgUgugggugugu.......	4	1	GDM
....uuuUcgcucgcgugggugugu.......	4	1	GDM
....uCuccggcucgcgugggugugu.......	8	1	GDM
....uuuccgAcucgcgugggugugu.......	4	1	GDM
....uuuccggcucgcgugggugugC.......	74	1	GDM
....uuuccggcucgcguAggugugu........	2	1	GDM
....uuuccggcucgcguggguguguU......	180	1	GDM
....uuuccggcucgcguggguguguU......	180	1	GDM
....uuuccggcucgcguggguguguc......	9	0	GDM
....uuuccggcucgcguggguguguA......	77	1	GDM
....uuuccggcucgcguggguguguG......	17	1	GDM
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....uuuccggcucgcguggguguguc......	9	0	GDM
....uuuccggcucgcgugggugugAc......	2	1	GDM
....uuuccggcucgcgugggCguguc......	1	1	GDM
....uuuccggcucgcguggguguguA......	77	1	GDM
....uuuccggcucgcguggguguguG......	17	1	GDM
....uuuccggcucgcguggguguguA......	77	1	GDM
....uuuccggcucgcguggguguguU......	180	1	GDM
....uuuccggcucgcguggguguguAg.....	30	1	GDM
....uuuccggcucgcguggguguguAg.....	30	1	GDM
....uuuccggcucgcguggguguguAg.....	30	1	GDM
....uuuccggcucgcgugggugugUg.....	1	1	GDM
....uucggcucgcguggguA..........	1	1	GDM
gcugcuggacccacccggccgggaauagugcuccugg....uuccggcucgcgugggug............	1	0	GDM
....uuUcggcucgcgugggug..........	1	1	GDM

hsa-miR-1180-3p

hsa-miR-1180-5p

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

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.......................................................uuccggcucgcgugggugA.........     1      1    GDM
.......................................................uuccggcucgcgugggugug........     6      0    GDM
.......................................................uuccggcucgcgugggugug........     6      0    GDM
.......................................................uuccggcucgcgugggugugA.......     1      1    GDM


..................................................guuuccggcucgcgugggug..........     1      0    Z1_
.................................................Uuuuccggcucgcgugggugug........     2      1    Z1_
.................................................uuuccggcucgcgugggG...........     1      1    Z1_
.................................................uuuccggcucgcgugggC...........     4      1    Z1_
.................................................uuuccggcucgcgugggu...........    18      0    Z1_
.................................................uuuccggcucgcgugggA...........     1      1    Z1_
.................................................uuuccggcucgcguggAu...........     1      1    Z1_
.................................................uuuccggcucgcgugCgug.........     1      1    Z1_
.................................................uuuccUgcucgcgugggug.........     1      1    Z1_
.................................................uuuccAgcucgcgugggug.........     3      1    Z1_
.................................................uAuccggcucgcgugggug.........     3      1    Z1_
.................................................uuuccgUcucgcgugggug.........     3      1    Z1_
.................................................uuucUggcucgcgugggug.........     1      1    Z1_
.................................................uuuccggcucgcgGgggug.........     3      1    Z1_
.................................................uuucAggcucgcgugggug.........     1      1    Z1_
.................................................uuuccggGcgcgugggug..........     1      1    Z1_
.................................................uuuccggcucgcgugggCg.........     6      1    Z1_
.................................................uuuccggAucgcgugggug.........     1      1    Z1_
.................................................uuuccggCcgcgugggug..........     7      1    Z1_
.................................................uuuccggcucgcguggAug.........     2      1    Z1_
.................................................uuuccggcucgcguAggug.........     1      1    Z1_
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.................................................uuuccggcucgcCugggug.........     3      1    Z1_
.................................................uuuccggcucgcgugggug.........  1525      0    Z1_
.................................................uuuccggcucgcgAgggug.........     3      1    Z1_
.................................................uCuccggcucgcgugggug.........     9      1    Z1_
.................................................uuAccggcucgcgugggug.........     3      1    Z1_
.................................................uuuccggcucAcgugggug.........     1      1    Z1_
.................................................uuuccggcucgcAugggug.........     4      1    Z1_
.................................................Cuuccggcucgcgugggug.........    11      1    Z1_
.................................................uuuccgAcucgcgugggug.........     2      1    Z1_
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.................................................uuuccggcucgcgugggAg.........     1      1    Z1_
.................................................uuuccggcucgcguggguA.........   127      1    Z1_
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.................................................uuuccggcucgcgCgggugu........     4      1    Z1_
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.................................................uuuUcggcucgcgugggugu........     1      1    Z1_
.................................................Auuccggcucgcgugggugu........     1      1    Z1_
.................................................uuuccggcCcgcgugggugu........     5      1    Z1_
.................................................uuuccggcucgcgugggugC........    76      1    Z1_
.................................................uuuccggcucAcgugggugu........     1      1    Z1_
.................................................uuuccggcuUgcgugggugu........    13      1    Z1_
.................................................uuucUggcucgcgugggugu........     1      1    Z1_
.................................................Cuuccggcucgcgugggugu........    10      1    Z1_
.................................................uuuccggcucgGgugggugu........     1      1    Z1_
.................................................uuuccggcucgcguggguAu........     1      1    Z1_
.................................................uuuccggcucgcgugggugG........    14      1    Z1_
.................................................uuuccggcucgcAugggugu........     1      1    Z1_
.................................................uuuccggcucgcgugggugu........   756      0    Z1_
.................................................uuuccggcucgAgugggugug.......     6      1    Z1_
.................................................uuuccgUcucgcgugggugug.......     1      1    Z1_
gcugcuggacccacccggccgggaaua...................uuuccgAcucgcgugggugug.......    14      1    Z1_
.................................................uuuccggcucgGgugggugug.......     5      1    Z1_
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hsa-miR-1180-5p

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

```
........................................uuuccggcucgcgugggugAg........   4      1    Z1_
........................................uuuccggcucgcguggguUug........   1      1    Z1_
........................................uuuccggcucCcgugggugug........   2      1    Z1_
........................................uuuccgCcucgcgugggugug........   4      1    Z1_
........................................uuuccggcAcgcgugggugug........   2      1    Z1_
........................................uuuccggcucgcguggguguC........   86     1    Z1_
........................................uuuccggcucgcguggUugug........   1      1    Z1_
........................................uuuccggcucgcguggguguA........   686    1    Z1_
........................................uuuccggcucAcgugggugug........   15     1    Z1_
........................................uuuccAgcucgcgugggugug........   4      1    Z1_
........................................uuuccggcuAgcgugggugug........   2      1    Z1_
........................................uuuccggcCcgcgugggugug........   44     1    Z1_
........................................uuuccggcucgcguggguCug........   2      1    Z1_
........................................uuucGggcucgcgugggugug........   4      1    Z1_
........................................uuuccggcucUcgugggugug........   2      1    Z1_
........................................uAuccggcucgcgugggugug........   4      1    Z1_
........................................uuuccggcucgcguggAugug........   8      1    Z1_
........................................uuuccggcucgcguggguAug........   13     1    Z1_
........................................uuuAcggcucgcgugggugug........   3      1    Z1_
........................................Guuccggcucgcgugggugug........   5      1    Z1_
........................................uuuccggcucgcguAggugug........   7      1    Z1_
........................................uuuccggcuUgcgugggugug........   29     1    Z1_
........................................uuuccggcucgcgCgggugug........   33     1    Z1_
........................................uuuccggcucgcguCggugug........   2      1    Z1_
........................................Auuccggcucgcgugggugug........   14     1    Z1_
........................................uuuccggcucgcCugggugug........   4      1    Z1_
........................................uuuccggcucgcgugggugCg........   44     1    Z1_
........................................Cuuccggcucgcgugggugug........   55     1    Z1_
........................................uuuUcggcucgcgugggugug........   5      1    Z1_
........................................uuuccggcucgUgugggugug........   13     1    Z1_
........................................uuuccggAucgcgugggugug........   2      1    Z1_
........................................uCuccggcucgcgugggugug........   24     1    Z1_
........................................uuAccggcucgcgugggugug........   1      1    Z1_
........................................uuuccggcucgcgugUgugug........   2      1    Z1_
........................................uuCccggcucgcgugggugug........   49     1    Z1_
........................................uuuccggcucgcgAgggugug........   6      1    Z1_
........................................uuuccggcucgcgugggugug........   7634   0    Z1_
........................................uuucAggcucgcgugggugug........   2      1    Z1_
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........................................uuuccggcucgcgugggGgug........   6      1    Z1_
........................................uuuccggUucgcgugggugug........   10     1    Z1_
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........................................uuuccggcucgcAugggugug........   11     1    Z1_
........................................uuuccggcucgcgugggugGg........   5      1    Z1_
........................................uuuccggcucgcguggguguU........   773    1    Z1_
........................................uuucUggcucgcgugggugug........   11     1    Z1_
........................................uGuccggcucgcgugggugug........   11     1    Z1_
........................................uuuccggcucgcgugAgugug........   9      1    Z1_
........................................uuCccggcucgcgugggugugu.......   3      1    Z1_
........................................uuuUcggcucgcgugggugugu.......   1      1    Z1_
........................................uuuccggcucgcgugggugCgu.......   1      1    Z1_
........................................uuuccggcucgcguggguguAu.......   3      1    Z1_
........................................uuuccggcucgcgugCgugugu.......   1      1    Z1_
........................................uuuccggcucgAgugggugugu.......   1      1    Z1_
........................................uuuccggcucgUgugggugugu.......   5      1    Z1_
........................................Cuuccggcucgcgugggugugu.......   3      1    Z1_
........................................uuuccggcucAcgugggugugu.......   2      1    Z1_
........................................uuuccggcucgcgugggCgugu.......   3      1    Z1_
........................................uuuccAgcucgcgugggugugu.......   1      1    Z1_
........................................uuuccggcucgcgugggugugG.......   19     1    Z1_
........................................uuuccggcucgcgugggugugA.......   1398   1    Z1_
........................................uuuccggcucgcgugggugugu.......   522    0    Z1_
........................................uCuccggcucgcgugggugugu.......   5      1    Z1_
........................................uuuccgCcucgcgugggugugu.......   1      1    Z1_
........................................uuuccggcCcgcgugggugugu.......   2      1    Z1_
gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcguggguguUu.......   3      1    Z1_
........................................uuuccggcucgcgugggGgugu.......   2      1    Z1_
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hsa-miR-1180-3p

hsa-miR-1180-5p

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

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................................................uuuccggcuUgcgugggugugu.......   1     1    Z1_
................................................uuuccggcucgcguggCugugu.......   1     1    Z1_
................................................uuuccCugcucgcgugggugugu.......  1     1    Z1_
................................................uuucUggcucgcgugggugugu.......   5     1    Z1_
................................................uuuccggcucgcCugggugugu.......   1     1    Z1_
................................................uuuccggcucgcgugggugugC.......   43    1    Z1_
................................................uuuccggUucgcgugggugugu.......   1     1    Z1_
................................................uuuccggcucgcguggguguguG......   23    1    Z1_
................................................uuuccggcucgcgAggguguguc......  1     1    Z1_
................................................uuuccggcucgcguggguguguc......  10    0    Z1_
................................................uuuccggcucgcgugggugugGc......  2     1    Z1_
................................................uuuccggcucgcguggguguguU......  110   1    Z1_
................................................uuuccggcucgcguggguguguA......  53    1    Z1_
................................................uuuccggcucgcguggguguguAg.....  19    1    Z1_
..................................................uuUcggcucgcgugggugug........ 2     1    Z1_
..................................................uuccggcucgcgugggugug........ 2     0    Z1_


....................................................uuuccggcucgcgugggA...........  1    1    Z3_
....................................................uuuccggcucgcgugggu...........  6    0    Z3_
....................................................uuuccggcucgcguggguU..........  5    1    Z3_
....................................................uuuccggcucgcgCgggug..........  2    1    Z3_
....................................................uuuccggcucAcgugggug..........  1    1    Z3_
....................................................uuuccggGucgcgugggug..........  1    1    Z3_
....................................................uuuccggcucgcguggAug..........  1    1    Z3_
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....................................................uuuccggcucgcgugAgug..........  1    1    Z3_
....................................................uuuccggcucgcguggguC..........  1    1    Z3_
....................................................uuuccggcCcgcgugggug..........  1    1    Z3_
....................................................uuuccggcucgUgugggug..........  1    1    Z3_
......................................................uCuccggcucgcgugggug..........  2    1    Z3_
....................................................uuuccggcucgcguggguA..........  18   1    Z3_
....................................................uuuccggcucgcgugggug..........  276  0    Z3_
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....................................................uuuccggcucgcgugggugG.........  1    1    Z3_
....................................................uuuccggcucgcgugggGcgu.........  3    1    Z3_
......................................................Cuuccggcucgcgugggugu.........  1    1    Z3_
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......................................................Guuccggcucgcgugggugug........  2    1    Z3_
....................................................uuuccggcucgcgugggCgug........  6    1    Z3_
......................................................Cuuccggcucgcgugggugug........  12   1    Z3_
....................................................uuuccggcucgcgugggugCg........  7    1    Z3_
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....................................................uuuccggcucgcguggguguU........  158  1    Z3_
....................................................uuuccggcucgcAugggugug........  1    1    Z3_
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....................................................uuuccggcucgcgugggugAg........  8    1    Z3_
....................................................uuuccggcucgcgugAgugug........  3    1    Z3_
....................................................uuuccggcucgUgugggugug........  9    1    Z3_
gcugcuggacccacccggccgggaaua.........................uuuccggcucgcgugggGgug........  1    1    Z3_
....................................................uuuccggcucgcguAggugug........  1    1    Z3_
```

hsa-miR-1180-5p

gcugcuggacccacccggccgggaauagugcuccugguuguuuccggcucgcgugggugugucggcggc

```
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................................................uuuccggcuUgcgugggugug........    13     1    Z3_
................................................uuuccggcucgcCugggugug........    1      1    Z3_
................................................uuuccggcucgcgCgggugug........    4      1    Z3_
................................................uuuccggcucgcgugggguguA........    175    1    Z3_
................................................uuuccggcucgcgugggAgug........    3      1    Z3_
................................................uuuccggcucgcgGgggugug........    1      1    Z3_
................................................uuuccgAcucgcgugggugug........    1      1    Z3_
................................................uuuccggcucgcgugggguguC........    20     1    Z3_
................................................uuuccggcucAcgugggugug........    2      1    Z3_
................................................uuuccggcCcgcgugggugug........    12     1    Z3_
................................................uuuccggcucgcgugggugug........    1374   0    Z3_
................................................uCuccggcucgcgugggugug........    7      1    Z3_
................................................uuucUggcucgcgugggugug........    5      1    Z3_
................................................uuuccggUucgcgugggugug........    5      1    Z3_
................................................uAuccggcucgcgugggugug........    2      1    Z3_
................................................uuCccggcucgcgugggugug........    2      1    Z3_
................................................uuuccAgcucgcgugggugug........    5      1    Z3_
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................................................uuuccggcucgcgugggugugC.......    13     1    Z3_
................................................uuuccggcucgcgugggugugA.......    281    1    Z3_
................................................uuuccggcCcgcgugggugugu.......    1      1    Z3_
................................................uuuccggcucgcgugggugugu.......    120    0    Z3_
................................................uuuccggcucgcgGgggugugu.......    1      1    Z3_
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................................................uuuccggcucgcguggguguguA......    5      1    Z3_
................................................uuuccggcucgcguggguguguG......    2      1    Z3_
................................................uuuccggcucgcguggguguguU......    22     1    Z3_
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................................................uuccggcucgcgugggugug........    1      0    Z3_
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