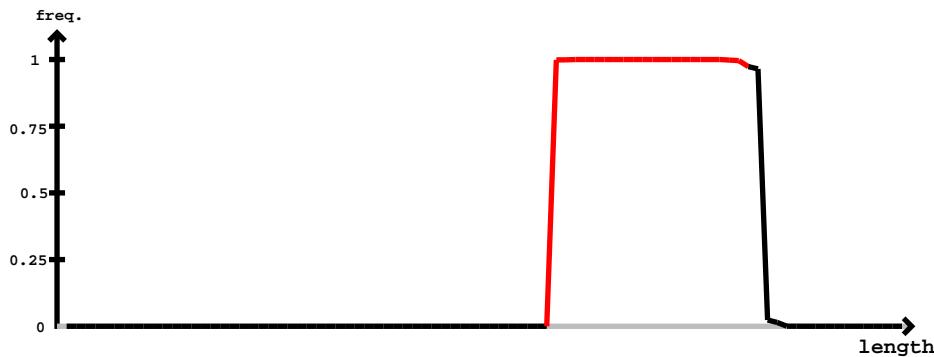miRBase precursor   : hsa-mir-3615
Total read count   : 97508
hsa-miR-3615 read count : 97507
remaining reads   : 1

hsa-miR-3615

```
5'- gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu  -3'   exp
    (((((.(.((.(((((..((.((((((((.(((((.((((.((........))..)))).)))))).)))))))))..)))))).)).).))))
    .......................................................ucucucggcuccucgcgg...................    4     0   Z3_
    .......................................................ucucucggcuccucgcggc..................    8     0   Z3_
    .......................................................ucucucggcuccucgcggU..................    1     1   Z3_
    .......................................................ucucucggcuccucgcggA..................    1     1   Z3_
    .......................................................ucucucggcuccucgcggcA.................   15     1   Z3_
    .......................................................ucucucggUuccucgcggcu.................    2     1   Z3_
    .......................................................Ccucucggcuccucgcggcu.................    1     1   Z3_
    .......................................................ucucCcggcuccucgcggcu.................    3     1   Z3_
    .......................................................ucucucggcuccucgcggcu.................  123     0   Z3_
    .......................................................Acucucggcuccucgcggcu.................    2     1   Z3_
    .......................................................ucucucggcuccucgcggcG.................    1     1   Z3_
    .......................................................ucucucggcCccucgcggcu.................    2     1   Z3_
    .......................................................ucucucggcuccucgcggcC.................   15     1   Z3_
    .......................................................ucucucggcuccucgcgAcu.................    2     1   Z3_
    .......................................................ucGcucggcuccucgcggcu.................    1     1   Z3_
    .......................................................ucucucggcuccucgcggcuA................    7     1   Z3_
    .......................................................ucucucggcuccucgcggcuU................   15     1   Z3_
    .......................................................ucucucggcuccucgcggcuc................   20     0   Z3_
    .......................................................ucucucgAcuccucgcggcuc................    1     1   Z3_
    .......................................................ucucucggcuccucgcggcGcg...............    3     1   Z3_
    .......................................................ucucucggcuAcucgcggcucg...............    2     1   Z3_
    .......................................................ucucucggcuccucgcggcucU...............   91     1   Z3_
    .......................................................ucucuUggcuccucgcggcucg...............    4     1   Z3_
    .......................................................ucucucggcuccucgcgCcucg...............    1     1   Z3_
    .......................................................ucucucggcuccucgcggcAcg...............    1     1   Z3_
    .......................................................ucucucgAcuccucgcggcucg...............    7     1   Z3_
    .......................................................ucucucgCcuccucgcggcucg...............    3     1   Z3_
    .......................................................ucucucggcuccucgcUgcucg...............    2     1   Z3_
    .......................................................ucucAcggcuccucgcggcucg...............    6     1   Z3_
    .......................................................ucAcucggcuccucgcggcucg...............    2     1   Z3_
    .......................................................ucucucggcAccucgcggcucg...............    5     1   Z3_
    .......................................................ucucucggcucUccgcggcucg...............    2     1   Z3_
    .......................................................ucucucggUuccucgcggcucg...............   13     1   Z3_
    .......................................................ucucucggcucUucgcggcucg...............    5     1   Z3_
    .......................................................ucucucggcuccucgUggcucg...............    3     1   Z3_
```

hsa-miR-3615

gacucugggacgcucagacgccgcgcggggcggggauuggucuguggucc**ucucucggcuccucgcggcuc**gcggcggccgacgguu

Sequence	Count	MM	Group
....ucucucggcuccucgcggcucg...............	4286	0	Z3_
....Acucucggcuccucgcggcucg...............	6	1	Z3_
....ucucucAgcuccucgcggcucg...............	14	1	Z3_
....ucucucggAuccucgcggcucg...............	1	1	Z3_
....ucuUucggcuccucgcggcucg...............	5	1	Z3_
....ucucucggcuccucgcggcCcg...............	15	1	Z3_
....ucucucggcuccucgcggcuUg...............	8	1	Z3_
....ucucCcggcuccucgcggcucg...............	18	1	Z3_
....ucucucggcuccucAcggcucg...............	8	1	Z3_
....ucucuAggcuccucgcggcucg...............	1	1	Z3_
....ucucucggcCccucgcggcucg...............	19	1	Z3_
....ucucucggcuccuAgcggcucg...............	1	1	Z3_
....ucucucggcuccucgcggcucA...............	481	1	Z3_
....ucucucggcuccucgAggcucg...............	3	1	Z3_
....ucucucggcuccucgcAgcucg...............	6	1	Z3_
....ucucucggcuccucgcggUucg...............	9	1	Z3_
....ucucGcggcuccucgcggcucg...............	2	1	Z3_
....ucucucggcuccucgcggAucg...............	1	1	Z3_
....Ccucucggcuccucgcggcucg...............	19	1	Z3_
....ucucucggcuUcucgcggcucg...............	2	1	Z3_
....ucucucggcuccucgcggcucC...............	38	1	Z3_
....ucucucggcuccAcggcucg...............	2	1	Z3_
....ucucucggcuccucgcgUcucg...............	2	1	Z3_
....ucucucCgcuccucgcggcucg...............	2	1	Z3_
....ucucucggcuccuUgcggcucg...............	6	1	Z3_
....ucucucggcGccucgcggcucg...............	2	1	Z3_
....ucucucggcuccucgcCgcucg...............	2	1	Z3_
....ucucucggcuccucgcggGucg...............	1	1	Z3_
....ucucucggcuccCcgcggcucg...............	26	1	Z3_
....ucucucggcuccucgcgAcucg...............	13	1	Z3_
....ucucucggcuccucgcggcuAg...............	2	1	Z3_
....ucCcucggcuccucgcggcucg...............	28	1	Z3_
....ucucucggcucAucgcggcucg...............	5	1	Z3_
....uAucucggcuccucgcggcucg...............	7	1	Z3_
....uUucucggcuccucgcggcucg...............	7	1	Z3_
....ucucucggcuccucgcggcucgG...............	9	1	Z3_
....ucucucggcuccucgcggcucgA...............	4	1	Z3_
....ucucucggcuccucgcggcucgU...............	45	1	Z3_
....ucucucggcuccucgcggcucgc...............	4	0	Z3_
....ucucucggcuccucgcggcucgUg.............	19	1	Z3_
....ucucucggcuccucgcggCcgcg.............	1	1	Z3_
....ucucucggcuccucgcggcuUgcg.............	1	1	Z3_
....ucucucggcuccucgcggcucgcg.............	57	0	Z3_
....ucucucggcuccucgcggcucgcU.............	29	1	Z3_
....ucucucggcuccucAcggcucgcg.............	1	1	Z3_
....ucucucggcuccucgcggcucgcA.............	13	1	Z3_
....ucucucggcuccucgcggcucgcgC............	1	1	Z3_
....ucucucggcuccucgcggcucgcgg............	2	0	Z3_
....ucucucggcuccucgcggcucgcgU............	1	1	Z3_
....ucucucggcuccucgcggcucgcggU...........	3	1	Z3_
....ucucggcuccucgcggcucg...............	2	0	Z3_
....ucucggcuccucgcggcucgcg.............	1	0	Z3_
...................................uggucugugCuccucucuc...............................	1	1	Z2_
....ucucucggcuccucgcgg...................	31	0	Z2_
....ucucucggcuccucgcggc..................	19	0	Z2_
....ucuUucggcuccucgcggc..................	3	1	Z2_
....ucucucggcuccucgcggA..................	4	1	Z2_
....ucucucggcuccucgcggU..................	7	1	Z2_
....uUucucggcuccucgcggcu.................	1	1	Z2_
....ucucucggcuUcucgcggcu.................	2	1	Z2_
....ucCcucggcuccucgcggcu.................	4	1	Z2_
....ucucucggcuccucgcggcC.................	25	1	Z2_
....ucucCcggcuccucgcggcu.................	2	1	Z2_
....ucucucggcuccucgcggcA.................	13	1	Z2_
....ucucucAgcuccucgcggcu.................	2	1	Z2_
....ucucucggcuccucgcgAcu.................	1	1	Z2_
....ucucucgAcuccucgcggcu.................	3	1	Z2_
gacucugggacgcucagacgccgcgcggggcggggauuggucuguggucucucggcCcucgcggcu.gcggcggccgacgguu	2	1	Z2_
....ucucucggcuccucgcggcu.................	287	0	Z2_

hsa-miR-3615

```
gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu
```

Sequence	Count	Mismatch	Label
....ucucucggcuccucAcggcu..............	2	1	Z2_
....ucucucggcuccucgcgCcu..............	1	1	Z2_
....uAucucggcuccucgcggcu..............	1	1	Z2_
....ucucucggcuccucgcggcG..............	3	1	Z2_
....ucucucggcuccCcgcggcu..............	3	1	Z2_
....ucucucggcuccuUgcggcu..............	1	1	Z2_
....ucAcucggcuccucgcggcu..............	2	1	Z2_
....ucucucggcuccuUgcggcuc.............	1	1	Z2_
....ucucucggcuccCcgcggcuc.............	2	1	Z2_
....ucucucggcCccucgcggcuc.............	1	1	Z2_
....Ccucucggcuccucgcggcuc.............	2	1	Z2_
....ucucucggcuccucgcgCcuc.............	1	1	Z2_
....ucucucggcuUcucgcggcuc.............	1	1	Z2_
....ucucucggcuccucgcggcuc.............	85	0	Z2_
....ucucucggcuccucgcggcuA.............	10	1	Z2_
....ucucucggcuccucgcggcuU.............	22	1	Z2_
....ucucucggcuccucgcggAucg............	3	1	Z2_
....ucCcucggcuccucgcggcucg............	102	1	Z2_
....ucucucggcuccucgUggcucg............	53	1	Z2_
....ucucucggcuccucgcggcuUg............	29	1	Z2_
....ucucGcggcuccucgcggcucg............	1	1	Z2_
....ucucucggcuccucCcggcucg............	5	1	Z2_
....ucucucggcuccucgcgAcucg............	19	1	Z2_
....Gcucucggcuccucgcggcucg............	3	1	Z2_
....ucucucggcuccucgcUgcucg............	2	1	Z2_
....ucucucggcuccucgcggUucg............	13	1	Z2_
....ucucucggcuccucgcggcucC............	83	1	Z2_
....ucucucggcuccucgcggcuAg............	4	1	Z2_
....ucucucggcucUucgcggcucg............	10	1	Z2_
....ucucucggcuGcgcgcggcucg............	1	1	Z2_
....ucuAucggcuccucgcggcucg............	3	1	Z2_
....ucucucgCcuccucgcggcucg............	1	1	Z2_
....ucucucggcuccuUgcggcucg............	32	1	Z2_
....ucucucAgcuccucgcggcucg............	32	1	Z2_
....ucucucUgcuccucgcggcucg............	6	1	Z2_
....ucucucggcuccucgAggcucg............	5	1	Z2_
....ucucucggcuccucUcggcucg............	4	1	Z2_
....ucucucggcuccucgcggcCcg............	82	1	Z2_
....ucucucggcuccucgcggcAcg............	11	1	Z2_
....ucuUucggcuccucgcggcucg............	10	1	Z2_
....ucucucggGuccucgcggcucg............	2	1	Z2_
....ucucucggcuccuAgcggcucg............	7	1	Z2_
....ucucucggcCccucgcggcucg............	73	1	Z2_
....ucucAcggcuccucgcggcucg............	21	1	Z2_
....ucucucggcAccucgcggcucg............	5	1	Z2_
....uUucucggcuccucgcggcucg............	15	1	Z2_
....ucucucCgcuccucgcggcucg............	1	1	Z2_
....ucGcucggcuccucgcggcucg............	1	1	Z2_
....ucAcucggcuccucgcggcucg............	10	1	Z2_
....ucucucggUuccucgcggcucg............	27	1	Z2_
....ucucucggcuccucgcggcucA............	951	1	Z2_
....ucucucggcuUcucgcggcucg............	16	1	Z2_
....ucucuUggcuccucgcggcucg............	29	1	Z2_
....ucucucgAcuccucgcggcucg............	25	1	Z2_
....ucucucggcucAucgcggcucg............	1	1	Z2_
....Acucucggcuccucgcggcucg............	20	1	Z2_
....ucucucggcuccCcgcggcucg............	101	1	Z2_
....ucucucggcuccucgcggcGcg............	3	1	Z2_
....ucucucggcuccucgGggcucg............	2	1	Z2_
....ucucuAggcuccucgcggcucg............	10	1	Z2_
....ucucucggcuccucgcggcucg............	15167	0	Z2_
....ucucucggcuccucgcAgcucg............	27	1	Z2_
....Ccucucggcuccucgcggcucg............	102	1	Z2_
....uAucucggcuccucgcggcucg............	14	1	Z2_
....ucucCcggcuccucgcggcucg............	62	1	Z2_
....ucucucggcuccucAcggcucg............	32	1	Z2_
....ucucucggcuccucgcGcucg............	7	1	Z2_
....ucucucggcGccucgcggcucg............	7	1	Z2_
gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcgUcucg............	4	1	Z2_
....ucucucggcuAcucgcggcucg............	5	1	Z2_

hsa-miR-3615

```
gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu
```

Sequence	Count	Flag	Group
....ucucucggcuccucgcggcucU..............	157	1	Z2_
....ucucucggcuccAcgcggcucg..............	14	1	Z2_
....ucucucggcuccucgcggcucgc.............	15	0	Z2_
....ucucucggcuccucgcggcucgU.............	133	1	Z2_
....ucucucggcuccucgcggcucgA.............	15	1	Z2_
....ucucucggcuccucgcggcucgG.............	2	1	Z2_
....ucucucggcuccucgcggcucgcg............	94	0	Z2_
....ucucucggcuccucgcggcucgcA............	3	1	Z2_
....ucucucggcuccucgcggcucgUg............	39	1	Z2_
....ucucucggcuccucgcggcucgcC............	1	1	Z2_
....ucucucggcuccucgcggcuAgcg............	1	1	Z2_
....Ccucucggcuccucgcggcucgcg............	2	1	Z2_
....ucucucggcuccucgcggcucgcU............	35	1	Z2_
....ucucucggcuccucgcgAcucgcgg...........	2	1	Z2_
....ucucucggcuccucgcggcucgcgUc..........	1	1	Z2_
....cucucggcuccucgcggcucg..............	1	0	Z2_
....ucucggcuccucgcggcucg..............	13	0	Z2_
....ucucggcuccucgcggcucgcg............	4	0	Z2_
....ucucggcuUcgcggcucgcg..............	1	1	Z2_
....Ucucucucggcuccucgcggcucg.............	1	1	GDM
....ucucucggcuccucgcgg...................	72	0	GDM
....Acucucggcuccucgcgg...................	2	1	GDM
....ucucucggcuccucgcgg...................	72	0	GDM
....ucucucggcuccucgcgA...................	7	1	GDM
....ucucCcggcuccucgcgg...................	1	1	GDM
....ucucucggcuccucgcgA...................	7	1	GDM
....ucucucggcuccucgcgU...................	1	1	GDM
....ucucucggcuccucgcgA...................	7	1	GDM
....ucucucggcuccucgcgg...................	72	0	GDM
....ucucucggcuccucgcggc..................	71	0	GDM
....ucucucggcuccucgcggc..................	71	0	GDM
....ucucucggcCccucgcggc..................	1	1	GDM
....ucucucggcuccucgcggU..................	9	1	GDM
....ucucucggcuccucgcggU..................	9	1	GDM
....uUucucggcuccucgcggc..................	1	1	GDM
....ucucucggcuccucgcggc..................	71	0	GDM
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....ucucucggcuccCcgcggc..................	1	1	GDM
....ucucucggcuccucgcggU..................	9	1	GDM
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....ucucucggcuccucgcggA..................	10	1	GDM
....ucucucggcuccucgcggA..................	10	1	GDM
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....ucucucggcuccucgcgAcu.................	1	1	GDM
....ucucucggcuccucgcggcG.................	8	1	GDM
....ucucucggcuAcucgcggcu.................	1	1	GDM
....ucucucggcuccucgcggcu.................	842	0	GDM
....ucucucggcuccucgcggcu.................	842	0	GDM
....ucuUucggcuccucgcggcu.................	2	1	GDM
....ucucucggcuccucgcggUu.................	4	1	GDM
....ucucucggcAccucgcggcu.................	1	1	GDM
....ucucCcggcuccucgcggcu.................	5	1	GDM
....Acucucggcuccucgcggcu.................	1	1	GDM
....ucucucggcuccucgcggUu.................	4	1	GDM
....ucucucggcuccucgcgUcu.................	1	1	GDM
....ucucucggcuccCcgcggcu.................	2	1	GDM
....ucucucggcCccucgcggcu.................	4	1	GDM
....ucucucggcuccAcgcggcu.................	2	1	GDM
....ucucucggcuccucgcggAu.................	5	1	GDM
....ucucucggcuccucgcggcC.................	65	1	GDM
....ucucucggcuccucgcggcC.................	65	1	GDM
....ucucucggcuccucgGggcu.................	1	1	GDM
....ucucucggcCccucgcggcu.................	4	1	GDM
....ucucCcggcuccucgcggcu.................	5	1	GDM
....ucCcucggcuccucgcggcu.................	9	1	GDM
....ucucucgAcuccucgcggcu.................	1	1	GDM
....Ccucucggcuccucgcggcu.................	6	1	GDM
gacucugggacgcucagacgccgcggggcggggauuggucugugguccucucucggcuccCcgcggcu...ucucggcuccCcgcggcugcggcggccgacgguu	2	1	GDM
....ucucucUgcuccucgcggcu.................	2	1	GDM

gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu

```
.............................................................ucucucggcuccucAcggcu..............    2       1    GDM
.............................................................ucucucggcuccucgcggcA...............   41       1    GDM
.............................................................ucucucggcuccucAcggcu..............    2       1    GDM
.............................................................ucucucggcuccucgcggcC...............   65       1    GDM
.............................................................ucucucggcuccAcgcggcu..............    2       1    GDM
.............................................................ucucucggUuccucgcggcu..............    7       1    GDM
.............................................................ucucucggUuccucgcggcu..............    7       1    GDM
.............................................................ucucucggcuccucgcggcu..............  842       0    GDM
.............................................................ucucucggcuccucgcggcA...............   41       1    GDM
.............................................................ucCcucggcuccucgcggcu...............    9       1    GDM
.............................................................ucucCcggcuccucgcggcu...............    5       1    GDM
.............................................................ucucucggcCccucgcggcu...............    4       1    GDM
.............................................................ucucucggcuccucgcAgcu...............    1       1    GDM
.............................................................ucuUucggcuccucgcggcu...............    2       1    GDM
.............................................................Ccucucggcuccucgcggcu...............    6       1    GDM
.............................................................ucucucAgcuccucgcggcu...............    1       1    GDM
.............................................................ucucucggcuccucgcggUu...............    4       1    GDM
.............................................................ucucucggcuccucgcggAu...............    5       1    GDM
.............................................................ucCcucggcuccucgcggcu...............    9       1    GDM
.............................................................ucucucggcuccucgcggcG...............    8       1    GDM
.............................................................ucucucggcuccucgcggcA...............   41       1    GDM
.............................................................uUucucggcuccucgcggcu...............    1       1    GDM
.............................................................ucucucggcuccucgcggcuc..............  229       0    GDM
.............................................................ucucucggcuccucgUggcuc..............    1       1    GDM
.............................................................ucCcucggcuccucgcggcuc..............    1       1    GDM
.............................................................ucucucggcuccucgcggcuG..............    9       1    GDM
.............................................................ucucucggcuccucgcggcuA..............   34       1    GDM
.............................................................ucucucggcuccucgcggcuG..............    9       1    GDM
.............................................................ucucucggcuccCcgcggcuc..............    3       1    GDM
.............................................................ucucAcggcuccucgcggcuc..............    1       1    GDM
.............................................................ucucucggcuccucgcggcuU..............  118       1    GDM
.............................................................ucucucggcuccucgcggcuA..............   34       1    GDM
.............................................................ucucCcggcuccucgcggcuc..............    1       1    GDM
.............................................................ucucucggcuccucgcggcuc..............  229       0    GDM
.............................................................Acucucggcuccucgcggcuc..............    1       1    GDM
.............................................................ucucucAgcuccucgcggcuc..............    1       1    GDM
.............................................................ucucucggUuccucgcggcuc..............    1       1    GDM
.............................................................ucucucggcuccucgcAgcuc..............    1       1    GDM
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.............................................................ucucucggcuccucgcggcuU..............  118       1    GDM
.............................................................ucucucggcuccucgcggcuG..............    9       1    GDM
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.............................................................ucucucggcuccCcgcggcuc..............    3       1    GDM
.............................................................uAucucggcuccucgcggcuc..............    1       1    GDM
.............................................................ucucucggcuccucgcggcuc..............  229       0    GDM
.............................................................ucucucggcuccucgcggcuA..............   34       1    GDM
.............................................................ucucucggcuccucgcggcuU..............  118       1    GDM
.............................................................ucucucggcuccucgcggUuc.............    3       1    GDM
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.............................................................ucucucggcuccuAgcggcucg.............   10       1    GDM
.............................................................ucucucggcuccucgcggcucg............. 31114     0    GDM
.............................................................ucucucggcuccucgcggcAcg.............   27       1    GDM
.............................................................ucucucggcuccucUcggcucg.............   17       1    GDM
.............................................................Gcucucggcuccucgcggcucg.............    6       1    GDM
.............................................................ucucucggcuccucgcggcucA.............  2615      1    GDM
.............................................................ucucucggcCccucgcggcucg.............  129       1    GDM
.............................................................ucucucggcAccucgcggcucg.............   25       1    GDM
.............................................................ucucucggcuccucgcggUucg.............   50       1    GDM
.............................................................ucucucggcuccucgcggUucg.............   50       1    GDM
.............................................................ucucucggAuccucgcggcucg.............    6       1    GDM
.............................................................ucAcucggcuccucgcggcucg.............   28       1    GDM
.............................................................ucucucggcuccucgcAgcucg.............   54       1    GDM
.............................................................uUucucggcuccucgcggcucg.............   24       1    GDM
.............................................................ucucucggcuAcucgcggcucg.............    5       1    GDM
.............................................................ucucucggcuccucAcggcucg.............   50       1    GDM
.............................................................ucucucggcuGcucgcggcucg.............    2       1    GDM
.............................................................ucuAucggcuccucgcggcucg.............    7       1    GDM
.............................................................ucucucggcCccucgcggcucg.............  129       1    GDM
.............................................................ucucucggcuccCcgcggcucg.............  175       1    GDM
.............................................................ucucucAgcuccucgcggcucg.............   53       1    GDM
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hsa-miR-3615

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gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu
```

Sequence			
....ucucucgAcuccucgcggcucg...............	71	1	GDM
....ucucucggcuccAcgcggcucg...............	35	1	GDM
....uUucucggcuccucgcggcucg...............	24	1	GDM
....Gcucucggcuccucgcggcucg...............	6	1	GDM
....ucucucggGuccucgcggcucg...............	1	1	GDM
....ucucucggcuccucAcggcucg...............	50	1	GDM
....ucucucggcuccucgcCgcucg...............	8	1	GDM
....ucucuUggcuccucgcggcucg...............	59	1	GDM
....ucucucggcucUucgcggcucg...............	40	1	GDM
....ucucucUgcuccucgcggcucg...............	10	1	GDM
....ucucucggcuccuUgcggcucg...............	61	1	GDM
....ucucucggcuccucgcggcuGg...............	8	1	GDM
....ucucuAggcuccucgcggcucg...............	13	1	GDM
....ucucGcggcuccucgcggcucg...............	4	1	GDM
....ucucucggcuccucgcggcGcg...............	5	1	GDM
....ucucucgUcuccucgcggcucg...............	10	1	GDM
....ucAcucggcuccucgcggcucg...............	28	1	GDM
....ucucucggcuccucUcggcucg...............	17	1	GDM
....ucucucggcAccucgcggcucg...............	25	1	GDM
....Gcucucggcuccucgcggcucg...............	6	1	GDM
....ucucAcggcuccucgcggcucg...............	47	1	GDM
....ucucucggcucAucgcggcucg...............	7	1	GDM
....ucuGucggcuccucgcggcucg...............	1	1	GDM
....ucucucgCcuccucgcggcucg...............	7	1	GDM
....ucucucggcuccucCcggcucgU...............	13	1	GDM
....ucucucggcuccucgcUcucg...............	8	1	GDM
....ucucucggcuAcucgcggcucg...............	5	1	GDM
....ucucucggcuccucgcggcucA...............	2615	1	GDM
....ucucucggcuccAcgcggcucg...............	35	1	GDM
....ucuAucggcuccucgcggcucg...............	7	1	GDM
....ucucucgAcuccucgcggcucg...............	71	1	GDM
....ucucuAggcuccucgcggcucg...............	13	1	GDM
....ucucucggcuccucgcggcucC...............	305	1	GDM
....ucucucggcuccuAgcggcucg...............	10	1	GDM
....ucucCcggcuccucgcggcucg...............	149	1	GDM
....ucucucgCcuccucgcggcucg...............	7	1	GDM
....ucucucCgcuccucgcggcucg...............	3	1	GDM
....ucucucggcuccucgcggcuAg...............	12	1	GDM
....ucucucggcuccucgcgUcucg...............	8	1	GDM
....ucucucggcuAcucgcggcucg...............	5	1	GDM
....ucucuAggcuccucgcggcucg...............	13	1	GDM
....ucucucUgcuccucgcggcucg...............	10	1	GDM
....ucucucggcucUucgcggcucg...............	40	1	GDM
....ucucucggcuccucgUggcucg...............	60	1	GDM
....ucucucggcuccuUgcggcucg...............	61	1	GDM
....ucucucggUuccucgcggcucg...............	78	1	GDM
....ucucucggcuccucgcggcCcg...............	152	1	GDM
....ucucucggcuccucgcggUucg...............	50	1	GDM
....ucucucggcuccucgcggcuUg...............	57	1	GDM
....ucucucgAcuccucgcggcucg...............	71	1	GDM
....ucucucggcucGucgcggcucg...............	3	1	GDM
....ucucucggAuccucgcggcucg...............	6	1	GDM
....uUucucggcuccucgcggcucg...............	24	1	GDM
....ucucucggcuccuAgcggcucg...............	10	1	GDM
....ucucucggcuccucgcUgcucg...............	10	1	GDM
....ucucucggcuccucUcggcucg...............	17	1	GDM
....ucucucggcuccucgcggAucg...............	3	1	GDM
....ucucucggcuccucgcggcuUg...............	57	1	GDM
....ucucucggcuccucgcggcucA...............	2615	1	GDM
....uAucucggcuccucgcggcucg...............	20	1	GDM
....ucuUucggcuccucgcggcucg...............	26	1	GDM
....Acucucggcuccucgcggcucg...............	53	1	GDM
....ucucucAgcuccucgcggcucg...............	53	1	GDM
....ucucAcggcuccucgcggcucg...............	47	1	GDM
....ucucucggcGccucgcggcucg...............	7	1	GDM
....ucucucggcuccucgcggcuGg...............	8	1	GDM
....ucucucggcuUcucgcggcucg...............	36	1	GDM
....ucucucggcuccucgcggcucU...............	428	1	GDM
....ucucucggcuccucgcggcucC...............	305	1	GDM
....ucucucggcuccucgcggcucU...............	428	1	GDM

hsa-miR-3615

```
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....................................................ucucucggcuccuUgcggcucg..............  61      1    GDM
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....................................................ucGcucggcuccucgcggcucg..............  7       1    GDM
....................................................ucucucggcuccucgcggcCcg..............  152     1    GDM
....................................................ucGcucggcuccucgcggcucg..............  7       1    GDM
....................................................ucucucggUuccucgcggcucg..............  78      1    GDM
....................................................ucucucggcGccucgcggcucg..............  7       1    GDM
....................................................ucucucggcAccucgcggcucg..............  25      1    GDM
....................................................ucucucggAuccucgcggcucg..............  6       1    GDM
....................................................Ccucucggcuccucgcggcucg..............  232     1    GDM
....................................................ucucucggcuccucAcggcucg..............  50      1    GDM
....................................................ucAcucggcuccucgcggcucg..............  28      1    GDM
....................................................ucCcucggcuccucgcggcucg..............  172     1    GDM
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....................................................ucucucggcucUucgcggcucg..............  40      1    GDM
....................................................ucucCcggcuccucgcggcucg..............  149     1    GDM
....................................................ucucucggcuccucgcUgcucg..............  10      1    GDM
....................................................ucucuUggcuccucgcggcucg..............  59      1    GDM
....................................................ucucucggcuccucgcCgcucg..............  8       1    GDM
....................................................ucucucggcuccuGgcggcucg..............  3       1    GDM
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....................................................ucGcucggcuccucgcggcucg..............  7       1    GDM
....................................................ucuUucggcuccucgcggcucg..............  26      1    GDM
....................................................Acucucggcuccucgcggcucg..............  53      1    GDM
....................................................ucucucggcuccucgcCcucg..............  9       1    GDM
....................................................ucucucggcuccucgcggcGcg..............  5       1    GDM
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....................................................ucucucggcuccucgcAgcucg..............  54      1    GDM
....................................................ucucucggcuccucgcgAcucg..............  47      1    GDM
....................................................ucucucgCcuccucgcggcucg..............  7       1    GDM
....................................................ucucCcggcuccucgcggcucg..............  149     1    GDM
....................................................ucucucggcuccucgcggcucC..............  305     1    GDM
....................................................uAucucggcuccucgcggcucg..............  20      1    GDM
....................................................ucucucggcuccucgAggcucg..............  12      1    GDM
....................................................ucucucggcuccucgcggcuGg..............  8       1    GDM
....................................................ucucucggcuccucgcgCcucg..............  9       1    GDM
....................................................ucucucggcuccucgUggcucg..............  60      1    GDM
....................................................ucucucggcGccucgcggcucg..............  7       1    GDM
....................................................ucucucggcuccucgcggcCcg..............  152     1    GDM
....................................................ucucucggcucAucgcggcucg..............  7       1    GDM
....................................................ucucucggcuccucgcgUcucg..............  8       1    GDM
....................................................ucucucggcuccucgcggcuUg..............  57      1    GDM
....................................................ucucucggcuccucgcgCcucg..............  9       1    GDM
....................................................ucucAcggcuccucgcggcucg..............  47      1    GDM
....................................................Ccucucggcuccucgcggcucg..............  232     1    GDM
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....................................................ucucucggcuccucgAggcucg..............  12      1    GDM
....................................................ucucucggcuccCcgcggcucg..............  175     1    GDM
....................................................ucucucggcuccucgcggAucg..............  3       1    GDM
....................................................ucucucggcuUcucgcggcucg..............  36      1    GDM
....................................................ucucucUgcuccucgcggcucg..............  10      1    GDM
....................................................ucucucggcuccuGgcggcucg..............  3       1    GDM
....................................................ucucucggcuccucgcggcuAg..............  12      1    GDM
....................................................ucucucggcCccucgcggcucg..............  129     1    GDM
....................................................ucucucggcuccucgcCgcucg..............  8       1    GDM
....................................................ucCcucggcuccucgcggcucg..............  172     1    GDM
....................................................Acucucggcuccucgcggcucg..............  53      1    GDM
....................................................uAucucggcuccucgcggcucg..............  20      1    GDM
....................................................ucucucggcuccucgcggcAcg..............  27      1    GDM
....................................................ucucGcggcuccucgcggcucg..............  4       1    GDM
....................................................ucucucggcuccucgcAgcucg..............  54      1    GDM
....................................................ucuUucggcuccucgcggcucg..............  26      1    GDM
....................................................ucucucggcuccucgcggcucU..............  428     1    GDM
....................................................ucucucggcuccucgcgAcucg..............  47      1    GDM
....................................................ucucucggcucGucgcggcucg..............  3       1    GDM
....................................................ucucucggcuccAcgcggcucg..............  35      1    GDM
gacucugggacgcucagacgccgcgcggggcggggauuggucugguggucc ucucucggcuccucgcgAcucg..............  47      1    GDM
....................................................ucucucAgcuccucgcggcucg..............  53      1    GDM
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hsa-miR-3615

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gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu
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Sequence	Count	Mismatch	Type
....ucucucggcuccucgGggcucg...............	6	1	GDM
....ucucucggUuccucgcggcucg...............	78	1	GDM
....ucucucggcuccucgcggGucg...............	1	1	GDM
....ucucucggcuccucgcggcuAg...............	12	1	GDM
....ucucucggcuccucCcggcucg...............	13	1	GDM
....ucucucggcuccCcgcggcucg...............	175	1	GDM
....ucCcucggcuccucgcggcucg...............	172	1	GDM
....ucucucCgcuccucgcggcucg...............	3	1	GDM
....ucucucggcuccucgcggcAcg...............	27	1	GDM
....ucucucgUcuccucgcggcucg...............	10	1	GDM
....ucucucggcuccucgAggcucg...............	12	1	GDM
....ucuAucggcuccucgcggcucg...............	7	1	GDM
....Ccucucggcuccucgcggcucg...............	232	1	GDM
....ucucucggcuccucgcggcucg...............	31114	0	GDM
....ucucucggcuccucgcUgcucg...............	10	1	GDM
....ucucuUggcuccucgcggcucg...............	59	1	GDM
....ucucucggcuccucgcggcucgA..............	26	1	GDM
....ucucucggcuccucgcggcucgU..............	289	1	GDM
....ucucucggcuccucgcggcucgU..............	289	1	GDM
....ucucucggcuccucgcggcucgc..............	40	0	GDM
....ucucucggcuccuUgcggcucgc..............	1	1	GDM
....ucucucggcuccucgcggcucgG..............	24	1	GDM
....uUucucggcuccucgcggcucgc..............	1	1	GDM
....ucucucggcuccucgcggcucgA..............	26	1	GDM
....ucucucggcuccucgcggcucgG..............	24	1	GDM
....ucucCcggcuccucgcggcucgc..............	1	1	GDM
....ucucucggcuccucgcggcucgA..............	26	1	GDM
....ucucucggcuccucgcggcucgG..............	24	1	GDM
....ucucucggcuccucgcggcucgc..............	40	0	GDM
....ucucucggcuccucgcggcucgc..............	40	0	GDM
....ucucucggcuccucgcggcucgU..............	289	1	GDM
....ucucucggcuccucgcggcucAcg.............	1	1	GDM
....ucucucggcuccucgcggcucgcA.............	49	1	GDM
....ucucucggcuccucgcggcucgAg.............	2	1	GDM
....ucucucggcuccucgcggcucgcC.............	11	1	GDM
....ucucucggcuccucgcggcucgUg.............	61	1	GDM
....ucucucggcuccucgcggcucgcU.............	68	1	GDM
....ucucucggcuccucgcggcucgcU.............	68	1	GDM
....ucucucggcuccucgcggcucgcA.............	49	1	GDM
....ucucucggcuccCcgcggcucgcg.............	1	1	GDM
....ucucuUggcuccucgcggcucgcg.............	3	1	GDM
....ucucucggcuccucgcggcucgcC.............	11	1	GDM
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....ucucucggcuccucgcggcucgcg.............	303	0	GDM
....ucucucggcuccucgcggcucgcU.............	68	1	GDM
....ucucucggcuccucgcggcucgAg.............	2	1	GDM
....ucucucggcuccucgcggcucgcA.............	49	1	GDM
....ucucucggcuccucgcgAcucgcg.............	2	1	GDM
....Gcucucggcuccucgcggcucgcg.............	1	1	GDM
....ucucCcggcuccucgcggcucgcg.............	1	1	GDM
....ucucucggcuccucgcggcucgcg.............	303	0	GDM
....ucucucggcuccucgcggcucgGg.............	4	1	GDM
....ucucucggcuccucgcggcucgcg.............	303	0	GDM
....ucucucggcuccucgcggcucgUg.............	61	1	GDM
....ucuUucggcuccucgcggcucgcg.............	1	1	GDM
....ucCcucggcuccucgcggcucgcg.............	1	1	GDM
....ucucucggcuccucgcggcucgUg.............	61	1	GDM
....ucucucggcuccucgcggcucgcgA............	1	1	GDM
....ucucucggcuccucgcggcucgcAg............	2	1	GDM
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....ucucucggcuccucgcggcucgcAg............	2	1	GDM
....ucucucggcuccucgcggcucgcgg............	4	0	GDM
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....ucucucggcuccucgcggcucgcggU...........	1	1	GDM
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....cucucggcuccucgcggcuUg............	3	1	GDM
....cucucggcuccucgcggcucA............	1	1	GDM
gacucugggacgcucagacgccgcgcggggcggggauuggucuguggucc.ucucggcuccCcgcggcu...........gcccgacgguu	1	1	GDM
....ucucggcuccucgcggcucg...............	25	0	GDM

gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu

Sequence	Count	Mis	Group
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....ucucggcuccucgcggcucA...............	2	1	GDM
....ucucggcuccCcgcggcucg...............	1	1	GDM
....ucucggcuccucgcggcucg...............	25	0	GDM
....ucucggcuccucgcggcucgcg.............	12	0	GDM
....ucucggcuccucgcggcucgcg.............	12	0	GDM
....ucucggcuccucgcggcucgcA.............	4	1	GDM
....ucucggcuccucgcggcucgcA.............	4	1	GDM
....ucucggcAccucgcggcucgcg.............	1	1	GDM
....ucucggcuccucgcggcucgcg.............	12	0	GDM
....ucucggcuccucgcggcucgcgUc...........	1	1	GDM
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....ucucucggcuccucgcgA..................	4	1	Z1_
....ucucucggcuccucgcgg..................	63	0	Z1_
....ucucucggcuccucgcgU..................	3	1	Z1_
....Acucggcuccucgcgg..................	2	1	Z1_
....ucAcucggcuccucgcggc.................	1	1	Z1_
....ucucucggcuccucgcAgc.................	1	1	Z1_
....ucucucggcuccucgcggU.................	6	1	Z1_
....ucucucggcuccucgcggc.................	60	0	Z1_
....ucucucggcuccucgcggA.................	9	1	Z1_
....ucucucggcuccCcgcggcu................	1	1	Z1_
....ucucucggcuccucgcggcA................	24	1	Z1_
....ucucucgAcuccucgcggcu................	2	1	Z1_
....ucucucggcuccucgcggcu................	515	0	Z1_
....ucucucggcuccucgcggUu................	9	1	Z1_
....ucucucUgcuccucgcggcu................	1	1	Z1_
....ucucCcggcuccucgcggcu................	4	1	Z1_
....ucucAcggcuccucgcggcu................	1	1	Z1_
....Ccucucggcuccucgcggcu................	6	1	Z1_
....ucucucggcuccucgcgAcu................	3	1	Z1_
....ucucucggcuccucgcggcG................	9	1	Z1_
....ucucucggUuccucgcggcu................	5	1	Z1_
....ucucucggcuccucgcggcC................	50	1	Z1_
....Acucucggcuccucgcggcu................	1	1	Z1_
....ucucucggcCccucgcggcu................	4	1	Z1_
....ucCcucggcuccucgcggcu................	5	1	Z1_
....ucucucggcuccucgcggAu................	1	1	Z1_
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....ucucucggcuccucAcggcu................	1	1	Z1_
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....ucucucggcuccucgcggcuG...............	4	1	Z1_
....ucucucggcuccucgcgAcuc...............	1	1	Z1_
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....ucucucggcuccucgcAgcuc...............	2	1	Z1_
....ucucucggcuccCcgcggcuc...............	1	1	Z1_
....ucucucggcucGucgcggcucg..............	4	1	Z1_
....ucucucggcuccucgcggGucg..............	1	1	Z1_
....ucucucggcuccucgcggcCcg..............	124	1	Z1_
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....ucuUucggcuccucgcggcucg..............	24	1	Z1_
....ucucucggcuccucgcUgcucg..............	6	1	Z1_
....ucAcucggcuccucgcggcucg..............	15	1	Z1_
....ucucGcggcuccucgcggcucg..............	6	1	Z1_
....ucucuUggcuccucgcggcucg..............	71	1	Z1_
....ucucucggcuccucgcggUucg..............	61	1	Z1_
....ucucuAggcuccucgcggcucg..............	5	1	Z1_
....ucucucggcuccucgcggcucU..............	257	1	Z1_
gacucugggacgcucagacgccgcgcggggcggggauuggucuguggucucucucggcuccuGgcggcucg............	4	1	Z1_
....uGucucggcuccucgcggcucg..............	5	1	Z1_

```
gacucugggacgcucagacgccgcgcggggcggggauuggucugugguccucucucggcuccucgcggcucgcggcggccgacgguu
..............................................ucucucggAuccucgcggcucg............... 5      1    Z1_
..............................................ucucucggcuAcucgcggcucg............... 2      1    Z1_
..............................................ucucucggcuccucgcggcAcg............... 10     1    Z1_
..............................................Gcucucggcuccucgcggcucg............... 15     1    Z1_
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