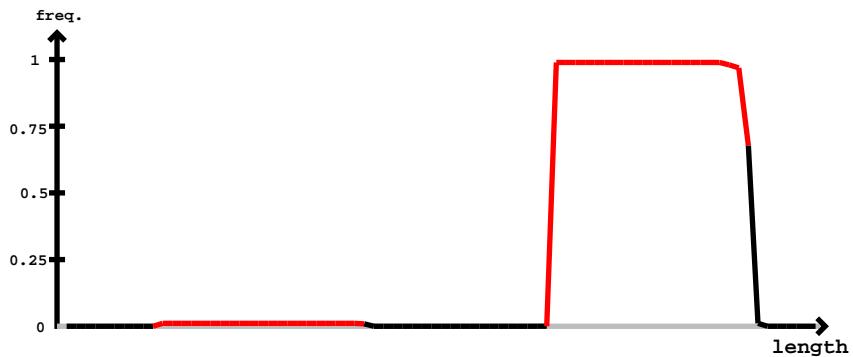


```
miRBase precursor      : hsa-mir-27a
Total read count       : 14645
hsa-miR-27a-5p read count : 161
hsa-miR-27a-3p read count : 14484
remaining reads        : 0
```



hsa-miR-27a-3p				
5'-		-3'	exp	
cugaggagg	agggcuuagcugcuuugugagcaggguccacaccaagucug <u>uucacaguggcuaaguucccgccccca</u> g			
((((.....(((((((((.((((((.(((((.(.((.....)).))))))).))))))).))).)))		reads	mm	sample
.....agggcuuagcugcuuugugagc.....		12	0	Z1_-
.....agggcuuagc <u>Cgc</u> cuuugugagc.....		1	1	Z1_-
.....Ggggcuuagcugcuuugugagca.....		3	1	Z1_-
.....aggc <u>Cuag</u> cuuugugagca.....		2	1	Z1_-
.....aggc <u>uuag</u> cugc <u>Cug</u> ugagca.....		1	1	Z1_-
.....agg <u>Uuu</u> agcugcuuugugagca.....		1	1	Z1_-
.....aggc <u>uuag</u> cugc <u>Aug</u> ugagca.....		1	1	Z1_-
.....aggc <u>uuag</u> cugcuuugugagca.....		43	0	Z1_-
.....u <u>guucacaguggcuaaguuccg</u> .....		1	0	Z1_-
.....guucacaguggcuaagu <u>cUgc</u> .....		1	1	Z1_-
.....u <u>ucacaguggcuaaguU</u> .....		1	1	Z1_-
.....u <u>ucacaguggcuaaguuc</u> .....		15	0	Z1_-
.....u <u>ucacaguggcuaaguu4</u> .....		1	1	Z1_-
.....Gu <u>acaguggcuaaguuc</u> .....		1	1	Z1_-
.....u <u>ucacaguggcuaaguucA</u> .....		5	1	Z1_-
.....u <u>ucacaguggcuaaguucc</u> .....		24	0	Z1_-
.....u <u>ucacGguggcuaaguucc</u> .....		1	1	Z1_-
.....u <u>ucacaguggcuaaguucG</u> .....		1	1	Z1_-
.....uu <u>caGaguggcuaaguuccg</u> .....		1	1	Z1_-
.....u <u>ucacaguggcAaaguuccg</u> .....		1	1	Z1_-
.....u <u>ucacGguggcuaaguuccg</u> .....		7	1	Z1_-
.....Au <u>acaguggcuaaguuccg</u> .....		1	1	Z1_-
.....u <u>ucacaguggcuaaguucGg</u> .....		1	1	Z1_-
.....u <u>ucacaguggcuaaguuccU</u> .....		5	1	Z1_-
.....u <u>ucGcaguggcuaaguuccg</u> .....		5	1	Z1_-
.....u <u>ucacaguggcuaaguCccg</u> .....		1	1	Z1_-
.....u <u>Acacaguggcuaaguuccg</u> .....		1	1	Z1_-
.....Gu <u>cacaguggcuaaguuccg</u> .....		1	1	Z1_-
.....Cu <u>cacaguggcuaaguuccg</u> .....		7	1	Z1_-
.....u <u>ucacaguhgcuuaguuccg</u> .....		4	1	Z1_-
.....u <u>ucacagCggcuaaguuccg</u> .....		3	1	Z1_-
.....u <u>ucacaguggcuaaguuccg</u> .....		917	0	Z1_-
.....u <u>ucacaguggUuaaguuccg</u> .....		2	1	Z1_-
.....u <u>ucacaguggcGaguuccg</u> .....		9	1	Z1_-

## hsa-miR-27a-3p

hsa-miR-27a-5p

cugaggagc~~agggcuuu~~agggcuuuag~~cug~~cuguugugag~~ca~~caggguccacaccaag~~uc~~ucgugguuacag~~gg~~gguggcuuaaguccgcccc~~ca~~cag

.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>Cuccg</u> .....	3	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> G <u>guuccg</u> .....	2	1	Z1_
.....u <u>Ccacag</u> ugg <u>gcua</u> ag <u>guuccg</u> .....	13	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccA</u> .....	74	1	Z1_
.....uu <u>ucacag</u> ug <u>Acua</u> ag <u>guuccg</u> .....	3	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccC</u> .....	3	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guAccg</u> .....	1	1	Z1_
.....uu <u>ucaca</u> A <u>ugg</u> u <u>caag</u> u <u>uccg</u> .....	1	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccgc</u> .....	20	0	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccG</u> .....	26	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcu</u> G <u>a</u> gu <u>uccg</u> .....	1	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccgA</u> .....	2608	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccgU</u> .....	191	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcu</u> G <u>agu</u> u <u>ccgc</u> .....	1	1	Z1_
.....uu <u>cGcag</u> ugg <u>gcua</u> ag <u>guuccgc</u> .....	1	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guu</u> u <u>Ugcc</u> .....	11	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccgAc</u> .....	20	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccgcA</u> .....	5	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccgC</u> .....	10	1	Z1_
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>guuccgU</u> .....	8	1	Z1_
.....G <u>gggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	1	1	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	10	0	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	10	0	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	10	0	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagcU</u> .....	1	1	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	1	1	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	1	1	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	1	1	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	47	0	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	47	0	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	47	0	GDM
.....a <u>Cggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	1	1	GDM
.....G <u>gggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagc</u> .....	2	1	GDM
.....agg <u>ggcuu</u> u <u>agc</u> u <u>gc</u> u <u>ugugagcC</u> .....	2	1	GDM
.....agg <u>ggcuu</u> G <u>gc</u> u <u>gc</u> u <u>ugugagc</u> .....	2	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> .....	1	0	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> A.....	5	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> U.....	9	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> U.....	9	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uc.....	62	0	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uc.....	62	0	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uc.....	62	0	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uA.....	5	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uA.....	5	1	GDM
.....u <u>Ccacag</u> ugg <u>gcua</u> ag <u>uu</u> uc.....	2	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> U.....	9	1	GDM
.....uu <u>ucac</u> G <u>gg</u> u <u>gcua</u> ag <u>uu</u> ucc.....	1	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> ucc.....	56	0	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uA.....	22	1	GDM
.....uu <u>ucac</u> Ag <u>gg</u> u <u>gcua</u> ag <u>uu</u> ucc.....	1	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uG.....	5	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uG.....	56	0	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uA.....	22	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uA.....	56	0	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uA.....	22	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uA.....	1	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uCc.....	1	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uCc.....	5	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> ag <u>uu</u> uG.....	5	1	GDM
.....uu <u>ucaca</u> A <u>ugg</u> u <u>caag</u> u <u>uccg</u> .....	4	1	GDM
.....uu <u>ucac</u> U <u>gg</u> u <u>gcua</u> ag <u>uu</u> uccg.....	1	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> Ag <u>uu</u> uccg.....	5	1	GDM
.....uu <u>ucac</u> G <u>gg</u> u <u>gcua</u> ag <u>uu</u> uccg.....	11	1	GDM
.....uu <u>ucacag</u> Ag <u>gg</u> u <u>gcua</u> ag <u>uu</u> uccg.....	10	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> gu <u>CCcg</u> .....	5	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> A <u>uu</u> uccg.....	5	1	GDM
.....uu <u>ucac</u> A <u>agg</u> u <u>gcua</u> ag <u>uu</u> uccg.....	1	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> Ag <u>uu</u> uccg.....	12	1	GDM
.....uu <u>ucac</u> G <u>gg</u> u <u>gcua</u> ag <u>uu</u> uccg.....	11	1	GDM
.....uu <u>ucacag</u> ugg <u>gcua</u> Ag <u>uu</u> Ac <u>g</u> .....	2	1	GDM
.....uu <u>ucacag</u> ugg <u>gcu</u> G <u>agu</u> u <u>uccg</u> .....	4	1	GDM

## hsa-miR-27a-3p

hsa-miR-27a-5p

cugaggagc~~agggcuu~~ag~~cugcuu~~ug~~ugug~~ag~~gagg~~ucccaccca~~aguc~~c~~gu~~u~~uu~~uacagggggcuaagucccgccccccag

.....uu <u>acag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	11	1	GDM
.....uu <u>acag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	1855	0	GDM
.....uu <u>acag</u> gg <u>ggcu</u> a <u>U</u> gu <u>cc</u> .....	5	1	GDM
.....uu <u>acag</u> C <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	10	1	GDM
.....C <u>ucacag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	8	1	GDM
.....uu <u>acag</u> gg <u>ggcu</u> a <u>U</u> u <u>cc</u> .....	2	1	GDM
.....uu <u>acac</u> C <u>gggc</u> ua <u>agu</u> cc <u>cg</u> .....	1	1	GDM
.....uu <u>uc</u> C <u>ca<u>gg</u>gg<u>ggcu</u>a<u>agu</u>cc<u>cg</u>.....</u>	1	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>Ac</u> .....	2	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>U</u> cg.....	5	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	1855	0	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	11	1	GDM
.....Gu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	1	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>gu</u> G <u>agu</u> cc <u>cg</u> .....	4	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>gg</u> C <u>a</u> gu <u>cc</u> .....	4	1	GDM
.....Au <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	3	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>U</u> gu <u>cc</u> .....	5	1	GDM
.....C <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	8	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>U</u> gu <u>cc</u> .....	5	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>A</u> g.....	1	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>U</u> cg.....	5	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>C</u> .....	12	1	GDM
.....uu <u>ucac</u> agu <u>A</u> gu <u>cc</u> .....	3	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>U</u> ua <u>gu</u> cc <u>cg</u> .....	4	1	GDM
.....uu <u>uc</u> U <u>cag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	3	1	GDM
.....C <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	8	1	GDM
.....uu <u>ucac</u> ag <u>Ag</u> gu <u>cc</u> .....	1	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>gg</u> C <u>u</u> cc <u>cg</u> .....	16	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>ag</u> C <u>ucc</u> .....	16	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>C</u> .....	12	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>gg</u> C <u>a</u> gu <u>cc</u> .....	1	1	GDM
.....uu <u>aa</u> Ac <u>acag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	1	1	GDM
.....uu <u>ucac</u> agu <u>A</u> gu <u>cc</u> .....	3	1	GDM
.....uu <u>ucac</u> ac <u>G</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	11	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	1855	0	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	1	1	GDM
.....uA <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	4	1	GDM
.....uu <u>U</u> ac <u>acag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	1	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>gg</u> C <u>a</u> gu <u>cc</u> .....	4	1	GDM
.....uCc <u>acac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	12	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>U</u> cc <u>cg</u> .....	4	1	GDM
.....uu <u>ucac</u> agu <u>A</u> gu <u>cc</u> .....	3	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	11	1	GDM
.....Au <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	3	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>A</u> cc <u>cg</u> .....	1	1	GDM
.....uu <u>uc</u> U <u>cag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	3	1	GDM
.....uCc <u>acac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	12	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>A</u> .....	120	1	GDM
.....uu <u>ucac</u> ag <u>Ag</u> gu <u>cc</u> .....	10	1	GDM
.....uCc <u>acac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	12	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>A</u> .....	120	1	GDM
.....uu <u>uc</u> G <u>cag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	11	1	GDM
.....uu <u>u</u> u <u>ca</u> G <u>ag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	1	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> G <u>agu</u> cc <u>cg</u> .....	4	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	1	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>gg</u> C <u>a</u> gu <u>cc</u> .....	4	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	7	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	5	1	GDM
.....uu <u>ucaca</u> A <u>ugg</u> gu <u>cc</u> .....	4	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>A</u> .....	120	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>U</u> cc <u>cg</u> .....	7	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>G</u> .....	23	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>U</u> cg.....	5	1	GDM
.....uu <u>uc</u> G <u>cag</u> gg <u>ggcu</u> a <u>agu</u> cc <u>cg</u> .....	11	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> u <u>U</u> cc <u>cg</u> .....	2	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	3	1	GDM
.....uu <u>ucac</u> ag <u>gg</u> gg <u>ggcu</u> a <u>agu</u> cc <u>U</u> .....	2	1	GDM

## hsa-miR-27a-3p

hsa-miR-27a-5p

cugaggagc~~agggcuu~~ag~~cugcuu~~gugag~~agg~~uccacacca~~agu~~c~~gu~~uucacaguggcuaaguucccgcccccag

.....uu <u>ucacaguggcuaaguucccgU</u> .....	357	1	GDM
.....C <u>ucacaguggcuaaguuccgc</u> .....	2	1	GDM
.....uu <u>ucacaguggcuaaguuccgA</u> .....	3958	1	GDM
.....uu <u>ucacaguggUuaaguuccgc</u> .....	2	1	GDM
.....uu <u>ucacaguggcuaaguuccgU</u> .....	357	1	GDM
.....uu <u>ucacaguggcuaaguuccG</u> .....	41	1	GDM
.....uu <u>ucacaguggcuaaguuccgc</u> .....	41	0	GDM
.....uu <u>ucacaguggCcaga<u>guuccgc</u></u> .....	1	1	GDM
.....uu <u>ucacaguggcuaaguuccG</u> .....	41	1	GDM
.....uu <u>ucacaguggcuaaguuccgU</u> .....	357	1	GDM
.....uu <u>ucGcaguggcuaaguuccgc</u> .....	3	1	GDM
.....uu <u>ucGcaguggcuaaguuccgc</u> .....	3	1	GDM
.....uu <u>ucacaguggcuaaguuccUc</u> .....	2	1	GDM
.....uu <u>ucacaguggcuaaguuccgA</u> .....	3958	1	GDM
.....uu <u>ucacaguggcuaaguuccgc</u> .....	41	0	GDM
.....uu <u>ucacaguggcuaaguuccG</u> .....	41	1	GDM
.....C <u>ucacaguggcuaaguuccgc</u> .....	2	1	GDM
.....uu <u>ucacaguggcuaaguuccgc</u> .....	41	0	GDM
.....uu <u>ucacaguggcuaaguuccgA</u> .....	3958	1	GDM
.....uu <u>ucacaguggcuaaguuccgc</u> .....	22	1	GDM
.....uu <u>ucacaguggcuaaguuccgU</u> .....	15	1	GDM
.....uu <u>ucacaguggcuaaguuccgAc</u> .....	22	1	GDM
.....uu <u>ucacaguggcuaaguuccgUc</u> .....	12	1	GDM
.....uu <u>ucacaguggcuaaguuccUgcc</u> .....	9	1	GDM
.....uu <u>ucacaguggcuaaguuccgUc</u> .....	12	1	GDM
.....uu <u>ucacaguggcuaaguuccgAc</u> .....	22	1	GDM
.....uu <u>ucacaguggcuaaguuccUgcc</u> .....	9	1	GDM
.....uu <u>ucacaguggcuaaguuccgc</u> .....	3	0	GDM
.....uu <u>ucacaguggcuaaguuccgUc</u> .....	12	1	GDM
.....uu <u>ucacaguggcuaaguuccgU</u> .....	15	1	GDM
.....uu <u>ucacaguggcuaaguuccUgcc</u> .....	9	1	GDM
.....uu <u>ucacaguggcuaaguuccgU</u> .....	15	1	GDM
.....aggg <u>cuu</u> ag <u>cg</u> cuu <u>ug</u> u <u>gag</u> .....	3	0	Z2_
.....G <u>ggg</u> cuu <u>ag</u> cg <u>cuu</u> u <u>gug</u> ag <del>g</del> .....	1	1	Z2_
.....aggg <u>cuu</u> ag <u>cg</u> cuu <u>ug</u> u <u>gag</u> U.....	1	1	Z2_
.....aggg <u>cuu</u> ag <u>cg</u> cuu <u>ug</u> u <u>gag</u> ca.....	16	0	Z2_
.....u <u>A</u> cacaguggcuaaguuc.....	1	1	Z2_
.....uu <u>ucacaguggcuaaguuc</u> .....	26	0	Z2_
.....uu <u>ucacaguggcuaaguucG</u> .....	1	1	Z2_
.....uu <u>ucacaguggcuaag</u> Cucc.....	1	1	Z2_
.....uu <u>ucacaguggcuaaguucc</u> .....	23	0	Z2_
.....uu <u>ucacaguggcuaaguucA</u> .....	13	1	Z2_
.....uu <u>ucacaguggcuaaguuccU</u> .....	3	1	Z2_
.....uu <u>ucacaguggcuaaguucccg</u> .....	2	1	Z2_
.....uu <u>ucacaguggcuaaguuccg</u> .....	698	0	Z2_
.....uu <u>uUacaguggcuaaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacaguggcuaaguuccA</u> .....	40	1	Z2_
.....uu <u>ucacaAuggcuaaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacGguggcuaaguuccg</u> .....	3	1	Z2_
.....uu <u>ucGcaguggcuaaguuccg</u> .....	2	1	Z2_
.....C <u>ucacaguggcuaaguuccg</u> .....	4	1	Z2_
.....u <u>C</u> cacaguggcuaaguuccg.....	5	1	Z2_
.....uu <u>caAaggcuaaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacaguggcuaUguuccg</u> .....	1	1	Z2_
.....u <u>A</u> cacaguggcuaaguuccg.....	1	1	Z2_
.....uu <u>ucacagugAcuaaguuccg</u> .....	4	1	Z2_
.....u <u>G</u> ucacaguggcuaaguuccg.....	1	1	Z2_
.....uu <u>ucacaguggcuaaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacaguggcuaGaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacagaggGggcuaaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacagaguUgcuuaaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacaguggUuaaguuccg</u> .....	1	1	Z2_
.....uu <u>ucacaguggcuaagCuccg</u> .....	3	1	Z2_
.....uu <u>ucacagCggcuaaguuccg</u> .....	5	1	Z2_
.....uu <u>ucUcaguggcuaaguuccg</u> .....	2	1	Z2_
.....uu <u>ucacaguggcuaaguCccg</u> .....	2	1	Z2_
.....uu <u>ucacaguggcuaaguuccC</u> .....	1	1	Z2_
.....uu <u>ucacaguggcuaaguGccg</u> .....	1	1	Z2_
.....uu <u>ucacaguggcuaaguuccgU</u> .....	94	1	Z2_

hsa-miR-27a-3p

hsa-miR-27a-5p

cugaggaggcaggggcuuagcugcuugugagcaggguccacaccaagacugcuguuucacaguggcuaaguuccgcgggggggg

.....uucacaguggcuaaguuccgA.....	1504	1	z2_
.....uucacaguggcuaaguuccgC.....	14	0	z2_
.....uucacaguggcuaaguuccgG.....	15	1	z2_
.....uuUacaguggcuaaguuccgC.....	1	1	z2_
.....uCcacaguggcuaaguuccgC.....	1	1	z2_
.....uucacaguggcuaaguuccgAc.....	7	1	z2_
.....uucacaguggcuaaguuccgC.....	16	1	z2_
.....uucacaguggcuaaguuccUgccc.....	3	1	z2_
.....uucacaguggcuaaguuccUgc.....	4	1	z2_
.....uucacaguggcuaaguuccgA.....	3	1	z2_
 .....aggccuuagcugcucuugagcG.....	2	1	z3_
.....aggccuuagcugcucuugagca.....	5	0	z3_
.....aggccuuagcCgcuuugugagca.....	1	1	z3_
.....guuucacaguggcuaaguu.....	1	0	z3_
.....guuucacaguggcuaaguuccUgccc.....	1	1	z3_
.....uucacaguggcuaaguuc.....	6	0	z3_
.....uucacaguggcuaaguUcc.....	1	1	z3_
.....Gucacaguggcuaaguuc.....	1	1	z3_
.....uucacGggggcuaaguUcc.....	1	1	z3_
.....uucacaguggcuaaguUcA.....	5	1	z3_
.....uucacaguggcuaaguUcc.....	5	0	z3_
.....uucacaguggcuaaguUccA.....	20	1	z3_
.....uucacaguggcuaagCuccg.....	2	1	z3_
.....uucacaguggcuaUaguUccg.....	1	1	z3_
.....uucacaguggcuaaguUccU.....	2	1	z3_
.....uucUcaguggcuaaguUccg.....	1	1	z3_
.....uAcacaguggcuaaguUccg.....	2	1	z3_
.....uucGcaguggcuaaguUccg.....	1	1	z3_
.....uucacaguggcuaaguUccC.....	2	1	z3_
.....uucacaguggcuaaguUccg.....	3	1	z3_
.....uucacaguggcuaGaguUccg.....	1	1	z3_
.....uucacaguggcuaaguUccg.....	218	0	z3_
.....CucacaguggcuaaguUccg.....	1	1	z3_
.....uucacaguggcuaaguUccgA.....	780	1	z3_
.....uucacaguggcuaaguUccgG.....	7	1	z3_
.....uucacaguggcuaaguUccgU.....	74	1	z3_
.....uucacaguggcuaaguUccgC.....	7	0	z3_
.....uucacaguggcuaaguUccgC.....	1	1	z3_
.....uucacaguggcuaaguUccgUc.....	2	1	z3_
.....uucacaguggcuaaguUccgUgccc.....	1	1	z3_
.....uucacaguggcuaaguUccgU.....	2	1	z3_
.....uucacaguggcuaaguUccgAC.....	5	1	z3_