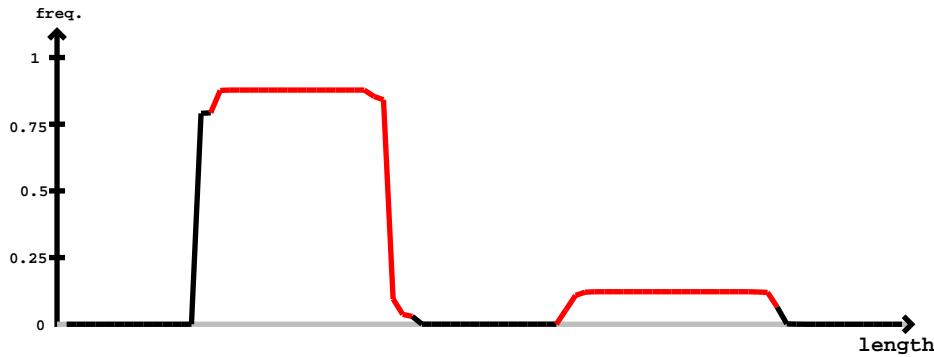miRBase precursor   : hsa-mir-142
Total read count   : 23555
hsa-miR-142-5p read count : 20668
hsa-miR-142-3p read count : 2874
remaining reads   : 13


```
                                                    hsa-miR-142-3p

                   hsa-miR-142-5p
5'- gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug  -3'    exp
    .(((((((((.(((.(((((((((((((.(((((((((...(..(....)..)..)))))))))).)))))))))).))).)))))))).   reads      mm      sample
    ..............cccauaaaguagaaUgca..............................................................    1         1        Z3_
    ..............cccauaaaAuagaaagca..............................................................    1         1        Z3_
    ..............cccauaaaguagaaagca..............................................................   31         0        Z3_
    ..............cccaCaaaguagaaagca..............................................................    2         1        Z3_
    ..............cccauaGaguagaaagcac.............................................................    1         1        Z3_
    ..............cccauaaaguagaaagcac.............................................................   12         0        Z3_
    ..............cccauaaaguagaGagcac.............................................................    1         1        Z3_
    ..............cccauaaaguagaaagcaU.............................................................    1         1        Z3_
    ..............cccauaaaguagaaGgcacu............................................................    1         1        Z3_
    ..............cccauaaaAuagaaagcacu............................................................    2         1        Z3_
    ..............cccauaaaguagaaagUacu............................................................    5         1        Z3_
    ..............cccauaaaguagaaagcGcu............................................................    3         1        Z3_
    ..............cccauaaaguagaaagcacC............................................................   86         1        Z3_
    ..............cAcauaaaguagaaagcacu............................................................    1         1        Z3_
    ..............cccauaaaguagGaagcacu............................................................    9         1        Z3_
    ..............cccaCaaaguagaaagcacu............................................................    2         1        Z3_
    ..............cccauaaaguagaGagcacu............................................................    4         1        Z3_
    ..............cGcauaaaguagaaagcacu............................................................    1         1        Z3_
    ..............cccauGaaguagaaagcacu............................................................    7         1        Z3_
    ..............cccauaaGguagaaagcacu............................................................   12         1        Z3_
    ..............cccauaaaguagaaaUcacu............................................................    1         1        Z3_
    ..............cUcauaaaguagaaagcacu............................................................    3         1        Z3_
    ..............cccauaaaguagaaagcacG............................................................    5         1        Z3_
    ..............Uccauaaaguagaaagcacu............................................................   10         1        Z3_
    ..............cccauaaaguagaaagcacA............................................................   36         1        Z3_
    ..............cccauaaaguagaaaAcacu............................................................    2         1        Z3_
    ..............cccauaaaguagaaagcaUu............................................................    4         1        Z3_
    ..............cccauaGaguagaaagcacu............................................................    2         1        Z3_
    ..............cccGuaaaguagaaagcacu............................................................    4         1        Z3_
    ..............cccCuaaaguagaaagcacu............................................................    5         1        Z3_
    ..............cccauaaaguGgaaagcacu............................................................    7         1        Z3_
    ..............ccUauaaaguagaaagcacu............................................................    1         1        Z3_
    ..............cccauaaaguaAaaagcacu............................................................    1         1        Z3_
    ..............cccauaaagCagaaagcacu............................................................    4         1        Z3_
```

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gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug

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...........cccauaaaguagaaagcacu.........................................  1249  0    Z3_
...........cccauaaaguagaaUgcacu.........................................  3     1    Z3_
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...........cccauaaaguagaUagcacu.........................................  1     1    Z3_
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...........Accauaaaguagaaagcacua........................................  3     1    Z3_
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...........cccGuaaaguagaaagcacua........................................  1     1    Z3_
...........cccauaaaguagaaagcacCa........................................  1     1    Z3_
...........cccauaaGguagaaagcacuac.......................................  2     1    Z3_
...........cccauaaaguagaaagcacuaA.......................................  3     1    Z3_
...........cccauaaaguagaaagcacuaG.......................................  1     1    Z3_
...........cccauaaaguagaaagcacuac.......................................  3     0    Z3_
...........cccauaaaguagaaagcacuacu......................................  3     0    Z3_
...........cccauaaaguagaaagcacuacA......................................  2     1    Z3_
............ccauaaaguagaaagcacu.........................................  5     0    Z3_
............cauaaaguagaaagcacC..........................................  3     1    Z3_
............cauaaaguagaaagcacA..........................................  1     1    Z3_
............cauaaaguagaaagcaUu..........................................  1     1    Z3_
............Aauaaaguagaaagcacu..........................................  2     1    Z3_
............cGuaaaguagaaagcacu..........................................  2     1    Z3_
............cauaaaguGgaaagcacu..........................................  1     1    Z3_
............cauaaaguagaaagcacu..........................................  63    0    Z3_
............cauaGaguagaaagcacu..........................................  1     1    Z3_
............cauaaaguagaaagcacua.........................................  22    0    Z3_
............Gauaaaguagaaagcacua.........................................  1     1    Z3_
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............cauaaaguagaaagcacuacC.......................................  3     1    Z3_
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............cauaaaguagaaagcacuacuaacagcacuggagggu.......................  1     0    Z3_
.............auaaaguagaaagcacua.........................................  1     0    Z3_
.............auaaaguagaaagcacuacC.......................................  2     1    Z3_
.............auaaaguagaaagcacuaUu.......................................  2     1    Z3_
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..............................................uguaguguuuccuacuuuaug.....  1     0    Z3_
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..............................................uguagCguuuccuacuuuaugg....  2     1    Z3_
..............................................uguaguguuCccuacuuuaugg....  2     1    Z3_
..............................................uguaguguuuccuaUuuuaugg....  6     1    Z3_
..............................................uUuaguguuuccuacuuuaugg....  1     1    Z3_
..............................................uguGguguuuccuacuuuaugg....  3     1    Z3_
..............................................uguaguguuucUuacuuuaugg....  1     1    Z3_
..............................................uguaguguuuccuacuuuaugg....  40    0    Z3_
..............................................uguaguguuuccuacuuuauggU...  14    1    Z3_
..............................................uguaguguuuccuacuuCaugga...  1     1    Z3_
..............................................uguaguguuuccuacuuuaugga...  57    0    Z3_
..............................................uguaguguuuccuacuuuauggG...  3     1    Z3_
..............................................uguaguguuccuaUuuuaugga....  1     1    Z3_
..............................................uguaguguuucUuacuuuaugga...  7     1    Z3_
...............................................guaguguuuccuacuuuau......  2     0    Z3_
...............................................guaguguuuccuacuuuaug.....  1     0    Z3_
...............................................guaguguuuccuacuuuaugg....  31    0    Z3_
...............................................guaguguuuccuaUuuuaugg....  2     1    Z3_
...............................................guaguguuuccuacuuuaugA....  4     1    Z3_
...............................................guagugCuuccuacuuuaugga...  1     1    Z3_
...............................................guaguguuuccuacuuuaugga...  49    0    Z3_
...............................................guaguguuuccuaUuuuaugga...  2     1    Z3_
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...............................................guaguguuuccuacuuuaCgga...  1     1    Z3_
```

gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug

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.......................................................guaguguuuccuacuuuauggU.............     3    1    Z3_
.......................................................guUguguuuccuacuuuaugga.............     1    1    Z3_
.......................................................guaguguuuccuacuuuauggaA............     2    1    Z3_
.......................................................uaguguuuccuacuuuaug...............     2    0    Z3_
.......................................................uaguguuuccuaUuuuaug...............     1    1    Z3_
.......................................................uaguguuuccuacuuuCugg.............     1    1    Z3_
.......................................................uaguguuuccuacuuuaugg.............    25    0    Z3_
.......................................................uaguguuuccuacuuuaugga.............     9    0    Z3_
.......................................................aguguuuccuacuuuaugg.............     1    0    Z3_


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............acccauaaaguagaaagcacua................................................     1    0    GDM
............cccauaaaguagaaagcG....................................................     6    1    GDM
............cccauaaaguagaaagUa....................................................     2    1    GDM
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............cccauaaGguagaaagca....................................................     4    1    GDM
............cccauaaGaguagaaagca...................................................     4    1    GDM
............cccauaaaguagaaagca....................................................   410    0    GDM
............cccauaaaguagaaagcG....................................................     6    1    GDM
............cccaCaaaguagaaagca....................................................     1    1    GDM
............cccauaGaguagaaagca....................................................     4    1    GDM
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............cccauaaaguagGaagca....................................................     2    1    GDM
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............cccauaaaguagaaagcacu..................................................   410    0    GDM
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............cccauaaaguagaaagcGc...................................................     1    1    GDM
............cccauaaUguagaaagcac...................................................     1    1    GDM
............cccauaaaguagaaagcaU...................................................    13    1    GDM
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............cccauaaaguagaaagUacu..................................................    14    1    GDM
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............cccauaaaguagaaagcacG..................................................    55    1    GDM
............cccauaaaguagaGagcacu..................................................    45    1    GDM
............ccAauaaaguagaaagcacu..................................................     4    1    GDM
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............cccGuaaaguagaaagcacu..................................................    51    1    GDM
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hsa-miR-142-3p

hsa-miR-142-5p

gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug

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..............cccauaaaguagaaCgcacu.......................................    2      1    GDM
..............cccaCaaaguagaaagcacu.......................................    18     1    GDM
..............cGcauaaaguagaaagcacu.......................................    5      1    GDM
..............cccauaaaguagaaaAcacu.......................................    15     1    GDM
..............cccauaaaguagaaaCcacu.......................................    1      1    GDM
..............cccUuaaaguagaaagcacu.......................................    7      1    GDM
..............cccauaaaguagaaGgcacu.......................................    56     1    GDM
..............cccCguaaaguagaaagcacu......................................    51     1    GDM
..............cccauaaaguagaUagcacu.......................................    11     1    GDM
..............cccauaaaCagaaagcacu........................................    23     1    GDM
..............cccauaaaguagaaagUacu.......................................    14     1    GDM
..............cccauaaaguagaaagUacu.......................................    14     1    GDM
..............cccauaaaguGgaaagcacu.......................................    22     1    GDM
..............ccAauaaaguagaaagcacu.......................................    4      1    GDM
..............cccauaaaguaUaaagcacu.......................................    5      1    GDM
..............cccauaaaguagGaagcacu.......................................    60     1    GDM
..............cccauaaaguagaaUgcacu.......................................    11     1    GDM
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..............Accauaaaguagaaagcacu.......................................    8      1    GDM
..............cccauaaaguagaaagcacC.......................................    671    1    GDM
..............ccUauaaaguagaaagcacu.......................................    12     1    GDM
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..............cccauaaaguaAaaagcacu.......................................    13     1    GDM
..............cccauaaaguaUaaagcacu.......................................    5      1    GDM
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..............cccauaaaguagaaagcGcu.......................................    26     1    GDM
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..............cccauaaaguagaaaUcacu.......................................    5      1    GDM
..............cccauGaaguagaaagcacu.......................................    33     1    GDM
..............cGcauaaaguagaaagcacu.......................................    5      1    GDM
..............cccauaaagCagaaagcacu.......................................    23     1    GDM
..............cccauaaaguagaaagcaUu.......................................    15     1    GDM
..............cccauaaaAuagaaagcacu.......................................    9      1    GDM
..............cccauaaaguagaaaUcacu.......................................    5      1    GDM
..............cUcauaaaguagaaagcacu.......................................    15     1    GDM
..............Uccauaaaguagaaagcacu.......................................    31     1    GDM
..............cAcauaaaguagaaagcacu.......................................    3      1    GDM
..............cccauaaaAuagaaagcacu.......................................    9      1    GDM
..............cccauUaaguagaaagcacu.......................................    7      1    GDM
..............cccauaaagAagaaagcacu.......................................    2      1    GDM
..............cccauaaaguagaaagcacu.......................................    8477   0    GDM
..............cccauaaUguagaaagcacu.......................................    5      1    GDM
..............cccauaaaguagUaagcacu.......................................    10     1    GDM
..............cccCuaaaguagaaagcacu.......................................    19     1    GDM
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..............cccauaaaguagaGagcacu.......................................    45     1    GDM
..............cccauaCaguagaaagcacu.......................................    3      1    GDM
..............cccauaaaguagaaagcacu.......................................    8477   0    GDM
..............cccauaaaguUgaaagcacu.......................................    5      1    GDM
..............cccauaGguagaaagcacu.......................................    42     1    GDM
..............cccauaaaguagaaagcacA.......................................    212    1    GDM
gacagugcacccAccauaaaguagaaagcacu.aacagcacuggagggguaguguuuccuacuuuauggaugaguguacugug  8  1  GDM
..............cccauaaaguagaaagcacC.......................................    671    1    GDM
```

gacagugcagucacc**cauaaaaguagaaagcacacu**aacagcacuggaggg**uguaguguuuccuacuuuaugga**ugaguguacugug

```
..............cccauaaaguagUaagcacu...................................................    10      1     GDM
..............cccauaaaguagGaagcacu...................................................    60      1     GDM
..............cccauaaaguagaaagcacG...................................................    55      1     GDM
..............cccauaaaguagaaagcaUu...................................................    15      1     GDM
..............cccauaaaguagUaagcacu...................................................    10      1     GDM
..............cccauaaaguGgaaagcacu...................................................    22      1     GDM
..............cccauaaaguagaaagcacA...................................................   212      1     GDM
..............cccUuaaaguagaaagcacu...................................................     7      1     GDM
..............cccauaaaguagaaagAacu...................................................     3      1     GDM
..............cccauaUaguagaaagcacu...................................................     3      1     GDM
............Uccauaaaguagaaagcacu.....................................................    31      1     GDM
............cccauaaaguUgaaagcacu.....................................................     5      1     GDM
............cccauaaaguagaaagcCcu.....................................................     5      1     GDM
............ccUauaaaguagaaagcacu.....................................................    12      1     GDM
............cccaCaaaguagaaagcacu.....................................................    18      1     GDM
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............cccauaaaguagaUagcacu.....................................................    11      1     GDM
............cccauaaaguUgaaagcacu.....................................................     5      1     GDM
............cUcauaaaguagaaagcacu.....................................................    15      1     GDM
............Uccauaaaguagaaagcacu.....................................................    31      1     GDM
............ccAauaaaguagaaagcacu.....................................................     4      1     GDM
............cccauaaaguagaaUgcacu.....................................................    11      1     GDM
............cccauaaaguagaaUgcacu.....................................................    11      1     GDM
............cccaAaaaguagaaagcacu.....................................................     4      1     GDM
............cccauaaaguagaaagcGcu.....................................................    26      1     GDM
............cccauaaaguagaaagcacu.....................................................  8477      0     GDM
............cccauGaaguagaaagcacu.....................................................    33      1     GDM
............ccccCuaaaguagaaagcacu....................................................    19      1     GDM
............cccauaaaguagaaGgcacu.....................................................    56      1     GDM
..........Accauaaaguagaaagcacu.......................................................     8      1     GDM
............cccauaaGguagaaagcacu.....................................................    65      1     GDM
............cccCuaaaguagaaagcacu.....................................................    19      1     GDM
............cccauaGaguagaaagcacu.....................................................    42      1     GDM
............cccauaaaguaAaaagcacu.....................................................    13      1     GDM
............cccauaaaguagaaagcGcu.....................................................    26      1     GDM
............cccauaaaguagaaaAcacu.....................................................    15      1     GDM
............cccauUaaguagaaagcacu.....................................................     7      1     GDM
............cccaAaaaguagaaagcacu.....................................................     4      1     GDM
............cccauaCaguagaaagcacu.....................................................     3      1     GDM
............cccauaaaguagaaagcCcu.....................................................     5      1     GDM
............ccGauaaaguagaaagcacu.....................................................     1      1     GDM
............cccauaaaguaUaaagcacu.....................................................     5      1     GDM
............cccauaaaguagaaagcaGu.....................................................     1      1     GDM
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............cccauaaaguagaaagcacC.....................................................   671      1     GDM
............cccauaaaguagaaagcacG.....................................................    55      1     GDM
............ccUauaaaguagaaagcacu.....................................................    12      1     GDM
............cccauaaaguagaaagcaAu.....................................................     1      1     GDM
............cccauaaaguGgaaagcacu.....................................................    22      1     GDM
............Gccauaaaguagaaagcacu.....................................................     2      1     GDM
............cccaGaaaguagaaagcacu.....................................................     1      1     GDM
............cccauaaAuagaaagcacu......................................................     9      1     GDM
............cccauaGaguagaaagcacu.....................................................    42      1     GDM
............cccauaaagCagaaagcacu.....................................................    23      1     GDM
............cccauaaagAagaaagcacu.....................................................     2      1     GDM
............cUcauaaaguagaaagcacu.....................................................    15      1     GDM
............cccauaaaguagaaagcacua....................................................   565      0     GDM
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............cccauaaGguagaaagcacua....................................................     2      1     GDM
............cccauaaaguagaaagcaUua....................................................     5      1     GDM
............cccauGaaguagaaagcacua....................................................     3      1     GDM
............cccauaaaguagUaagcacua....................................................     1      1     GDM
............cccauaaaguagaaagcaUua....................................................     5      1     GDM
............cccauaaaguagaaagcacUG....................................................     8      1     GDM
............cccauaaGguagaaagcacua....................................................     2      1     GDM
............cccauaaAuagaaagcacua.....................................................     1      1     GDM
gacagugcagucaccUauaaaguagaaagcacua...aacagcacuggaggg uguaguguuuccuacuuuaugga ugaguguacugug     2      1     GDM
............cUcauaaaguagaaagcacua....................................................     1      1     GDM
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gacagugcagucacccauaaaaguagaaagcacucuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug

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............................ccAauaaaguagaaagcacua.........................................    1    1    GDM
............................cccauaaaguagaaagcGcua.........................................    2    1    GDM
............................cccauaaaguagaaGgcacua.........................................    2    1    GDM
............................cccauaaaguGgaaagcacua.........................................    1    1    GDM
............................cccCuaaaguagaaagcacua.........................................    1    1    GDM
............................cccauaaaguagaGagcacua.........................................    2    1    GDM
............................Uccauaaaguagaaagcacua.........................................    1    1    GDM
............................cccauaaaguagaaagcGcua.........................................    2    1    GDM
............................cccauaaaguagaaagcacua.........................................  565    0    GDM
............................cccauaaaguagaaagcacua.........................................  565    0    GDM
............................cccauaaaguagaaagcacCa.........................................    7    1    GDM
............................cccauaaaguagaaagcacuG.........................................    8    1    GDM
............................cccauaaaguagaaagcacuG.........................................    8    1    GDM
............................cccUuaaaguagaaagcacua.........................................    1    1    GDM
............................cccauaaaguaAaaagcacua.........................................    2    1    GDM
............................cccauaaaguagaaaAcacua.........................................    1    1    GDM
............................cccauaaaguagaGagcacua.........................................    2    1    GDM
............................cccauGaaguagaaagcacua.........................................    3    1    GDM
............................cccaCaaaguagaaagcacua.........................................    2    1    GDM
............................cccauaaaguagaaagcacCa.........................................    7    1    GDM
............................cccauaaaguagGaagcacua.........................................    1    1    GDM
............................cccauaaaguagaaagcaUua.........................................    5    1    GDM
............................cccauaaagCagaaagcacua.........................................    1    1    GDM
............................cccCGuaaaguagaaagcacua........................................    2    1    GDM
............................cccauUaaguagaaagcacua.........................................    1    1    GDM
............................cccauaaaguagaUagcacua.........................................    1    1    GDM
............................cccauaaaguaUaaagcacua.........................................    2    1    GDM
............................cccCGuaaaguagaaagcacua........................................    2    1    GDM
............................cccauaaaguagaaagUacua.........................................    1    1    GDM
............................cccauaaaguagaaagcacCa.........................................    7    1    GDM
............................cccauaaaguaUaaagcacua.........................................    2    1    GDM
............................cccauaaaguagaaagUacuac........................................    1    1    GDM
............................cccauaaaguagaaagcacuaA.......................................   28    1    GDM
............................cccauaaaguagaaagcacuac.......................................   33    0    GDM
............................cccauaaaguagaaagcGcuac.......................................    1    1    GDM
............................cccauaaaguagaaagcacuaU.......................................   12    1    GDM
............................cccauaaaguagaaagcacuac.......................................   33    0    GDM
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............................Uccauaaaguagaaagcacuac.......................................    2    1    GDM
............................cccauaaaguagaaagcacuaA.......................................   28    1    GDM
............................cccauUaaguagaaagcacuac.......................................    2    1    GDM
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............................cccaCaaaguagaaagcacuac.......................................    2    1    GDM
............................cccauaaaguagaaagcacuac.......................................   33    0    GDM
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............................cccauaaaguagaaagcacuacC......................................    4    1    GDM
............................cccauaaaguagaaagcacuaUu......................................    2    1    GDM
............................cccauaaaguagaaagcacuacC......................................    4    1    GDM
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..............................ccauaaaguagaaagcacu.........................................   23    0    GDM
..............................ccauaaaguagaaagcacu.........................................   23    0    GDM
..............................ccauaaaguagaGagcacu.........................................    1    1    GDM
..............................ccauaaaguagaaagcacu.........................................   23    0    GDM
..............................ccauaaaguagaaagcacC.........................................    1    1    GDM
..............................ccauaaagCagaaagcacu.........................................    1    1    GDM
..............................ccauaaGguagaaagcacu.........................................    3    1    GDM
..............................Acauaaaguagaaagcacu.........................................    1    1    GDM
...............................cauaaagCagaaagcacu.........................................    2    1    GDM
...............................cauaaUguagaaagcacu.........................................    3    1    GDM
...............................cauaaaguagaaagcGcu.........................................    3    1    GDM
...............................cauaaaguagaaagcacA.........................................   18    1    GDM
...............................cauaaGguagaaagcacu.........................................    5    1    GDM
...............................caCaaaguagaaagcacu.........................................    5    1    GDM
...............................cauaaaguagGagcacu..........................................    2    1    GDM
...............................cauaaaguagaaaAcacu.........................................    3    1    GDM
gacagugcagucacc...............cauUaaguagaaagcacu..........................................    1    1    GDM
...............................cauaaaguagaaagcacu.........................................  595    0    GDM
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```
                                    hsa-miR-142-3p

              hsa-miR-142-5p

gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggagggguguaguguuuccuacuuuauggaugaguguacugug


...............cauaaGguagaaagcacu.........................................  5    1   GDM
...............cauaaaguagaaagcacu.........................................  595  0   GDM
...............cauaaaguagaaagUacu.........................................  1    1   GDM
...............cGuaaaguagaaagcacu.........................................  5    1   GDM
...............Uauaaaguagaaagcacu.........................................  1    1   GDM
...............cauaaaguagGaagcacu.........................................  2    1   GDM
...............cauaaaguagaaagcacC.........................................  57   1   GDM
...............cauaaaguagaaGgcacu.........................................  4    1   GDM
...............cauaaUguagaaagcacu.........................................  3    1   GDM
...............cauaaaguagaaGgcacu.........................................  4    1   GDM
...............cauaaaguagaGagcacu.........................................  2    1   GDM
...............cauaaaguagaaagcacA.........................................  18   1   GDM
...............cauaaaguagUaagcacu.........................................  2    1   GDM
...............caCaaguagaaagcacu..........................................  5    1   GDM
...............caAaaaguagaaagcacu.........................................  1    1   GDM
...............cauGaaguagaaagcacu.........................................  3    1   GDM
...............cauaGaguagaaagcacu.........................................  4    1   GDM
...............cauaaaguagaaagcacA.........................................  18   1   GDM
...............cauaaaguagaaaCcacu.........................................  1    1   GDM
...............cauaGaguagaaagcacu.........................................  4    1   GDM
...............cauaaaguagaaagcaUu.........................................  1    1   GDM
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...............cauaaaguagaaagcGcu.........................................  3    1   GDM
...............Gauaaaguagaaagcacu.........................................  1    1   GDM
...............cauaaaguagaaagcacC.........................................  57   1   GDM
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...............cauaaaguagaaagcacu.........................................  595  0   GDM
...............cauaaaguaAaaagcacu.........................................  1    1   GDM
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...............cUuaaaguagaaagcacu.........................................  2    1   GDM
...............cauaaaguaUaaagcacu.........................................  1    1   GDM
...............cauaaaguGgaaagcacu.........................................  1    1   GDM
...............cauaaGguagaaagcacua........................................  3    1   GDM
...............cauaaaguagaaagcacua........................................  154  0   GDM
...............cauaaaguagaaagcacua........................................  154  0   GDM
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...............cauaaaguagaGagcacua........................................  2    1   GDM
...............cauaCaguagaaagcacua........................................  1    1   GDM
...............cauaaaguagaaagcacuG........................................  1    1   GDM
...............cauaaaguagaaagcacua........................................  154  0   GDM
...............cauaaaguagaaagcacuac.......................................  17   0   GDM
...............cauaaaguagaaagcacuac.......................................  17   0   GDM
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...............cauaaaguagaaagcacuac.......................................  17   0   GDM
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...............cauaaaguagaaagcacuacC......................................  19   1   GDM
...............cauaaaguagaaagcacuaUu......................................  97   1   GDM
...............cauaaaguagaaagcacuaUu......................................  97   1   GDM
...............cauaaAuagaaagcacuacu.......................................  1    1   GDM
...............cauaaaguagaGagcacuacu......................................  3    1   GDM
...............cauaaGguagaaagcacuacu......................................  1    1   GDM
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...............cauaaaguagaGagcacuacu......................................  3    1   GDM
...............cauaaaguagaaagcacuacG......................................  3    1   GDM
gacagugcagucacccauaaaguagGaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug  4    1   GDM
...............cauaaaguagaaagcacuaUu......................................  97   1   GDM
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gacagugcagucacc**cauaaaguagaaagcacuacu**aacagcacuggaggg**uguaguguuuccuacuuuaugga**ugaguguacugug

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...............cauaaaguagaaagcacuaGu.....................................................  1    1    GDM
...............cauaaaguagaaagcacuacA.....................................................  8    1    GDM
...............cauaaaguagaaagcacuacA.....................................................  8    1    GDM
...............caCaaaguagaaagcacuacu.....................................................  1    1    GDM
...............cauaaaguagaaagcacuacC.....................................................  19   1    GDM
...............cauaaaguagaaagcacuacA.....................................................  8    1    GDM
...............cauaaaguagaaagcacuacu.....................................................  272  0    GDM
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...............cauaaaguagaaagcacuacC.....................................................  19   1    GDM
...............cauaGaguagaaagcacuacu.....................................................  2    1    GDM
...............cauaaaguagaaaAcacuacu.....................................................  2    1    GDM
.................auaaaguagaaagcacua......................................................  8    0    GDM
.................auaaaguagaaagcacua......................................................  8    0    GDM
.................auaaaguagaaagcacua......................................................  8    0    GDM
.................auaaaguagaaagcacuacu....................................................  7    0    GDM
.................auaaGguagaaagcacuacu....................................................  1    1    GDM
.................auaaaguagaaagcacuaUu....................................................  8    1    GDM
.................auaaaguagaaagcacuaUu....................................................  8    1    GDM
.................auaaaguagaaagcacuacu....................................................  7    0    GDM
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...........................................uguaguguuuccuacuuuau..........................  4    0    GDM
...........................................uguaguguuuccuacuuuaug.........................  7    0    GDM
...........................................uguaguguuucUuacuuuaug.........................  2    1    GDM
...........................................uguaguguuuccuacuuuaGg.........................  1    1    GDM
...........................................uguaguguuuccuacuuuaug.........................  7    0    GDM
...........................................uguaguguuuccuacCuuaugg........................  3    1    GDM
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...........................................uguaguguuuccuacuuuaugg........................  310  0    GDM
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...........................................uguaguguCuccuacuuuaugg........................  5    1    GDM
...........................................uguaguguuuccuacuuuaugA.......................  11   1    GDM
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...........................................uAuaguguuuccuacuuuaugg........................  1    1    GDM
...........................................uguaguguuCccuacuuuaugg........................  2    1    GDM
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...........................................uguaguguuuccuacuuuaugg.......................  310  0    GDM
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...........................................uguaguguCuccuacuuuaugg.......................  5    1    GDM
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...........................................uguaguguuuccuacuuuauggG......................  6    1    GDM
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...........................................uguaguguuuccuacCuuaugga......................  2    1    GDM
...........................................uguaguguuuccuaUuuuaugga......................  6    1    GDM
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...........................................uguaguguuuccuacuuCaugga......................  1    1    GDM
...........................................uguaguguuucUuacuuuaugga......................  24   1    GDM
...........................................uguaguguuCccuacuuuaugga......................  2    1    GDM
...........................................uguaguguuuccuacuCuaugga......................  1    1    GDM
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...........................................uguaguguuuccuacuuAaugga......................  1    1    GDM
...........................................uguaguguGuccuacuuuaugga......................  3    1    GDM
gacagugcagucacc**cauaaaguagaaagcacuacu**aacagcacuggaggg**uguaguguGuccuacuuuaugga**ugaguguacugug  3    1    GDM
...........................................uguaguguuuccuaUuuuaugga......................  6    1    GDM
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gacagugcagucacccauaaaguagaaagcacacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug

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....................................................uguagCguuuccuacuuuaugga............   3     1   GDM
....................................................uguaguguuuccuacuuuauggU............  56     1   GDM
....................................................uguaguguuuccuacuuuaAgga............   2     1   GDM
....................................................uguaguguuAccuacuuuaugga............   1     1   GDM
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....................................................uguaguguuuccuacuuuauggG............   6     1   GDM
....................................................Cguaguguuuccuacuuuaugga............   1     1   GDM
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....................................................uguaguguuuccuacuuuaCgga............   1     1   GDM
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.....................................................guaguguuuccuacGuuaugg............   1     1   GDM
.....................................................guaguguuuccuacuuuaugA............  21     1   GDM
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.....................................................guaguguuuccuaUuuuaugg............  13     1   GDM
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.....................................................guaguguuuccuacuCuaugg............   2     1   GDM
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.....................................................guaguguuuccuacuuuaugg............ 279     0   GDM
.....................................................guaguguuuccuacuuuaugU............   5     1   GDM
.....................................................guaguguuuccuacuCuaugg............   2     1   GDM
.....................................................guaAuguuuccuacuuuaugg............   1     1   GDM
.....................................................guaguguCuccuacuuuaugg............   4     1   GDM
.....................................................guaguguuuccuaUuuuaugg............  13     1   GDM
.....................................................guaguguuAccuacuuuaugg............   1     1   GDM
.....................................................guaguguuuccuacuuuaugC............   2     1   GDM
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.....................................................guaguguuucUuacuuuaugg............   6     1   GDM
.....................................................guaguguuuccuacuuuaugU............   5     1   GDM
.....................................................guaguguuuccuacCuuaugga............   5     1   GDM
.....................................................guaguguuuccuacuuuaugga............ 451     0   GDM
.....................................................guaguguuuccCacuuuaugga............   3     1   GDM
....................................................guaguguuuccuaUuuuaugga............  10     1   GDM
.....................................................guagugCuuccuacuuuaugga............   6     1   GDM
gacagugcagucacccauaaaguagaaagcacacu.................guaguguuucUuacuuuaugga............  17     1   GDM
.....................................................guagCguuuccuacuuuaugga............   2     1   GDM
```

hsa-miR-142-5p

gacagugcagucacc**cauaaaguagaaagcacuacu**aacagcacuggaggg**uguaguguuuccuacuuuaugga**ugaguguacugug

Sequence			
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....guaguguuuccuCcuuuaugga..............	1	1	GDM
....gAaguguuuccuacuuuaugga..............	1	1	GDM
....guaguguuucUuacuuuaugga..............	17	1	GDM
....guaguguuuccuacuuuauggU..............	22	1	GDM
....guCguguuuccuacuuuaugga..............	1	1	GDM
....guaguguuuccuaUuuuaugga..............	10	1	GDM
....guaguguuucUuacuuuaugga..............	17	1	GDM
....guaguguuuccuacuuCaugga..............	1	1	GDM
....guaguguuuccuacuuuauggU..............	22	1	GDM
....guaguguuuccuacuuuauggG..............	4	1	GDM
....guaguguuuccuacuuuauggU..............	22	1	GDM
....guaguguCuccuacuuuaugga..............	4	1	GDM
....guaguguuuccuaUuuuaugga..............	10	1	GDM
....guaguguuuccuacuuuaugga..............	451	0	GDM
....guaguguuuccCacuuuaugga..............	3	1	GDM
....guagAguuuccuacuuuaugga..............	2	1	GDM
....guagugCuuccuacuuuaugga..............	6	1	GDM
....guaguguuuccuacuuuauggG..............	4	1	GDM
....Auaguguuuccuacuuuaugga..............	1	1	GDM
....guagugAuuccuacuuuaugga..............	1	1	GDM
....guaguguuuccuacuCuaugga..............	1	1	GDM
....guaguguCuccuacuuuaugga..............	4	1	GDM
....guagugCuuccuacuuuaugga..............	6	1	GDM
....guaguguuuccuacuuuGugga..............	1	1	GDM
....guaguAuuuccuacuuuaugga..............	1	1	GDM
....guaguguuuccuacCuuaugga..............	5	1	GDM
....guaguguuuccuacuuuaugga..............	451	0	GDM
....guaguguuuccuacuuuauggaA.............	5	1	GDM
....guaguguuuccuacuuuauggaA.............	5	1	GDM
....uaguguuuccuacuuuau................	4	0	GDM
....uaguguuuccuacuuuaugg..............	116	0	GDM
....uaguguuuccuacCuuaugg..............	5	1	GDM
....uaguguuuccuacuuuaugA..............	7	1	GDM
....uaguguuCccuacuuuaugg..............	1	1	GDM
....uaguguuuccuacuuuaugA..............	7	1	GDM
....uaguguuuccuacuuuaugg..............	116	0	GDM
....uaguguuuccuacCuuaugg..............	5	1	GDM
....uagugCuuccuacuuuaugg..............	1	1	GDM
....uaguguuuccuacuuuGugg..............	2	1	GDM
....uaguguuuccuacuuuaugg..............	116	0	GDM
....uagCguuuccuacuuuaugg..............	1	1	GDM
....uaguguuuccuacuuuaugC..............	1	1	GDM
....uaguguuuccuacuuuGugg..............	2	1	GDM
....uaguguuuccuacuAuaugga.............	1	1	GDM
....uaguguuuUcuacuuuaugga.............	9	1	GDM
....uaguguuuUcuacuuuaugga.............	9	1	GDM
....uaguguuuccuacuuuaugga.............	47	0	GDM
....Aaguguuuccuacuuuaugga.............	2	1	GDM
....uaguguuuccuacuuuauggC.............	1	1	GDM
....uaguguuuccuacuuuaugga.............	47	0	GDM
....uaguguuuccAacuuuaugga.............	1	1	GDM
....uaguguuuccuacuuuauggU.............	2	1	GDM
....uaguguuuccuacuuuaugga.............	47	0	GDM
....uaguguuuccuacuuuauggUu............	2	1	GDM
....aguguuuccuacuuuaug..............	1	0	GDM
....aguguuuccuacuuuaugg.............	15	0	GDM
....Gguguuuccuacuuuaugg.............	1	1	GDM
....aguguuuccuacuuuaugA.............	3	1	GDM
....aguguuuccuacuuuaugg.............	15	0	GDM
....aguguuuccuacuuuaugg.............	15	0	GDM
....aguguuucUuacuuuaugga............	2	1	GDM
....aguguCuccuacuuuaugga............	1	1	GDM
....aguguuuccuacuuuauggU............	1	1	GDM
....aguguuuccuacuuuaugga............	1	0	GDM
....aguguuuccuacuCuauggaug.........	1	1	GDM

hsa-miR-142-5p

Sequence			
....aguguuuccuacuuuauggaug.........	3	0	GDM
gacagugcagucacc**cauaaaguagaaagcacuacu**aacagcacuggaggg...aguguuuccuacuuuauggaug.........	3	0	GDM
....aguguuuccuacuuuauggauA.........	2	1	GDM

gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuccuacuuuauggaugaguguacugug

```
..........................................................aguguuuccuacuuuauggaug...........    3     0     GDM
.........................................................guguuuccuacuuuaugU.............    2     1     GDM


............cccauaaaguagaaagca..................................................    24     0     Z1_
............cccauaaaguagaaagcac.................................................    19     0     Z1_
............cccauaaaguagaaagUacu................................................     7     1     Z1_
............cccauaaaguagaaagcacG................................................     5     1     Z1_
............cccUuaaaguagaaagcacu................................................     2     1     Z1_
............cccauaaaAuagaaagcacu................................................     4     1     Z1_
............cccauaaaguagGaagcacu................................................     3     1     Z1_
............cccauaaaguGgaaagcacu................................................     2     1     Z1_
............Uccauaaaguagaaagcacu................................................    10     1     Z1_
............cccauaaaUuagaaagcacu................................................     1     1     Z1_
............cccaCaaaguagaaagcacu................................................     4     1     Z1_
............cccauaaaguagaaagcGcu................................................     5     1     Z1_
............ccAauaaaguagaaagcacu................................................     1     1     Z1_
............cccauaCaguagaaagcacu................................................     1     1     Z1_
............cccauaaaguUgaaagcacu................................................     1     1     Z1_
............cccauaaaguagaaaAcacu................................................     1     1     Z1_
............cccauaaaguagaaagcUcu................................................     2     1     Z1_
............Gccauaaaguagaaagcacu................................................     2     1     Z1_
............cccauaaaguaUaaagcacu................................................     1     1     Z1_
............cccauaaaguagaUagcacu................................................     2     1     Z1_
............ccccCuaaaguagaaagcacu...............................................     4     1     Z1_
............cccGuaaaguagaaagcacu................................................     5     1     Z1_
............cccauaGguagaaagcacu.................................................     3     1     Z1_
............cccauaaaguagaaagcacu................................................  1308     0     Z1_
............cccauaaaguagaGagcacu................................................     5     1     Z1_
............cccauaaaguagaaagcaUu................................................     2     1     Z1_
............cccauaaaguagaaaUcacu................................................     2     1     Z1_
............cccauaaGguagaaagcacu................................................     5     1     Z1_
............cccauaaaguagaaagcacA................................................    19     1     Z1_
............cccauaaaguagaaagcacC................................................   108     1     Z1_
............cccauaaaguagaaGgcacu................................................     4     1     Z1_
............cccauaUaguagaaagcacu................................................     1     1     Z1_
............cccauaaaguagaaCgcacu................................................     2     1     Z1_
............cccauaaagCagaaagcacu................................................     1     1     Z1_
............cccauCaaguagaaagcacu................................................     1     1     Z1_
............cUcauaaaguagaaagcacu................................................     5     1     Z1_
............cccauGaaguagaaagcacu................................................     6     1     Z1_
............cccauaaaguagaaagAacu................................................     1     1     Z1_
............cccauaaaguagaaagcacCa...............................................     1     1     Z1_
............cccauaaaguagGaagcacua...............................................     2     1     Z1_
............cccauaaaguagaaagcacua...............................................    97     0     Z1_
............cccauaaagCagaaagcacua...............................................     1     1     Z1_
............cccauaaaguagaaagcGcua...............................................     2     1     Z1_
............cccauaaaguagaaagcacuac..............................................    12     0     Z1_
............cccauaaaguagaaagcacuaA..............................................     1     1     Z1_
............cccauaaaguagaaagcacuaUu.............................................     4     1     Z1_
............cccauaaaguagaaagcacuacC.............................................     2     1     Z1_
.............ccauaaaguagaaagcacu................................................     4     0     Z1_
...............cauaaaguagaaagcacA...............................................     1     1     Z1_
...............cauaaaguagaaagcacC...............................................     5     1     Z1_
...............cauaaaguagaaagcacu...............................................    84     0     Z1_
...............cauaaagCagaaagcacu...............................................     1     1     Z1_
...............cauaaaguagaaagcacG...............................................     1     1     Z1_
...............cauaGaguagaaagcacua..............................................     1     1     Z1_
...............cauaaaAuagaaagcacua..............................................     2     1     Z1_
...............cauaaaguagaaagcacua..............................................    11     0     Z1_
...............cauaaaguagaaagcacuac.............................................     1     0     Z1_
...............cauaaaguagaaagcacuacC............................................     3     1     Z1_
...............cauaaaguagaaagcacCacu............................................     1     1     Z1_
...............cauaaaguagaaagcacuaUu............................................    18     1     Z1_
...............cauaaaguagaaagcacuacA............................................     1     1     Z1_
...............cauaaaguagaaagcacuacu............................................    35     0     Z1_
...............cauaaaguagaaagcacuacua...........................................     2     0     Z1_
...............cauaaaguagGaagcacuacua...........................................     1     1     Z1_
gacagugcagucacc...cauaaaguagaaagcacuacuaacagcacuggaggg..........................     3     0     Z1_
..............auaaaguagaaagcacuacu..............................................     3     0     Z1_
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hsa-miR-142-3p

hsa-miR-142-5p

gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug

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.........................................................uguaguguuuccuacuuuaug...............   2      0    Z1_
.........................................................uguaguguuuccCacuuuaugg...............   1      1    Z1_
.........................................................uguaguguuuccuGcuuuaugg...............   1      1    Z1_
.........................................................uguaguguuuccuacuuuaugg...............  43      0    Z1_
.........................................................uguaguguuuccuacuuuaugA...............   2      1    Z1_
.........................................................uguaguguuucUuacuuuaugg...............   1      1    Z1_
.........................................................uguaguguuuccuaUuuuaugg...............   2      1    Z1_
.........................................................uguaguguuuccuaUuuuaugga..............   1      1    Z1_
.........................................................uguaguguuuccuacCuuaugga..............   1      1    Z1_
.........................................................uguaguguuuccuacuuuauAga..............   1      1    Z1_
.........................................................uguaguguuuccuacuuuauggC..............   2      1    Z1_
.........................................................uguaguguuucUuacuuuaugga..............   3      1    Z1_
.........................................................uguaguguuuccuacuuuaugga..............  30      0    Z1_
.........................................................Aguaguguuuccuacuuuaugga..............   1      1    Z1_
.........................................................uguagugCuuccuacuuuaugga..............   2      1    Z1_
.........................................................uguaguAuuuccuacuuuaugga..............   1      1    Z1_
.........................................................uguaguguuuccuacuuuauggG..............   5      1    Z1_
.........................................................uguaguguuuccuacuuuauggU..............  13      1    Z1_
.........................................................uguaguguuuccuacuuuauggaA.............   2      1    Z1_
..........................................................guaguguuuccuacuuuaug...............   1      0    Z1_
..........................................................guaguguuuccuacuuuGugg..............   1      1    Z1_
..........................................................guaguguuuccuaUuuuaugg..............   2      1    Z1_
..........................................................guaguguuuccuacuuuaugg..............  39      0    Z1_
..........................................................guaguguuuccuacCuuaugg..............   1      1    Z1_
..........................................................guGguguuuccuacuuuaugg..............   2      1    Z1_
..........................................................guaguguuuccuacuuuauggG.............   1      1    Z1_
..........................................................guaguguuuccuacuuuaugga.............  69      0    Z1_
..........................................................guaguguuuccuacuuuauggU.............   1      1    Z1_
..........................................................guaguguuuccuaUuuuaugga.............   1      1    Z1_
...........................................................uaguguuuccuacuuuaugg.............   8      0    Z1_
...........................................................uaguguuuccuaUuuuaugg.............   2      1    Z1_
...........................................................uaguguuuccuacuuuaugg.............   5      0    Z1_
...........................................................uaguguuuccuacuuuauggC............   1      1    Z1_
...........................................................uaguguuuccuacuuuauggG............   1      1    Z1_
...........................................................uaguguuuccuacuuuauggU............   1      1    Z1_
............................................................aguguuuccuacuuuaugg.............   2      0    Z1_

............Ccccauaaaguagaaagcacu.............................................................   2      1    Z2_
............cccauaaaguGgaaagca................................................................   1      1    Z2_
............cccauaaaguagaGagca................................................................   1      1    Z2_
............cccauaaaguagaaagca................................................................  45      0    Z2_
............cccauaaaguagGaagca................................................................   1      1    Z2_
............cccauaaaguaUaaagca................................................................   1      1    Z2_
............cccauaaaguagaaGgca................................................................   2      1    Z2_
............cccauaaaguagaaagcac...............................................................  81      0    Z2_
............cccauaaaguagaaagcaU...............................................................   3      1    Z2_
............cccauaaaguagaaagcGc...............................................................   1      1    Z2_
............cccUuaaaguagaaagcac...............................................................   1      1    Z2_
............cccGuaaaguagaaagcacu..............................................................  11      1    Z2_
............ccUauaaaguagaaagcacu..............................................................   5      1    Z2_
............cccauaaaguagaaUgcacu..............................................................   1      1    Z2_
............cccaAaaaguagaaagcacu..............................................................   7      1    Z2_
............cccauaaaguagaaaUcacu..............................................................   2      1    Z2_
............cccauaaaguagaUagcacu..............................................................   2      1    Z2_
............cccCuaaaguagaaagcacu..............................................................   3      1    Z2_
............cccauaaaguagaaagcacu..............................................................2902      0    Z2_
............cccauaaaguUgaaagcacu..............................................................   1      1    Z2_
............cccauaaagCagaaagcacu..............................................................   8      1    Z2_
............cccauaaaguGgaaagcacu..............................................................  10      1    Z2_
............cccauaaUguagaaagcacu..............................................................   2      1    Z2_
............cccauaaaguagaaagcacC..............................................................197      1    Z2_
............cccauaaaAuagaaagcacu..............................................................   5      1    Z2_
..........Uccauaaaguagaaagcacu................................................................   1      1    Z2_
..........cGcauaaaguagaaagcacu................................................................   2      1    Z2_
............cccauaaaguagaaagUacu..............................................................   5      1    Z2_
............cccauaaaguagGaagcacu..............................................................  15      1    Z2_
............cccauaaaguaAaaagcacu..............................................................   1      1    Z2_
gacagugcagucaccccauaaGguagaaagcacu............................................................  14      1    Z2_
............ccAauaaaguagaaagcacu..............................................................   2      1    Z2_
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hsa-miR-142-3p

hsa-miR-142-5p

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gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug
```

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...........cccauaaaguagaaagcUcu.............................................    1     1    Z2_
...........cccauaaaguagaaagcGcu.............................................   10     1    Z2_
...........cccauaaaguagaaaAcacu.............................................    4     1    Z2_
...........Accauaaaguagaaagcacu.............................................    5     1    Z2_
...........cccauGaguagaaagcacu..............................................    8     1    Z2_
...........cccauaaaguagaaagcCcu.............................................    1     1    Z2_
...........cccauaaaguagaGagcacu.............................................    5     1    Z2_
...........cccauaGaguagaaagcacu.............................................   14     1    Z2_
...........cccauaaaguagaaGgcacu.............................................   17     1    Z2_
...........cccauaCaguagaaagcacu.............................................    1     1    Z2_
...........cAcauaaaguagaaagcacu.............................................    3     1    Z2_
...........cccauaaaguagaaagAacu.............................................    1     1    Z2_
...........cccauaaaguagaaagcacA.............................................   49     1    Z2_
...........cccauaaaguagaaagcaUu.............................................   13     1    Z2_
...........cccauaaaguagaaagcacG.............................................   24     1    Z2_
...........cccaCaaaguagaaagcacu.............................................    5     1    Z2_
...........cccauaaaguGgaaagcacua............................................    3     1    Z2_
...........cccauaaaguagaaagcacAa............................................    1     1    Z2_
...........cccauaaaguagaaagcGcua............................................    3     1    Z2_
...........cccauGaguagaaagcacua.............................................    1     1    Z2_
...........cccauaaaguagaaagcacuG............................................    2     1    Z2_
...........cccauaGaguagaaagcacua............................................    1     1    Z2_
...........cccauaaaguagaaagcacCa............................................    1     1    Z2_
...........cccauaaaguagaGagcacua............................................    1     1    Z2_
...........cccauaaaguagaaGgcacua............................................    1     1    Z2_
...........cccauaaGguagaaagcacua............................................    4     1    Z2_
...........cccauaaaguagaaagcacua............................................  253     0    Z2_
...........cccauaaaguagaaagcaUua............................................    1     1    Z2_
...........ccUauaaaguagaaagcacua............................................    2     1    Z2_
...........cccauaaaguagaaagUacua............................................    1     1    Z2_
...........cccauaaaguagaaagcacuaU...........................................   17     1    Z2_
...........cccauaaaguagaaagcacuac...........................................   10     0    Z2_
...........cccauaaaguagaaagcacuaA...........................................    7     1    Z2_
...........cccauaaaguagaaagcacuaG...........................................    1     1    Z2_
...........cccauaaaguagaaagcacuaUu..........................................   10     1    Z2_
...........cccauaaaguagaaagcacuacA..........................................    2     1    Z2_
...........cccauaaaguagaaagcacuacu..........................................    1     0    Z2_
............ccauaaaguagaaagcacC.............................................    2     1    Z2_
............ccauaaaguagaaagcacu.............................................    7     0    Z2_
............ccauaaaguagaaagcacuaUu..........................................    1     1    Z2_
............cauaaaguagaaagcUcu..............................................    1     1    Z2_
............cauaaaguagaGgcacu...............................................    1     1    Z2_
............cauaaagCagaaagcacu..............................................    1     1    Z2_
............cauaaaguagaaagcacu..............................................  132     0    Z2_
............cGuaaaguagaaagcacu..............................................    2     1    Z2_
............cauaaaguagaaagcacC..............................................    5     1    Z2_
............cauaaaguagaaagcacA..............................................    3     1    Z2_
............caAaaaguagaaagcacu..............................................    1     1    Z2_
............cauaaaguagGaagcacu..............................................    1     1    Z2_
............cauaaaguGgaaagcacua.............................................    1     1    Z2_
............cauaaaguagaaagcacua.............................................   58     0    Z2_
............cauaaaguagGaagcacua.............................................    1     1    Z2_
............Uauaaaguagaaagcacua.............................................    1     1    Z2_
............cauaGaguagaaagcacua.............................................    1     1    Z2_
............cauaaaguagaaGgcacua.............................................    1     1    Z2_
............cauaaaguagaaagcacuaA............................................    1     1    Z2_
............cauaaaguagaaagcacuac............................................    8     0    Z2_
............cauaaagCagaaagcacuacu...........................................    1     1    Z2_
............cauaaaguagaaagcacuacu...........................................   49     0    Z2_
............cauaaaguagaaagcGcuacu...........................................    1     1    Z2_
............cauaaaguagaaagcacuacC...........................................   10     1    Z2_
............cauaaaguagaaagcacuacA...........................................    2     1    Z2_
............cauaaaguagaaagcacuaUu...........................................   25     1    Z2_
............cauaaaguagaaagcacuacG...........................................    1     1    Z2_
.............auaaaguagaaagcacuacu..........................................    3     0    Z2_
.............auaaaguagaaagcacuacC..........................................    1     1    Z2_
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hsa-miR-142-5p

```
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gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuau.....ugaguguacugug    4     0    Z2_
.................................................uguagugCuuccuacuuuaugg...............    2     1    Z2_
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hsa-miR-142-3p

hsa-miR-142-5p

gacagugcagucacccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaugaguguacugug

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.............................................uguaguguuuccuacCuuaugg.............    2    1    Z2_
.............................................uAuaguguuuccuacuuuaugg.............    1    1    Z2_
.............................................uguagCguuuccuacuuuaugg.............    1    1    Z2_
.............................................uguaguguuuccuacuuCaugg.............    1    1    Z2_
.............................................uguaguguuuccuaUuuuaugg.............   16    1    Z2_
.............................................uguaguguuuccuGcuuuaugg.............    1    1    Z2_
.............................................uguGguguuuccuacuuuaugg.............    2    1    Z2_
.............................................Cguaguguuuccuacuuuaugg.............    2    1    Z2_
.............................................uguaguguuuccuacuuuaugA.............    4    1    Z2_
.............................................uguaguguuAccuacuuuaugg.............    1    1    Z2_
.............................................uguaguguuuccuacuuuaugg.............   63    0    Z2_
.............................................uguaguguuuccuacuuuaugU.............    1    1    Z2_
.............................................uguaguguuuccAacuuuaugga............    1    1    Z2_
.............................................uguaguguuuccuacuuuauggG............    4    1    Z2_
.............................................uguaguguuuccuacuuuauggC............    4    1    Z2_
.............................................uguaguguuuccuacuuuaugga............   66    0    Z2_
.............................................uguaguguuucUuacuuuaugga............    4    1    Z2_
.............................................uguaguguuCccuacuuuaugga............    1    1    Z2_
.............................................uguaguguuuccuaUuuuaugga............    4    1    Z2_
.............................................uguaguguuuccuacuuuauggU............   26    1    Z2_
..............................................guaguguuuccuacuuuau................    1    0    Z2_
..............................................guaguguuuccuacuuuaug...............    5    0    Z2_
..............................................guaguguuuccuacuuCaugg.............    6    1    Z2_
..............................................guaguguuuccuacuuuaugA.............    4    1    Z2_
..............................................guaguguuuccuaUuuuaugg.............    9    1    Z2_
..............................................guaguguuuccuacuuuaugg.............   50    0    Z2_
..............................................guaguguuuccuacuuuaugga............   68    0    Z2_
..............................................guaguguuuccuacuuuauggC............    1    1    Z2_
..............................................guaguguuuccuaUuuuaugga............    2    1    Z2_
..............................................guaguguuucUuacuuuaugga............    3    1    Z2_
..............................................guagCguuuccuacuuuaugga............    1    1    Z2_
..............................................guaguguuuccuacuuuGugga............    1    1    Z2_
..............................................guaguguuuccuacuuuauggU............    3    1    Z2_
..............................................guagugCuuccuacuuuaugga............    1    1    Z2_
..............................................guaguguuuccuacuuuauggaA...........    6    1    Z2_
...............................................uaguguuuccuacuuuaug...............    4    0    Z2_
...............................................uaguguuuccuacuuuaugC.............    1    1    Z2_
...............................................uaguguuuccuacuuuaugU.............    1    1    Z2_
...............................................uaguguuuccuacuuuaugg.............   15    0    Z2_
...............................................uaguguuuccuacuuuaugga............    4    0    Z2_
...............................................uagCguuuccuacuuuaugga............    1    1    Z2_
................................................aguguuuccuacCuuaugg.............    1    1    Z2_
................................................aguguuuccuacuuuauggau...........    3    0    Z2_
```