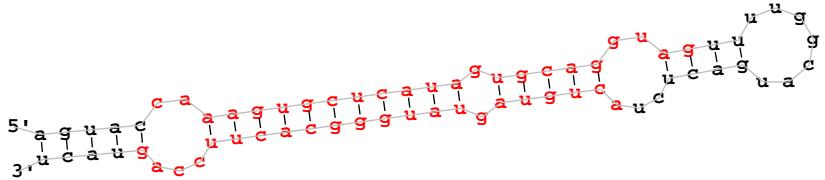miRBase precursor   : hsa-mir-20b
Total read count   : 4128
hsa-miR-20b-5p read count : 4077
hsa-miR-20b-3p read count : 30
remaining reads   : 21


```
                                               hsa-miR-20b-3p

          hsa-miR-20b-5p
5'- aguaccaaagugcucauagugcagguaguuuuggcaugacucuacuaguaguaugggcacuuccaguacu  -3'    exp
    (((((..((((((((((((.(((((..(((((.......)))))...))))).))))))))))))...)))))    reads     mm      sample
    .....caaagugUucauagugcaggu........................................             2         1       Z3_
    .....caaagugcucauagugcaggu........................................            26         0       Z3_
    .....caaUgugcucauagugcaggu........................................             1         1       Z3_
    .....caaagugcucauagugcaggC........................................             2         1       Z3_
    .....caaagugcucaCagugcaggua.......................................             1         1       Z3_
    .....caaagugcucauagugUaggua.......................................             1         1       Z3_
    .....caaagugcucauagugcaggua.......................................            10         0       Z3_
    .....caaagugcucauagugcagguaU......................................             1         1       Z3_
    .....caaGgugcucauagugcagguag......................................             1         1       Z3_
    .....caaagugcucauagugcagguaA......................................            11         1       Z3_
    .....caaagugcucauagugcagguGg......................................             3         1       Z3_
    .....caaagugcucauagugcagguag......................................           106         0       Z3_
    .....caaagugcucauagugUagguag......................................             1         1       Z3_
    .....caaagugcucauaAugcagguag......................................             1         1       Z3_
    .....caaagugcuUauagugcagguag......................................             4         1       Z3_
    .....caaagugcucaCagugcagguag......................................             4         1       Z3_
    .....Uaaagugcucauagugcagguag......................................             4         1       Z3_
    .....caaaguAcucauagugcagguag......................................             1         1       Z3_
    .....caaagugcucauagCgcagguag......................................             1         1       Z3_
    .....caaagugcucauagugcagguagu.....................................            45         0       Z3_
    .....caaagugcucauagugcagguagC.....................................             4         1       Z3_
    .....caaagugcucauagugcagguaAu.....................................             1         1       Z3_
    .....caaagugcucauagugcagguagA.....................................           208         1       Z3_
    .....caaagugcucauagugcagguagG.....................................             5         1       Z3_
    .....caaagugcucauagugcagguagAu....................................             1         1       Z3_
    ..........................................acuguaguaugggcacuuc.......            1         0       Z3_
    ..........................................acuguaguaugggcacuuU.......            1         1       Z3_

    .....caaagugcucauagugcaggu........................................            23         0       Z1_
    .....caaagugUucauagugcaggu........................................             1         1       Z1_
    .....caaagugcucauagugcaggC........................................             2         1       Z1_
    .....cCaagugcucauagugcaggua.......................................             1         1       Z1_
    .....caaagugcuUauagugcaggua.......................................             2         1       Z1_
    .....caaagugcucauagugcaggua.......................................            24         0       Z1_
```

hsa-miR-20b-5p

aguac**caaagugcucauagugcagguag**uuuuggcaugacucu**acuguaguaugggcacuuccag**uacu

Sequence	Count	Flag	Label
.....caaagugcucaCagugcagguag...	1	1	Z1_
.....caaagugcCcauagugcagguag...	1	1	Z1_
.....caaagGgcucauagugcagguag...	1	1	Z1_
.....caaagugcucauagugcGgguag...	3	1	Z1_
.....caaagugcucauagugcagguag...	197	0	Z1_
.....caaagCgcucauagugcagguag...	1	1	Z1_
.....caaagugcucauagugcagguGg...	1	1	Z1_
.....cGgagugcucauagugcagguag...	2	1	Z1_
.....caaagugcucauagugcagguaA...	11	1	Z1_
.....caaagugcucGuagugcagguag...	2	1	Z1_
.....caaagcuUauagugcagguag...	2	1	Z1_
.....caaagugcucauagugcagguaU...	1	1	Z1_
.....caaagugcucauaguUcagguag...	2	1	Z1_
.....caaagugcucauGgugcagguag...	1	1	Z1_
.....Uaaagugcucauagugcagguag...	1	1	Z1_
.....caaagugcucauagugcagguaCu...	2	1	Z1_
.....caaagugcucauagugcagguagC...	5	1	Z1_
.....Uaaagugcucauagugcagguagu...	1	1	Z1_
.....caaagcuUauagugcagguagu...	2	1	Z1_
.....caaagugcucauagugcagguagu...	145	0	Z1_
.....caaagugUucauagugcagguagu...	1	1	Z1_
.....caaagugcucauagugcagguagA...	437	1	Z1_
.....caaagugcAcauagugcagguagu...	1	1	Z1_
.....caaagugcucauGgugcagguagu...	1	1	Z1_
.....caaagugcucauagugcagguagG...	7	1	Z1_
.....caaagugcucauagCgcagguagu...	1	1	Z1_
.....caaagugcCcauagugcagguagu...	2	1	Z1_
......aaagugcucauagugcagguagu...	1	0	Z1_
......Caagugcucauagugcagguagu...	2	1	Z1_
....ucuacuguaguaugggcacu.........	1	0	Z1_
....ucuacuguaguaugggcacuuc.......	2	0	Z1_
....acuguaguaugggcacuuc.......	8	0	Z1_
....acuguaguaugggcacuuU.......	1	1	Z1_
....acuguaguaugggcacuucc......	1	0	Z1_
.....caaagugcucauagugUag...	1	1	GDM
.....caaagugcucauagugUagg...	5	1	GDM
.....caaagugcucauagugcagg...	5	0	GDM
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.....caaagugcucauagugUagg...	5	1	GDM
.....caaagcucaCagugcaggu...	3	1	GDM
.....caaagugcucaCagugcaggu...	3	1	GDM
.....caaagugcucauaguAcaggu...	2	1	GDM
.....caaagugcucauagugcagAu...	2	1	GDM
.....caaagugcCcauagugcaggu...	1	1	GDM
.....caaagugcucauagugcaggA...	4	1	GDM
.....caaagugcucauagugcaggA...	4	1	GDM
.....caaagugcucauagugcaggu...	149	0	GDM
.....caaagugcucauagugcaggC...	12	1	GDM
.....caaagugcucauagugcaggC...	12	1	GDM
.....caaagugAucauagugcaggu...	1	1	GDM
.....caaagcuUauagugcaggu...	1	1	GDM
.....caaagugcucauagugcaggu...	149	0	GDM
.....caaagugcucauagugcagAu...	2	1	GDM
.....Uaaagugcucauagugcaggu...	7	1	GDM
.....caaagugcucauagCgcaggu...	2	1	GDM
.....caaagugcucauagugcaggu...	149	0	GDM
.....caaagugcucauagugcaggC...	12	1	GDM
.....Uaaagugcucauagugcaggu...	7	1	GDM
.....caaagugcucauagugcaggua...	87	0	GDM
.....caaagcuUauagugcaggua...	4	1	GDM
.....caaagugcucauagugcaggua...	87	0	GDM
.....caaagcuUauagugcaggua...	4	1	GDM
.....caaagugcucauagCgcaggua...	2	1	GDM
.....caaagugcucauagugcagAua...	2	1	GDM
.....caaagugcucauagugUaggua...	2	1	GDM
.....caaagugcucauagugcCggua...	1	1	GDM
.....caaagugcucaCagugcaggua.....uuuuggcaugacucuacuguaguaugggcacuuccaguacu	10	1	GDM
.....Uaaagugcucauagugcaggua...	2	1	GDM

hsa-miR-20b-5p

aguaccaaagugcucauagugcagguaguuuuggcaugacucuacuguaguaugggcacuuccaguacu

```
.....caaagugcucaCagugcagguа.......................................... 10    1    GDM
.....caaagugcuUauagugcagguа.......................................... 4     1    GDM
.....caaagugcucaCagugcagguа.......................................... 10    1    GDM
.....caaagugcucauagugcGggtua......................................... 1     1    GDM
.....caaagugcucauagugUaggtua......................................... 2     1    GDM
.....caaagugcucauagugcagguG.......................................... 2     1    GDM
.....caaagugcAcauagugcagguа.......................................... 1     1    GDM
.....caaGgugcucauagugcagguа.......................................... 1     1    GDM
.....caaagugcucauagugcagguа.......................................... 87    0    GDM
.....cGaagugcucauagugcagguа.......................................... 1     1    GDM
.....caaagugcucauagugcagguG.......................................... 2     1    GDM
.....Uaaagugcucauagugcagguag......................................... 22    1    GDM
.....caaagugcucauagugcagguaU......................................... 7     1    GDM
.....caUagugcucauagugcagguag......................................... 1     1    GDM
.....caaagugcucauagugcagguaC......................................... 3     1    GDM
.....caaagugcuUauagugcagguag......................................... 19    1    GDM
.....caaagugcucauagugcagguaC......................................... 3     1    GDM
.....caaagugcucauagugUagguag......................................... 2     1    GDM
.....caaagugcucauagCgcagguag......................................... 2     1    GDM
.....caGagugcucauagugcagguag......................................... 4     1    GDM
.....caaagugcucauagugcagguag......................................... 550   0    GDM
.....caaagugcucaCagugcagguag......................................... 9     1    GDM
.....caaagugcucauagCgcagguag......................................... 2     1    GDM
.....caaagugcucauagugcaggCag......................................... 1     1    GDM
.....caaagugcCcauagugcagguag......................................... 2     1    GDM
.....caaagCgcucauagugcagguag......................................... 2     1    GDM
.....caaagugcucauagugcagguCg......................................... 6     1    GDM
.....caaagugcucauagugcagguGg......................................... 3     1    GDM
.....caaagugcCcauagugcagguag......................................... 2     1    GDM
.....caGagugcucauagugcagguag......................................... 4     1    GDM
.....caaagugcuUauagugcagguag......................................... 19    1    GDM
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.....caaagugcucauagugcagguaA......................................... 37    1    GDM
.....caaagugcucauagugcUgguag......................................... 2     1    GDM
.....caaagugcucauagugcaggGag......................................... 2     1    GDM
.....caaagugcucaCagugcagguag......................................... 9     1    GDM
.....caaagugcucauagugcagguag......................................... 550   0    GDM
.....caGagugcucauagugcagguag......................................... 4     1    GDM
.....caaagugcucauagugcagAuag......................................... 1     1    GDM
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.....caaagugcucauaAugcagguag......................................... 1     1    GDM
.....caaagugcucauagugcagguaU......................................... 7     1    GDM
.....caaagugcucaCagugcagguag......................................... 9     1    GDM
.....caaagugcucauaguCcagguag......................................... 1     1    GDM
.....caaagugcucauagugcUgguag......................................... 2     1    GDM
.....caaagugcuUauagugcagguag......................................... 19    1    GDM
.....Aaaagugcucauagugcagguag......................................... 2     1    GDM
.....caaaguAcucauagugcagguag......................................... 1     1    GDM
.....caaagugcuAauagugcagguag......................................... 1     1    GDM
.....caaagugcucGuauagugcagguag....................................... 3     1    GDM
.....caaagugcucauagugcagguaU......................................... 7     1    GDM
.....caaagugcucauagugcagguaA......................................... 37    1    GDM
.....caaGgugcucauagugcagguag......................................... 3     1    GDM
.....caaUgugcucauagugcagguag......................................... 1     1    GDM
.....caaagugcucauGgugcagguag......................................... 1     1    GDM
.....caaagugcucauagugcagguag......................................... 550   0    GDM
.....caaGgugcucauagugcagguag......................................... 3     1    GDM
.....caaagugcucGuagugcagguag......................................... 3     1    GDM
.....caaagugcucauagugcagguaA......................................... 37    1    GDM
.....Uaaagugcucauagugcagguag......................................... 22    1    GDM
.....cGaagugcucauagugcagguag......................................... 1     1    GDM
.....caaagugcucauagugcagguGg......................................... 3     1    GDM
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.....caaagugcucaCagugcagguagu........................................ 2     1    GDM
.....caaagugcucauagugcGgguagu........................................ 2     1    GDM
.....caaagugcuUauagugcagguagu........................................ 9     1    GDM
.....caaagugcucauagugcagguagG........................................ 10    1    GDM
.....caaagugcuUauagugcagguagu...uuuggcaugacucuacuguaguaugggcacuuccaguacu.... 9     1    GDM
.....caaagugcucauagugcaggCagu........................................ 3     1    GDM
```

```
                                    hsa-miR-20b-3p

        hsa-miR-20b-5p

aguaccaaagugcucauagugcagguaguuuuggcaugacucuacuguaguaugggcacuuccaguacu
```

```
.....caaagugcucauagugcagguagA.........................................    891    1    GDM
.....caaaguAcucauagugcagguagu.........................................      1    1    GDM
.....caaaguUcucauagugcagguagu.........................................      1    1    GDM
.....Aaaagugcucauagugcagguagu.........................................      2    1    GDM
.....caaagugcucauagugcagguagu.........................................    206    0    GDM
.....caaagugcucauagugcagguagu.........................................    206    0    GDM
.....caaagugcucauagugcagguagA.........................................    891    1    GDM
.....caaagCgcucauagugcagguagu.........................................      4    1    GDM
.....caaagugcucauagugUagguagu.........................................      2    1    GDM
.....caGagugcucauagugcagguagu.........................................      3    1    GDM
.....caaagugcucauagugcagguagC.........................................     18    1    GDM
.....caaagugcucauagugcagguagA.........................................    891    1    GDM
.....Uaaagugcucauagugcagguagu.........................................      4    1    GDM
.....caaagugcucauagugcagguagu.........................................    206    0    GDM
.....caaagugcucauagugcaggCagu.........................................      3    1    GDM
.....caaagugcucauagugcaggCagu.........................................      3    1    GDM
.....Aaaagugcucauagugcagguagu.........................................      2    1    GDM
.....caaagugcCcauagugcagguagu.........................................      2    1    GDM
.....Uaaagugcucauagugcagguagu.........................................      4    1    GDM
.....caaagugcucauagugcagguagC.........................................     18    1    GDM
.....caaagugcucGuagugcagguagu.........................................      1    1    GDM
.....caaagugcucauagugcagguagG.........................................     10    1    GDM
.....caaGgugcucauagugcagguagu.........................................      3    1    GDM
.....cGaagugcucauagugcagguagu.........................................      2    1    GDM
.....caaagugcucauagugcagguagC.........................................     18    1    GDM
.....caaGgugcucauagugcagguagu.........................................      3    1    GDM
.....caaagugcucauagugcagguagG.........................................     10    1    GDM
.....caaagugcucauagugcaggAagu.........................................      1    1    GDM
.....caaagugcCcauagugcagguagu.........................................      2    1    GDM
.....caaagugcucauagugcagguagAu........................................      2    1    GDM
.....caaagugcucauagugcagguaguu........................................      2    0    GDM
......aaagugcucauagugcaggua...........................................      1    0    GDM
......Caagugcucauagugcagguag..........................................      1    1    GDM
......aaagugcucauagugcagguaA..........................................      1    1    GDM
......aaagugcucauagugcagguag..........................................      5    0    GDM
......aaagugcucauagugcagguag..........................................      5    0    GDM
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......aaagugcucauagugcagguagu.........................................      7    0    GDM
......aaagugcucauagugcagguagA.........................................     10    1    GDM
...............................ucuacuguaguaugggcacu...................     10    0    GDM
...............................ucuacuguaguaugggcacC...................      1    1    GDM
...............................ucuacuguGguaugggcacu...................      1    1    GDM
...............................ucuacuguaguaugggcacu...................     10    0    GDM
...............................ucuacuguaguaugggcacuuc.................      2    0    GDM
...............................ucuacuguaguaugggcacuuU.................      2    1    GDM
...............................ucuacuguaguaugggcacuuU.................      2    1    GDM
................................acuguaguaugggcacuuc...................     10    0    GDM
................................acuguaguaugggcacuuc...................     10    0    GDM
................................acuguaguaugggcacuucc..................      1    0    GDM
................................acuguaguaugggcacuucca.................      3    0    GDM
................................acuguaguaugggcacuucca.................      3    0    GDM


....ccaaagugcucauagugcagguagA.........................................      1    1    Z2_
.....caaagugcucauagugcagg.............................................      2    0    Z2_
.....cGaagugcucauagugcaggu............................................      1    1    Z2_
.....Aaaagugcucauagugcaggu............................................      1    1    Z2_
.....caaagugcucauagugcaggG............................................      1    1    Z2_
.....caaagugcucauagugcaggu............................................     30    0    Z2_
.....caaagugcucauagugcaggC............................................      2    1    Z2_
.....caaagugcucauagugcaggua...........................................     24    0    Z2_
.....caaagugcucaCagugcaggua...........................................      2    1    Z2_
.....caaagCgcucauagugcagguag..........................................      3    1    Z2_
.....Uaaagugcucauagugcagguag..........................................      7    1    Z2_
.....cGaagugcucauagugcagguag..........................................      1    1    Z2_
.....caGagugcucauagugcagguag..........................................      1    1    Z2_
.....caaagugcucauagugcGgguag..........................................      2    1    Z2_
.....caaagugcucaCagugcagguag..........................................      5    1    Z2_
.....caaagugcucauaguAcagguag.....uuuuggcaugacucuacuguaguaugggcacuuccaguacu  1    1    Z2_
.....caaagugcucauagugcagguaA..........................................      7    1    Z2_
```

```
.....Aaaagugcucauagugcagguag.........................................    1      1    Z2_
.....caaagugcuUauagugcagguag.........................................   11      1    Z2_
.....caaagugcucauagugcagguag.........................................  148      0    Z2_
.....caaagugcucauagugcagguaU.........................................    2      1    Z2_
.....caaagugcucauagCgcagguag.........................................    2      1    Z2_
.....caaagugcucauagugGagguagu........................................    1      1    Z2_
.....caaagugcucauagugcagguagC........................................    2      1    Z2_
.....caaagugcucauagugcagguagG........................................    2      1    Z2_
.....caaagugcucauagugcagguagA........................................  257      1    Z2_
.....caaagugcucauagugcagguagu........................................   28      0    Z2_
.....caaagugcucauaguAcagguagu........................................    1      1    Z2_
......aaagugcucauagugcagguag.........................................    1      0    Z2_
.......................................ucuacuguaguaugggcacuuA.......    2      1    Z2_
........................................uacuguaguaugggcacuuU.......    2      1    Z2_
.........................................acuguaguaugggcacuuc.......    2      0    Z2_
```