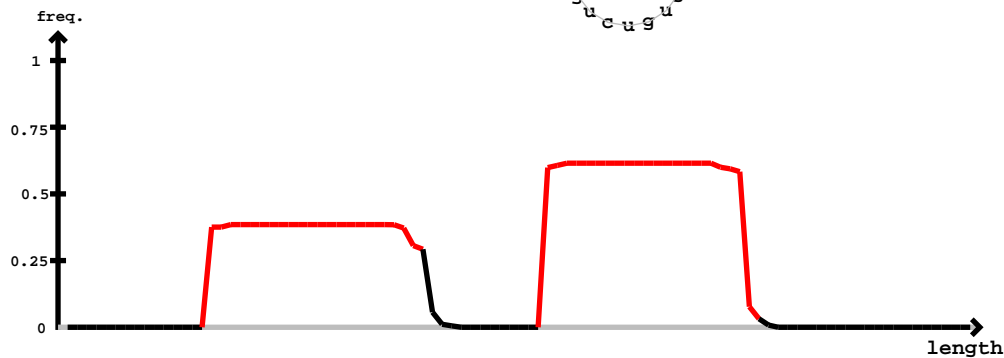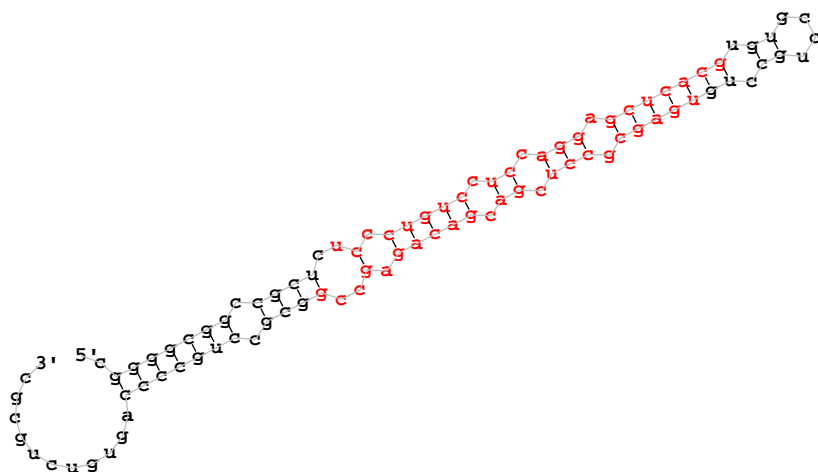miRBase precursor   : hsa-mir-339
Total read count   : 1699
hsa-miR-339-5p read count : 654
hsa-miR-339-3p read count : 1045
remaining reads   : 0

freq.

length

hsa-miR-339-3p

hsa-miR-339-5p

```
5'- cggggcggccgcucucccuguccuccaggagcucacgugugccugccugugagcgccucgacgacagagccggcgccugccccagugucugcgc  -3'   exp
     .((((((((.(((((..(.(((((.((.(((.(((((((((.((....)).))))))))).))).)).)))))).).)))).)))))))..........   reads     mm             sample
     ............ucccuguccuccaggagcuc..................................................................      9        0            Z1_
     ............ucccuguccuccaggagcucU.................................................................      4        1            Z1_
     ............ucccuguccuccaggagcuca.................................................................     12        0            Z1_
     ............ucccuguccucUaggagcuca.................................................................     10        1            Z1_
     ............ucccuguccuccaggagcucC.................................................................      1        1            Z1_
     ............ucccuguccuccaggagcucaU................................................................      2        1            Z1_
     ............ucccuguccuccaggagcucac................................................................      5        0            Z1_
     ............ucccuguccuccaggagcucaA................................................................      1        1            Z1_
     ............ucccuguccuccaggagcucacg...............................................................    105        0            Z1_
     ............ucccuguccucAaggagcucacg...............................................................      1        1            Z1_
     ............ucccuguccccGggagcucacg...............................................................      1        1            Z1_
     ............Ccccuguccuccaggagcucacg...............................................................      1        1            Z1_
     ............ucccuguccuccaggagcucacU...............................................................      4        1            Z1_
     ............ucccuguccuccaggagcucacA...............................................................     15        1            Z1_
     ............ucccuguccuccaggagcCcacg...............................................................      2        1            Z1_
     ............ucccAguccuccaggagcucacg...............................................................      1        1            Z1_
     ............ucccuguccuccaggagcucacgC..............................................................      2        1            Z1_
     ............ucccuguccuccaggagcucacgG..............................................................      1        1            Z1_
     ............ucccuguccuccaggagcucacgA..............................................................      3        1            Z1_
     ............ucccuguccuccaggagcucacgu..............................................................     22        0            Z1_
     ............ucccuguccuccaggagcucacguU.............................................................      1        1            Z1_
     ............ucccuguccuccaggagcucacguA.............................................................      1        1            Z1_
     ............ucccuguccuccaggagcucacguUu............................................................      1        1            Z1_
     ............ucccuguccuccaggagcucacgugu............................................................      2        0            Z1_
     ............ucccuguccuccaggUgcucacgugu............................................................      2        1            Z1_
     ..............ccuguccuccaggagcucacg...............................................................      5        0            Z1_
     ..............ccuguccuccaggagcucacguA.............................................................      1        1            Z1_
     ............................................ugagcgccucgacgacag....................................     13        0            Z1_
     ............................................ugagcgccucgacgacaga...................................      2        0            Z1_
     ............................................ugagcgccucgacgacagag..................................      4        0            Z1_
     ............................................ugagcgccucgacgacagagA.................................      4        1            Z1_
     ............................................Cgagcgccucgacgacagagc.................................      1        1            Z1_
     ............................................ugagcgccuUgacgacagagc.................................      1        1            Z1_
     ............................................ugagcgccCcgacgacagagc.................................      5        1            Z1_
```

cggggcggccgcucucccuguccuccaggagcucacgugugccugccugugagcgccucgacgacagagccggcgccugccccagugucugcgc

```
..................................................ugGgcgccucgacgacagagc........................  3    1   Z1_
..................................................ugagcgccucgacgacagagc........................  217  0   Z1_
..................................................ugagcgccucgacgacagGgc........................  6    1   Z1_
..................................................ugagcgccucgacgacGgagc........................  3    1   Z1_
..................................................ugagcgccucgacgacagagU........................  51   1   Z1_
..................................................ugagcgccucAacgacagagc........................  2    1   Z1_
..................................................ugagcgccucgacgacaUagc........................  1    1   Z1_
..................................................ugagcgccucgacgacagagcA.......................  2    1   Z1_
..................................................ugagcgccucgacgacagagcc.......................  9    0   Z1_
..................................................ugagcgccucgacgacagagcU.......................  10   1   Z1_
..................................................ugagcgUcucgacgacagagcc.......................  1    1   Z1_
..................................................ugagcgccucgacgacagagccg......................  2    0   Z1_
..................................................ugagcgccucgacgacagagUcg......................  1    1   Z1_
..................................................ugagcgccucgacgacagagccU......................  2    1   Z1_
..................................................ugagcgccucgacgacagagccgA.....................  7    1   Z1_
...................................................gagcgccucgacgacagagU........................  1    1   Z1_
...................................................gagcgccucgacgacagagcA.......................  1    1   Z1_
....................................................agcgccucgacgacagagccg......................  1    0   Z1_
....................................................agcgccucgacgacagagccgA.....................  1    1   Z1_


..............ucccuguccuccaggagcu.................................................................  1    0   GDM
..............ucccuguccuccaggagcuc................................................................  2    0   GDM
..............ucccuguccuccaggagcuU................................................................  2    1   GDM
..............ucccuguccuccaggUgcuc................................................................  1    1   GDM
..............ucccuguccuccaggagcuU................................................................  2    1   GDM
..............ucccuguccucUaggagcuca...............................................................  6    1   GDM
..............ucccuguccuccaggagcucC...............................................................  6    1   GDM
..............ucccugCccuccaggagcuca...............................................................  1    1   GDM
..............ucccuguccuccaggagcucC...............................................................  6    1   GDM
..............ucccuguccuccaggagcuGa...............................................................  1    1   GDM
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..............ucccuguccuccaggagcucG...............................................................  1    1   GDM
..............ucccuguccuccaggagcucU...............................................................  7    1   GDM
..............ucccuguccuccaggagcucU...............................................................  7    1   GDM
..............ucccuguccucUaggagcuca...............................................................  6    1   GDM
..............ucccuguccuccaggagcuca...............................................................  36   0   GDM
..............ucccuguccuccaggagcuca...............................................................  36   0   GDM
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..............ucccuguccuccaggagcucac..............................................................  3    0   GDM
..............ucccuguccuccaggagcucac..............................................................  3    0   GDM
..............ucccuguccuccaggagcucaA..............................................................  1    1   GDM
..............ucccuguUcuccaggagcucacg.............................................................  2    1   GDM
..............ucccuguccuccaggagcucacA.............................................................  10   1   GDM
..............ucccuguccucUaggagcucacg.............................................................  1    1   GDM
..............ucccuguccuccaggagcucacg.............................................................  111  0   GDM
..............ucccuguccuccaggaAcucacg.............................................................  1    1   GDM
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..............ucccuguccuccaggUgcucacg.............................................................  1    1   GDM
..............ucccuguccuccaggagcucUcg.............................................................  1    1   GDM
..............ucccuguccuccaggagcucaUg.............................................................  1    1   GDM
..............ucccuguccuccaggagcucacU.............................................................  8    1   GDM
............Ccccuguccuccaggagcucacg...............................................................  1    1   GDM
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..............ucccuguccuAcaggagcucacg.............................................................  1    1   GDM
............uUccuguccuccaggagcucacg...............................................................  1    1   GDM
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..............ucccuguccuccaggagcucacgA............................................................  6    1   GDM
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............ucccuguccuccaggagcucacgu..............................................................  9    0   GDM
............ucccuguccuccaggagcucacgC..............................................................  2    1   GDM
ucccuguccuccaggagcucacgugugccugccug..............................................................  9    0   GDM
............ucUcuguccuccaggagcucacgu..............................................................  1    1   GDM
```

hsa-miR-339-3p

    hsa-miR-339-5p

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............ucccuguccuccaggagcucacguC.. 3   1   GDM
............ucccuguccuccaggagcucacguC.. 3   1   GDM
............ucccuguccuccaggagcucacguU.. 1   1   GDM
............ucccuguccuccaggagcucacgugu... 2   0   GDM
...............ccuguccuccaggagcucacg... 2   0   GDM
...............ccuguccuccaggagcucacU... 1   1   GDM
...............ccuguccuccaggagcucacA... 1   1   GDM
....ugagcgccucgacgacaA.................................. 1   1   GDM
....ugagcgccucgacgacag.................................. 3   0   GDM
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....ugagcgccucgacgacaga................................. 7   0   GDM
....ugagcgccucgacgacaga................................. 7   0   GDM
....ugagcgccucgacgacagag................................ 3   0   GDM
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....ugagcgccucgacgacagagA............................... 8   1   GDM
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....ugGgcgccucgacgacagagc............................... 2   1   GDM
....ugagcgccucgacgGcagagc............................... 3   1   GDM
....ugagcgccucgacgaUagagc............................... 3   1   GDM
....ugagcgccucgacgacagagU............................... 42   1   GDM
....ugagcgccucgacgacagagc............................... 261 0   GDM
....ugagcgccucgacgacagagc............................... 261 0   GDM
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....ugagcgccucgacgacagagc............................... 261 0   GDM
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....gagcgccucgacgacagagccg........................... 5   0   GDM
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....agcgccucgacgacagagccg......................... 3   0   GDM

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...........ucccuAuccuccaggagcuc... 1   1   Z2_
...........ucccuguccuccaggagcCca... 1   1   Z2_
...........ucccugCccuccaggagcuca... 1   1   Z2_
...........ucccuguccuccaggagcuca... 13   0   Z2_
...........ucccuguccuccaggagcucaU.. 1   1   Z2_
...........ucccuguccuccaggagcucac.. 6   0   Z2_
...........ucccuguccuccaggagcucacg... 68   0   Z2_
...........ucccuguccuccaggagcucaGg... 1   1   Z2_

cggggcggccgcuc**ucccuguccuccaggagcucacg**ugugccugccug**ugagcgccucgacgacagagccg**gcgccugccccagugucugcgc

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.............ucccuguccuccaggagcucacA.............................................  9    1   Z2_
.............ucccuguccuccaggagcucacU.............................................  5    1   Z2_
.............ucccuguccucUaggagcucacg.............................................  3    1   Z2_
.............ucccuguccAccaggagcucacgu............................................  1    1   Z2_
.............ucccuguccuccaggagcucacgu............................................  19   0   Z2_
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................ccuguccuccaggagcucacgugu.........................................  1    0   Z2_
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....................................ugagcgccucgacAacagag.........................  3    1   Z2_
....................................ugagcgccucgacgacagag.........................  6    0   Z2_
....................................ugagcgccucgacgacagagU........................  9    1   Z2_
....................................ugagcgccucgacgacagagc........................  164  0   Z2_
....................................uCagcgccucgacgacagagc........................  1    1   Z2_
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....................................ugagcgccucgacgacagagcc.......................  9    0   Z2_
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......................................agcgccucgacgacagagccg......................  2    0   Z2_
......................................agcgccCcgacgacagagccg......................  1    1   Z2_

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...........ucccuguccuccaggagcucU.................................................  2    1   Z3_
...........ucccuguccuccaggagcuca.................................................  7    0   Z3_
...........ucccuguccucUaggagcuca.................................................  2    1   Z3_
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....................................ugagcgccucgacgacagagc........................  23   0   Z3_
....................................Cgagcgccucgacgacagagc........................  2    1   Z3_
....................................ugagcgccucgacgGcagagc........................  1    1   Z3_
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......................................agcgccucgacgacagagU........................  1    1   Z3_
```

cggggcggccgcuc**ucccuguccuccaggagcucacg**ugugccugccug**ugagcgccucgacgacagagccg**gcgccugccccagugucugcgc