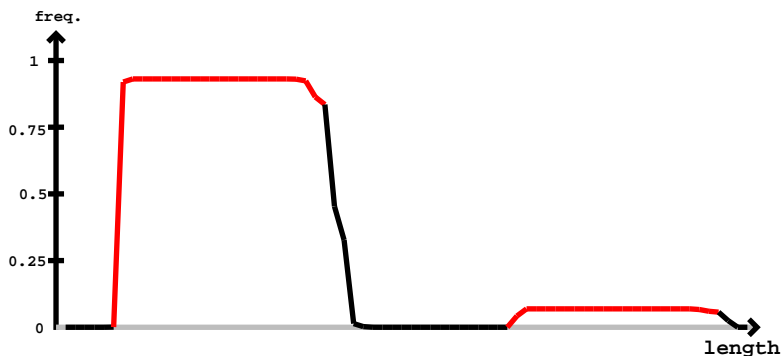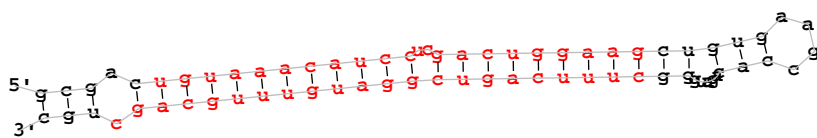miRBase precursor   : hsa-mir-30a
Total read count   : 7158
hsa-miR-30a-5p read count : 6664
hsa-miR-30a-3p read count : 494
remaining reads   : 0

hsa-miR-30a-3p

hsa-miR-30a-5p

```
5'- gcgacuguaaacauccucgacuggaagcugugaagccacagaugggcuuucagucggauguuugcagcugc  -3'     exp
    (((.(((((((((((((..(((((((((((((((....))))....)))))))))))))))))))))))).)))     reads    mm        sample
    .....uguaaacauccucgacugC.............................................         1        1         Z3_
    .....uguaaacauccucgacugg.............................................         4        0         Z3_
    .....uguaaacauccucgacuggG.............................................        1        1         Z3_
    .....ugAaaacauccucgacugga............................................        1        1         Z3_
    .....uguaaacauccucgacugga............................................        24       0         Z3_
    .....uguaaacauccAcgacugga............................................        1        1         Z3_
    .....uguaaacaCccucgacugga............................................        1        1         Z3_
    .....uguaaacauccucgacuggaa...........................................        14       0         Z3_
    .....uguaaacGuccucgacuggaa...........................................        1        1         Z3_
    .....uguaaacauccucgacuggaG...........................................        1        1         Z3_
    .....Cguaaacauccucgacuggaag..........................................        4        1         Z3_
    .....uguaaacauccuAgacuggaag..........................................        2        1         Z3_
    .....uguaaacauccAcgacuggaag..........................................        1        1         Z3_
    .....ugAaaacauccucgacuggaag..........................................        1        1         Z3_
    .....uguaaacauccucgacuggaaA..........................................        6        1         Z3_
    .....uguaaacauccucgacuggaag..........................................        183      0         Z3_
    .....uguaaacauUcucgacuggaag..........................................        3        1         Z3_
    .....uguaGacauccucgacuggaag..........................................        1        1         Z3_
    .....uguaaGcauccucgacuggaag..........................................        1        1         Z3_
    .....uguaaacauccucgacuggaGg..........................................        2        1         Z3_
    .....Cguaaacauccucgacuggaagc.........................................        1        1         Z3_
    .....uguaaacauccucgacuggaagU.........................................        15       1         Z3_
    .....uguaaacauccucgacuggaagc.........................................        54       0         Z3_
    .....uguaaacauccucgGcggaagc..........................................        1        1         Z3_
    .....uguaaacauccucgacuggGagc.........................................        1        1         Z3_
    .....uguaaacauccucgacuggaUgc.........................................        1        1         Z3_
    .....uguaaacauccucgacCggaagc.........................................        1        1         Z3_
    .....uguaaacauccucgacuggaGgc.........................................        1        1         Z3_
    .....uguaaacauccAcgacuggaagc.........................................        1        1         Z3_
    .....uguaaacauccucgacuggaagA.........................................        9        1         Z3_
    .....uguaaacUuccucgacuggaagcu........................................        1        1         Z3_
    .....uguaaacauccAcgacuggaagcu........................................        1        1         Z3_
    .....uguaaacauccucgacuggaGgcu........................................        2        1         Z3_
    .....uguaGacauccucgacuggaagcu........................................        1        1         Z3_
```

hsa-miR-30a-3p

hsa-miR-30a-5p

gcgacuguaaacauccucgacuggaagcugugaagccacagaugggcuuucagucggauguuugcagcugc

```
.....Cguaaacauccucgacuggaagcu.........................................    1     1    Z3_
.....ugCaaacauccucgacuggaagcu.........................................    1     1    Z3_
.....uguaaacauccucgacuggaagcC.........................................    28    1    Z3_
.....uguaaacauccucgacuggaagcA.........................................    7     1    Z3_
.....uguaaacauccucgacugUaagcu.........................................    1     1    Z3_
.....uguaaacauUcucgacuggaagcu.........................................    1     1    Z3_
.....uguaaacauccucgacuggaagcu.........................................    208   0    Z3_
.....uguaaacauccucgacuggaagcG.........................................    1     1    Z3_
.....uguaaCcauccucgacuggaagcu.........................................    1     1    Z3_
.....ugAaaacauccucgacuggaagcu.........................................    1     1    Z3_
.....uguaaacauccuAgacuggaagcu.........................................    1     1    Z3_
.....uguaaacaCccucgacuggaagcu.........................................    1     1    Z3_
.....uguaaGcauccucgacuggaagcu.........................................    1     1    Z3_
.....uguaaacauccucgacuggaagcuU........................................    9     1    Z3_
.....uguaaacauccucgacuggaagcug........................................    1     0    Z3_
.....uguaaacauccucgacuggaagcuUu.......................................    3     1    Z3_
.....uguaaacauccucgacuggaagcugu.......................................    1     0    Z3_
.....ugCaaacauccucgacuggaagcugu.......................................    2     1    Z3_
......guaaacauccucgacuggaagc.........................................    1     0    Z3_
......guaaacauccucgacuggaagcu........................................    5     0    Z3_
.............................................cuuucagucggauguuuCc......    2     1    Z3_
.............................................cuuucagucggauguuugca.....    5     0    Z3_
.............................................cuuucagucggauguuugcag....    1     0    Z3_
.............................................cuuucagucggauguuugcagc...    9     0    Z3_
.............................................cuuucagucAgauguuugcagc...    1     1    Z3_
.............................................cuuucagucggauguuugcagU...    13    1    Z3_
.............................................cuuucagucggauguuuAcagcu..    3     1    Z3_
..............................................uuucagucggauguuugcag....    1     0    Z3_
..............................................uuucagucggauguuugcagc...    1     0    Z3_
..............................................uuucagucggauguuugcagU...    5     1    Z3_
..............................................uuucagucggauguuugcagcC..    1     1    Z3_
..............................................uuucagucggauguuuAcagcu..    2     1    Z3_
..............................................uuucagucggauguuugcagcu..    6     0    Z3_

....cguaaacauccCcgacugg.............................................    1     1    Z1_
.....uguaaacauccucgacugg.............................................    10    0    Z1_
.....ugCaaacauccucgacugga............................................    1     1    Z1_
.....uguaaacauccucgGcugga............................................    1     1    Z1_
.....uguaaacauccucgacugga............................................    53    0    Z1_
.....uguaGacauccucgacugga............................................    1     1    Z1_
.....uguaaacauccucgacuggG............................................    1     1    Z1_
.....uguGaacauccucgacuggaa...........................................    1     1    Z1_
.....Cguaaacauccucgacuggaa...........................................    1     1    Z1_
.....uAuaaacauccucgacuggaa...........................................    1     1    Z1_
.....uguaaacauccucgacuggaa...........................................    27    0    Z1_
.....uguaaacauccucgacuggGag..........................................    2     1    Z1_
.....uguaaacauccuAgacuggaag..........................................    1     1    Z1_
.....uguaaacauccAcgacuggaag..........................................    1     1    Z1_
.....ugCaaacauccucgacuggaag..........................................    2     1    Z1_
.....uguaaacauccucgacuggaag..........................................    314   0    Z1_
.....Gguaaacauccucgacuggaag..........................................    1     1    Z1_
.....uguaaacaucAucgacuggaag..........................................    1     1    Z1_
.....uguaaacauccucgacuggaGg..........................................    2     1    Z1_
.....uguaaacauccucAacuggaag..........................................    2     1    Z1_
.....uguaaacauccucgacuggaaU..........................................    1     1    Z1_
.....uguaaacGuccucgacuggaag..........................................    1     1    Z1_
.....uguaGacauccucgacuggaag..........................................    1     1    Z1_
.....uguaaacaAccucgacuggaag..........................................    1     1    Z1_
.....uguaaacauccucgGcuggaag..........................................    3     1    Z1_
.....uguaaacauccucgacCggaag..........................................    2     1    Z1_
.....uguaaacaCccucgacuggaag..........................................    3     1    Z1_
.....ugAaaacauccucgacuggaag..........................................    1     1    Z1_
.....uguGaacauccucgacuggaag..........................................    2     1    Z1_
.....uguaaacauUcucgacuggaag..........................................    6     1    Z1_
.....uguaaacauccucgacuggaaA..........................................    21    1    Z1_
.....Cguaaacauccucgacuggaag..........................................    1     1    Z1_
.....uguaaacauccucgacuggGagc.........................................    1     1    Z1_
.....uguaaacauccucgacuggaagU.........................................    27    1    Z1_
.....uguaaacauccucgacuggaGgc.........................................    1     1    Z1_
```

hsa-miR-30a-3p

hsa-miR-30a-5p

gcgacuguaaacauccucgacuggaagcugugaagccacagaugggcuuucagucggauguuugcagcugc

```
.....uguaaacGuccucgacuggaagc...........................................    1      1    Z1_
.....uguaaacauccucgacuggaagc...........................................    90     0    Z1_
.....uguaaacauccucgacAggaagc...........................................    1      1    Z1_
.....uguaaacauccucgacuAgaagc...........................................    1      1    Z1_
.....uguaaacaCccucgacuggaagc...........................................    1      1    Z1_
.....uguaaacauccucgacuggaagA...........................................    3      1    Z1_
.....uguaaacauccucgacuggaaCcu..........................................    1      1    Z1_
.....uguaaacauccucgacuggaagcu..........................................    215    0    Z1_
.....uguaaaUauccucgacuggaagcu..........................................    1      1    Z1_
.....uguGaacauccucgacuggaagcu..........................................    1      1    Z1_
.....uguaaacGuccucgacuggaagcu..........................................    1      1    Z1_
.....uguaaacauccucgacuggaagcA.........................................     16     1    Z1_
.....uguaaacaGccucgacuggaagcu..........................................    1      1    Z1_
.....uguaaacauccucgGcuggaagcu..........................................    2      1    Z1_
.....uguaaCcauccucgacuggaagcu..........................................    4      1    Z1_
.....uguaaacUuccucgacuggaagcu..........................................    1      1    Z1_
.....uguaaacauccAcgacuggaagcu..........................................    1      1    Z1_
.....uguaaacauccGcgacuggaagcu..........................................    1      1    Z1_
.....uguaaacauccucgacuggGagcu..........................................    5      1    Z1_
.....uguaaacauUcucgacuggaagcu..........................................    2      1    Z1_
.....uguaaacaucUucgacuggaagcu..........................................    1      1    Z1_
.....Cguaaacauccucgacuggaagcu..........................................    3      1    Z1_
.....uguaaGcauccucgacuggaagcu..........................................    1      1    Z1_
.....uguaaacauccucgacuggaagcC.........................................     18     1    Z1_
.....uguaaacaCccucgacuggaagcu..........................................    1      1    Z1_
.....uguaaacaucGucgacuggaagcu..........................................    1      1    Z1_
.....uguaaacauccucgacuggaagcuA........................................     1      1    Z1_
.....uguaaacauccucgacuggaagcuU........................................     6      1    Z1_
.....uguaaacauccucgacuggaagcuC........................................     3      1    Z1_
.....uguaaacauccucgacuggaagcuAu.......................................     1      1    Z1_
.....uguaaacauccucgacuggaagcuUu.......................................     4      1    Z1_
......guaaacauccucgacuggaagcu.........................................     1      0    Z1_
......guaaacauccucgacuggaagcuU........................................     5      1    Z1_
......guaaacauccUgacuggaagcugug.......................................     1      1    Z1_
.................................................cuuucagucggauguuugA......    1      1    Z1_
.................................................cuuCcagucggauguuugc......    1      1    Z1_
.................................................cuuucagucggauguuugc......    3      0    Z1_
.................................................cuuucagucggauguuugca.....    1      0    Z1_
.................................................cuuucagucggauguuuUca.....    1      1    Z1_
.................................................cuuucagucggauguuugcagc...    15     0    Z1_
.................................................cuuucagucggGuguuugcagc...    1      1    Z1_
.................................................Guuucagucggauguuugcagc...    1      1    Z1_
.................................................cuuucagucggauguuugcagU...    8      1    Z1_
.................................................cuuucagucggauguuugcUgcu..    2      1    Z1_
.................................................cuuucagucggauguuuAcagcu..    13     1    Z1_
.................................................cuuucagucggauguuugcagcu..    1      0    Z1_
.................................................cuuucagucggauguuugcagUu..    6      1    Z1_
.................................................cuuucagucggauguuugcagcC..    1      1    Z1_
..................................................uuucagucggauguuugca.....    3      0    Z1_
..................................................uuucagucggauguuugcagU...    7      1    Z1_
..................................................uuucagucggauguuugcagc...    7      0    Z1_
..................................................uuucagucggauguuugcagcC..    1      1    Z1_
..................................................uuucagucggauguuugcagUu..    3      1    Z1_
..................................................uuucagucggauguuuAcagcu..    6      1    Z1_
..................................................uuucagucggauguuugcagcu..    1      0    Z1_

....cuguaaacauccCcgacuggaagcu..........................................    1      1    GDM
.....uguaaacauccucgacug...............................................     5      0    GDM
.....uguaaacauccucgacGg...............................................     1      1    GDM
.....uguaaacauccucgacug...............................................     5      0    GDM
.....uguaaacauccucgacug...............................................     5      0    GDM
.....uguaaacauccucgacugg..............................................     20     0    GDM
.....uguaaacauccucgacugA..............................................     2      1    GDM
.....uguaaacauccucgacugg..............................................     20     0    GDM
.....uguaaacauccAcgacugg..............................................     1      1    GDM
.....uguaaacauccucgacugg..............................................     20     0    GDM
.....uguaaacauccucgacGgg..............................................     2      1    GDM
.....uguaaacauccucgacugA....cugugaagccacagaugggcuuucagucggauguuugcagcugc    2      1    GDM
.....uguaaacauccucgacugga.............................................     229    0    GDM
```

hsa-miR-30a-5p

gcgacuguaaacauccucgacuggaagcugugaagccacagaugggcuuucagucggauguuugcagcugc

.....uguaaacauccucgacuggG..	2	1	GDM
.....uguaaacauccucgacuAga...	1	1	GDM
.....Aguaaacauccucgacugga...	1	1	GDM
.....uguaaacauccucgGcugga...	1	1	GDM
.....uguaaacauccuAgacugga...	1	1	GDM
.....uguaGacauccucgacugga...	4	1	GDM
.....uguaaacauccucgacugga...	229	0	GDM
.....uguaaacauccucgacuggU...	1	1	GDM
.....uguaaacauccucAacugga...	1	1	GDM
.....uguaaacauccucgacugga...	229	0	GDM
.....uguaaGcauccucgacugga...	1	1	GDM
.....uguaGacauccucgacugga...	4	1	GDM
.....uguaUacauccucgacugga...	1	1	GDM
.....uguaaacaucUucgacugga...	1	1	GDM
.....uguaaacaucUucgacuggaa..	7	1	GDM
.....uguaaacauccucgacuggaG..	5	1	GDM
.....uguaaacauccucgacuggaa..	89	0	GDM
.....uguaaacaucUucgacuggaa..	7	1	GDM
.....uguaaacauccucgacuggaa..	89	0	GDM
.....uguaaacauccucgacuggaG..	5	1	GDM
.....uguaaacauccucgacuggaa..	89	0	GDM
.....uguaaGcauccucgacuggaa..	2	1	GDM
.....uguaaacaucUucgacuggaa..	7	1	GDM
.....uguaaacauccucgacCggaa..	1	1	GDM
.....uguaaacaCccucgacuggaa..	1	1	GDM
.....uguaaacauccucgacCggaag...	5	1	GDM
.....Aguaaacauccucgacuggaag...	1	1	GDM
.....uguaaacauccucgacugAaag...	2	1	GDM
.....uguaaacaCccucgacuggaag...	5	1	GDM
.....uCuaaacauccucgacuggaag...	1	1	GDM
.....uAuaaacauccucgacuggaag...	2	1	GDM
.....uguaUacauccucgacuggaag...	4	1	GDM
.....uguaaacauccucgacugAaag...	2	1	GDM
.....uguaGacauccucgacuggaag...	7	1	GDM
.....uguCaacauccucgacuggaag...	1	1	GDM
.....uguaaacauccuAgacuggaag...	2	1	GDM
.....uguaaacauccucgacuggaaA...	76	1	GDM
.....uguGaacauccucgacuggaag...	12	1	GDM
.....uguaaacGuccucgacuggaag...	3	1	GDM
.....uguaaacauccucgacuggaGg...	10	1	GDM
.....uguaUacauccucgacuggaag...	4	1	GDM
.....uguaaacauccucUacuggaag...	1	1	GDM
.....uguaaGcauccucgacuggaag...	2	1	GDM
.....uguaaacauccucgacuggCag...	2	1	GDM
.....uguaaCcauccucgacuggaag...	4	1	GDM
.....uguaaacauccucgacuAgaag...	5	1	GDM
.....uguaaacGuccucgacuggaag...	3	1	GDM
.....uguaaacauccucgGcuggaag...	4	1	GDM
.....uguaaacauUcucgacuggaag...	9	1	GDM
.....uguaaacauccuGgacuggaag...	2	1	GDM
.....uguaaacauccucAacuggaag...	1	1	GDM
.....uguaaacauccucgacuggGag...	6	1	GDM
.....uguaaacauccucgacuggaaU...	3	1	GDM
.....uguaGacauccucgacuggaag...	7	1	GDM
.....uguaaacauccucgacuAgaag...	5	1	GDM
.....uguaaacauccAcgacuggaag...	2	1	GDM
.....uguaaacauccucgacuggaaU...	3	1	GDM
.....uguaaacaucAucgacuggaag...	1	1	GDM
.....uguaaacaucUucgacuggaag...	2	1	GDM
.....uguaaacauccucgGcuggaag...	4	1	GDM
.....uAuaaacauccucgacuggaag...	2	1	GDM
.....uguaaacauccucgacuggaag...	1314	0	GDM
.....uguaaacauccucgacuggaaC...	4	1	GDM
.....uguaaUcauccucgacuggaag...	1	1	GDM
.....uguaaacauccAcgacuggaag...	2	1	GDM
.....uguaaacauccucgacuggaCg.........................hsa-miR-30a-3p.......	95	1	GDM
.....uguaaacauccucgacuggaag...	1314	0	GDM
.....uguaaacauccucgaUuggaag.....gccacagagggcuuucagucggauguuugcagcugc	1	1	GDM
.....uguaaCcauccucgacuggaag...	4	1	GDM

gcgacuguaaacauccucgacuggaagcugugaagccacagaugggcuuucagucggauguuugcagcugc

```
.....uguaaacauccucgacuggaaA.............................................    76      1       GDM
.....uguGaacauccucgacuggaag.............................................    12      1       GDM
.....uguaaacaCccucgacuggaag.............................................     5      1       GDM
.....uguaaacauccucgacugUaag.............................................     1      1       GDM
.....uguaaacaCccucgacuggaag.............................................     5      1       GDM
.....uguaaaUauccucgacuggaag.............................................     1      1       GDM
.....uguaaacauccucgacuggUag.............................................     2      1       GDM
.....uguUaacauccucgacuggaag.............................................     1      1       GDM
.....uguaaacaucUucgacuggaag.............................................     2      1       GDM
.....ugCaaacauccucgacuggaag.............................................     1      1       GDM
.....uguaaacauccucgacuggGag.............................................     6      1       GDM
.....uguGaacauccucgacuggaag.............................................    12      1       GDM
.....Gguaaacauccucgacuggaag.............................................     1      1       GDM
.....uguaaacauccucgacuggGag.............................................     6      1       GDM
.....uguaaacauccucgUcuggaag.............................................     3      1       GDM
.....uguaaacauccucgUcuggaag.............................................     3      1       GDM
.....uguaaacauccucgacuggaag.............................................  1314      0       GDM
.....uguaaacauAcucgacuggaag.............................................     1      1       GDM
.....uguaaacauccGcgacuggaag.............................................     1      1       GDM
.....uguaaacauccucgacCggaag.............................................     5      1       GDM
.....uguaaacauUcucgacuggaag.............................................     9      1       GDM
.....Cguaaacauccucgacuggaag.............................................     7      1       GDM
.....uguaaacauccucgacuggaaA.............................................    76      1       GDM
.....uguaaacauccucgacuggaCg.............................................    95      1       GDM
.....uguaaacauccucgacuggaGg.............................................    10      1       GDM
.....uguaaacauccucgacuggaagU............................................    80      1       GDM
.....uguaaacauccucgacuggaGgc............................................     4      1       GDM
.....uguaaacauccucgaAuggaagc............................................     1      1       GDM
.....uguaaacauccucgGcuggaagc............................................     4      1       GDM
.....uguaaacauccucAacuggaagc............................................     1      1       GDM
.....uguaaacauccucgacuggaagU............................................    80      1       GDM
.....uguaGacauccucgacuggaagc............................................     2      1       GDM
.....uguaaacGuccucgacuggaagc............................................     1      1       GDM
.....uguaaacauccucgacuggaagc............................................   342      0       GDM
.....uguaGacauccucgacuggaagc............................................     2      1       GDM
.....uguaaacauccucgacuggaagA............................................    15      1       GDM
.....uguaaacauccucgacuggaagc............................................   342      0       GDM
.....uguaaacauccucgacuggaGgc............................................     4      1       GDM
.....uguaaacauccuGgacuggaagc............................................     1      1       GDM
.....uguaaacauccucgacuggaagU............................................    80      1       GDM
.....uguaaacauccucgacAggaagc............................................     2      1       GDM
.....uguaaacaCccucgacuggaagc............................................     1      1       GDM
.....uguaaacauccucgacCggaagc............................................     1      1       GDM
.....uguaaacauccucgacuggaaAc............................................     1      1       GDM
.....Aguaaacauccucgacuggaagc............................................     1      1       GDM
.....uguaaacauccucgacuggaUgc............................................     1      1       GDM
.....uguaaacauccucgacuggaagc............................................   342      0       GDM
.....ugCaaacauccucgacuggaagc............................................     1      1       GDM
.....uguaaacauccucgacuggaGgc............................................     4      1       GDM
.....uguaaacauccucgacugAaagc............................................     1      1       GDM
.....uguaaUcauccucgacuggaagc............................................     1      1       GDM
.....Cguaaacauccucgacuggaagc............................................     1      1       GDM
.....uguaaacauccucgacuggaagA............................................    15      1       GDM
.....uguaaacauccucgacuggaagcA...........................................    67      1       GDM
.....uguaaacauccucgacAggaagcu...........................................     3      1       GDM
.....uguaaacauccucgacuggaagcu...........................................   803      0       GDM
.....uguUaacauccucgacuggaagcu...........................................     2      1       GDM
.....uguaaacauccucgacuggaagGu...........................................     1      1       GDM
.....uguaaacauccAcgacuggaagcu...........................................     6      1       GDM
.....uguaaacauccucgacuggaGgcu...........................................     4      1       GDM
.....uguaaCcauccucgacuggaagcu...........................................     1      1       GDM
.....uguaaacauccucgacuggaagcA...........................................    67      1       GDM
.....uguaaacauUcucgacuggaagcu...........................................     8      1       GDM
.....uguaaacauccucgacCggaagcu...........................................     5      1       GDM
.....uguaGacauccucgacuggaagcu...........................................     2      1       GDM
.....uguaaacauccucgacuggaagcG...........................  hsa-miR-30a-3p    15      1       GDM
.....uguaaacaCccucgacuggaagcu...........................................     8      1       GDM
.....uguUaacauccucgacuggaagcu.........ccacagauggcuuucagucggauguuugcagcugc    2      1       GDM
.....uguGaacauccucgacuggaagcu...........................................     2      1       GDM
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.....Aguaaacauccucgacuggaagcu.............................................    4     1     GDM
.....uguaaacauccucgacuggaagcC.............................................  103     1     GDM
.....uAuaaacauccucgacuggaagcu.............................................    2     1     GDM
.....uguaaacauccucgacuggaagAu.............................................    1     1     GDM
.....uUuaaacauccucgacuggaagcu.............................................    1     1     GDM
.....uguaaacauccucgGcuggaagcu.............................................    1     1     GDM
.....uguaaacauccucgacuggaagcG.............................................   15     1     GDM
.....uguaaacauccuAgacuggaagcu.............................................    1     1     GDM
.....uguaaacGuccucgacuggaagcu.............................................    1     1     GDM
.....Cguaaacauccucgacuggaagcu.............................................    5     1     GDM
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.....uguaaacauccuGgacuggaagcu.............................................    1     1     GDM
.....uguaaacauUcucgacuggaagcu.............................................    8     1     GDM
.....uguaaacauccucgacAggaagcu.............................................    3     1     GDM
.....uguaaacauccucgacuggaGgcu.............................................    4     1     GDM
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.....uguaaacauccAcgacuggaagcu.............................................    6     1     GDM
.....uguaaacauccucgacuggaagUu.............................................    4     1     GDM
.....uguaaacauccucgacugAaagcu.............................................    1     1     GDM
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.....uguaaGcauccucgacuggaagcu.............................................    3     1     GDM
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.....uguaaacauccucgacuggaagcuUu...........................................    3     1     GDM
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.....uguaaacauccucgacuggaagcugG...........................................    2     1     GDM
......guaaacauccucgacuggaag...............................................    7     0     GDM
......guaaacauccucgacuggaaA...............................................    1     1     GDM
......guaaacauccucgCcuggaag...............................................    2     1     GDM
......guaaacauccucgacuggaag...............................................    7     0     GDM
......guaaacauccucgacuggaag...............................................    7     0     GDM
......guaaacauccucgacuggaagc..............................................    6     0     GDM
......guaaacauccucgacuggaagA..............................................    1     1     GDM
......guaaacauccucgacuggaagc..............................................    6     0     GDM
......guaaacauccucgacuggaagcu.............................................   21     0     GDM
......guaaacauccucgacuggaagcA.............................................    2     1     GDM
......Uuaaacauccucgacuggaagcu.............................................    1     1     GDM
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......guaaacauccucgacuggaagcG.............................................    1     1     GDM
......guaaacauccucgacuggaagcu.............................................   21     0     GDM
......guaaacauccucgacuggaagcu..........agccacagauggg<span style="color:red">cuuucagucggauguuugcagc</span>ugc   21     0     GDM
......guaaacauccucgacuggaagcug............................................    1     0     GDM
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..................................................cuuucagucggauguuugU......	2	1	GDM
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..................................................cuuucagucggauguuugc......	3	0	GDM
..................................................cuuucagucggauguuugca.....	15	0	GDM
..................................................cuuucagucggauguuugca.....	15	0	GDM
..................................................cuuucagucggaCguuugca.....	1	1	GDM
..................................................cuuucagucggauguuugcG.....	2	1	GDM
..................................................cuuucagucggauguuugca.....	15	0	GDM
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..................................................cuuucagucggauguuugcagG...	1	1	GDM
..................................................cuuucagucggauguuugcagU...	42	1	GDM
..................................................cuuucagucggauguuugcagU...	42	1	GDM
..................................................cuuucagucggaCguuugcagc...	2	1	GDM
..................................................cuuucagucggauguuugcagA...	3	1	GDM
..................................................cuuucagucggauguuugcagc...	24	0	GDM
..................................................cuuucagucggauguuugcagc...	24	0	GDM
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..................................................cuuucagucggauguuuAcagcu..	15	1	GDM
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..................................................uuucagucggauguuugcag....	1	0	GDM
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..................................................uuucagucggauguuugcagc...	5	0	GDM
..................................................uuucagucggauguuugcagUu..	12	1	GDM
..................................................uuucagucggauguuuAcagcu..	26	1	GDM
..................................................uuucagucggauguuugcagcA..	4	1	GDM
..................................................uuucagucggauguuugcagcu..	10	0	GDM
..................................................uuucagucggauguuuAcagcu..	26	1	GDM
..................................................uuucagucggauguuugcagcA..	4	1	GDM
..................................................uuucagucggauguuugcagcC..	3	1	GDM
..................................................uuucagucggauguuugcagUu..	12	1	GDM
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..................................................uuucagucggauguuugcagcu..	10	0	GDM

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hsa-miR-30a-3p

hsa-miR-30a-5p

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....uguaaacauccucgacuggGagcu...........................................        3      1      Z2_
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....uguaaacauccucgacuggaaAcu...........................................        1      1      Z2_
....uguaaacauccucgacuggaagcuA.................hsa-miR-30a-3p...........        1      1      Z2_
....uguaaacauccucgacuggaagcuU.........................................       16      1      Z2_
......guaaacauccucgacugga.......cugugaagccacagauggg cuuucagucggauguuugcagcugc        1      0      Z2_
......guaaacauccucgacuggaag...........................................        6      0      Z2_
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gcgacuguaaacauccucgacuggaagcgugaagccacagaugggcuuucagucggauguuugcagcugc

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......Auaaacauccucgacuggaagcu............................................     2    1    Z2_
......guaaacauccucgacuggaagcC............................................     5    1    Z2_
.................................................cuuucagucggauguuugc......     1    0    Z2_
.................................................cuuucagucggauguuugca.....    12    0    Z2_
.................................................cuuucagucggauguuugUa.....     1    1    Z2_
.................................................cuuucagucggauguuugcag....     9    0    Z2_
.................................................cuuucagucggauguuugcagc...     9    0    Z2_
.................................................cuuucagucggauguuugcagU...    12    1    Z2_
.................................................Uuuucagucggauguuugcagc...     5    1    Z2_
.................................................cuuucagucggauguuugcagUu..    12    1    Z2_
.................................................cuuucagucggauguuugcagcA..     7    1    Z2_
.................................................cuuucagucggauguuugcagcu..     5    0    Z2_
.................................................cuuucagucggauguuuAcagcu..    13    1    Z2_
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..................................................uuucagucggauguuugcag....     2    0    Z2_
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..................................................uuucagucggauguuugcagcu..     4    0    Z2_
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