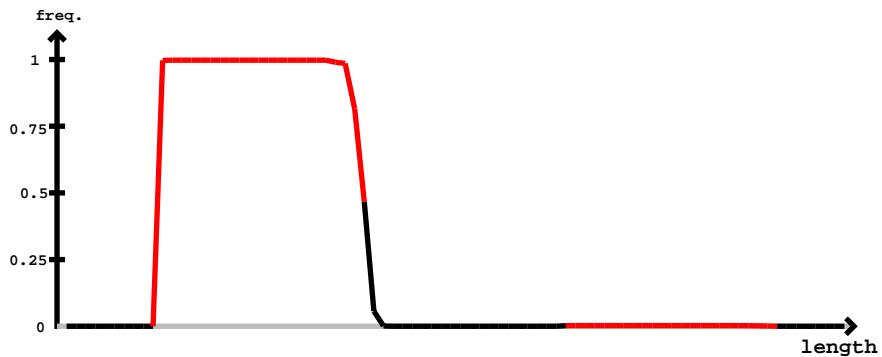
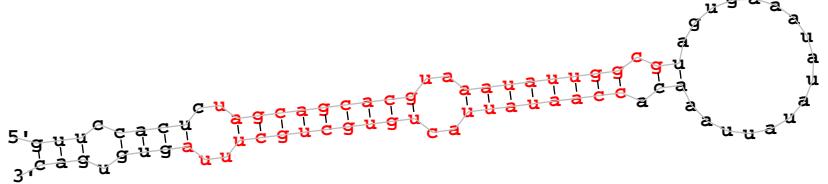


```
miRBase precursor      : hsa-mir-16-2
Total read count       : 44853
hsa-miR-16-5p read count : 44742
hsa-miR-16-2-3p read count: 111
remaining reads        : 0
```



5' -	hsa-miR-16-5p	hsa-miR-16-2-3p	-3'	exp	sample
			reads	mm	
guuccacuc <u>uagcagcacguaaaaauuggcg</u> uagugaaaaauauuuuaca	ccaaauuuacugugcugcuuuagugac	((((.(((((((((..((((((.((.....))))))))....))))....))))....)))	1	0	Z3_-
.....ucuagcagcacguaaaaauuggcg	19	0	Z3_-
.....uagcagcacguaaaaauuu	2	1	Z3_-
.....uagcagcacguaaaaauuC	1	1	Z3_-
.....uagcUgcacguaaaaauuu	1	1	Z3_-
.....uagcagcac <u>Caaaaauuu</u>	1	1	Z3_-
.....Aagcagcacguaaaaauug	1	1	Z3_-
.....uagcagcacguaaaaauuuA	2	1	Z3_-
.....uagcagcacguaaaaauuuug	14	0	Z3_-
.....uagcagcacguaaaaauuu <u>g</u>	1	1	Z3_-
.....uagcagcGcgaaaaauugg	6	1	Z3_-
.....uagcGgcacguaaaaauugg	3	1	Z3_-
.....Aagcagcacguaaaaauugg	3	1	Z3_-
.....uGcagcacguaaaaauugg	3	1	Z3_-
.....uagcUgcacguaaaaauugg	1	1	Z3_-
.....Cagcagcacguaaaaauugg	3	1	Z3_-
.....uagcagcacguaaa <u>Guugg</u>	1	1	Z3_-
.....uagcagcacguaaaa <u>Cugg</u>	2	1	Z3_-
.....uagcagcac <u>Aaaaaauuugg</u>	2	1	Z3_-
.....uagcagcac <u>Guauuugg</u>	2	1	Z3_-
.....uagcagcac <u>Agaaaaauugg</u>	1	1	Z3_-
.....uag <u>Ugcacguaaaaauugg</u>	4	1	Z3_-
.....uagcagcac <u>guaaaaauu<u>uug</u></u>	6	1	Z3_-
.....uagcagcacguaaaaauuu <u>Ag</u>	5	1	Z3_-
.....uagcagcac <u>Guauuugg</u>	2	1	Z3_-
.....uag <u>caAcacguaaaaauugg</u>	1	1	Z3_-
.....uagcagcac <u>guuaGuauugg</u>	1	1	Z3_-
.....uagcagcacguaaaaauug <u>C</u>	5	1	Z3_-
.....uagcagcac <u>Uguaaaaauugg</u>	1	1	Z3_-
.....uagcagcac <u>guauuugg</u>	1	1	Z3_-
.....uagcagcacguaaaaauugg	663	0	Z3_-
.....uagcagcac <u>Uaaaaauugg</u>	1	1	Z3_-
.....uagcagcacguaaaaauu <u>Ag</u>	39	1	Z3_-
.....uagcagcacguaaaaau <u>Cgg</u>	1	1	Z3_-
.....uagcagcacguaaaaau <u>uugC</u>	3	1	Z3_-

guuccacucagcacuguaaaauuggcguaguggaaaauauuuuaaacccaauuuacugugugcuuuuuguguugac

.....uagc <u>ag</u> ca <u>U</u> guaaaa <u>u</u> ugg <u>gc</u>	8	1	z3_
.....uagc <u>U</u> g <u>c</u> ac <u>gu</u> aaaa <u>u</u> ugg <u>gc</u>	2	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> ugg <u>gc</u>	1190	0	z3_
.....uago <u>G</u> g <u>c</u> ac <u>gu</u> aaaa <u>u</u> ugg <u>gc</u>	7	1	z3_
.....uagc <u>ag</u> ca <u>c</u> gu <u>G</u> au <u>u</u> ugg <u>gc</u>	2	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> ugg <u>U</u>	298	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> ugg <u>gc</u>	3	1	z3_
.....C <u>ag</u> c <u>ac</u> guaaaa <u>u</u> ugg <u>gc</u>	6	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaa <u>u</u> U <u>u</u> ugg <u>gc</u>	2	1	z3_
.....uagc <u>ag</u> ca <u>c</u> G <u>gu</u> aaaa <u>u</u> ugg <u>gc</u>	8	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaa <u>u</u> ugg <u>gc</u>	2	1	z3_
.....A <u>ag</u> c <u>ac</u> guaaaa <u>u</u> ugg <u>gc</u>	1	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaa <u>u</u> u <u>C</u> gg <u>gc</u>	3	1	z3_
.....uagc <u>ag</u> ca <u>c</u> g <u>A</u> aaa <u>u</u> u <u>u</u> ugg <u>gc</u>	1	1	z3_
.....u <u>U</u> g <u>c</u> ag <u>c</u> ac <u>gu</u> aaaa <u>u</u> ugg <u>gc</u>	1	1	z3_
.....G <u>ag</u> c <u>ac</u> guaaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	3	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaa <u>u</u> u <u>Ag</u> gc.....	4	1	z3_
.....uagc <u>ag</u> U <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	1	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>A</u>	82	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	6	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaa <u>u</u> Ca <u>u</u> u <u>u</u> ugg <u>gc</u>	4	1	z3_
.....uagc <u>ag</u> ca <u>c</u> g <u>C</u> aaa <u>u</u> u <u>u</u> ugg <u>gc</u>	4	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaa <u>u</u> Gu <u>u</u> u <u>u</u> ugg <u>gc</u>	2	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>G</u>	1	1	z3_
.....uagc <u>ag</u> ca <u>c</u> gu <u>C</u> aaa <u>u</u> u <u>u</u> ugg <u>gc</u>	1	1	z3_
.....ua <u>A</u> cg <u>c</u> ac <u>gu</u> aaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	1	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>U</u> c.....	1	1	z3_
.....u <u>G</u> g <u>c</u> ag <u>c</u> ac <u>gu</u> aaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	1	1	z3_
.....uag <u>C</u> g <u>c</u> ac <u>gu</u> aaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	1	1	z3_
.....uag <u>c</u> a <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	1	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>U</u>	5	1	z3_
.....uagc <u>ag</u> ca <u>c</u> Au <u>u</u> aaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	2	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>gc</u>	2	1	z3_
.....uag <u>c</u> a <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>U</u>	2	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>U</u>	3	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> u <u>u</u> Ag <u>c</u>	4	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>C</u> gg <u>c</u>	5	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> Gu <u>u</u> gg <u>c</u>	3	1	z3_
.....uagc <u>ag</u> ca <u>c</u> Au <u>u</u> aaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	4	1	z3_
.....uagc <u>ag</u> G <u>g</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	7	1	z3_
.....uagc <u>ag</u> ca <u>c</u> gu <u>G</u> aaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	1	1	z3_
.....uagc <u>ag</u> U <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	5	1	z3_
.....uag <u>A</u> g <u>c</u> ac <u>gu</u> aaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	1	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaa <u>u</u> Ca <u>u</u> u <u>u</u> ugg <u>c</u> g.....	2	1	z3_
.....uag <u>C</u> g <u>c</u> ac <u>gu</u> aaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	8	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u>	20	1	z3_
.....uag <u>c</u> a <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u>	1	1	z3_
.....u <u>U</u> g <u>c</u> ag <u>c</u> ac <u>gu</u> aaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	3	1	z3_
.....uag <u>c</u> ag <u>c</u> U <u>a</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	2	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaa <u>u</u> u <u>u</u> au <u>u</u> ugg <u>c</u> g.....	1	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> au <u>u</u> Ag <u>c</u>	2	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> Gu <u>u</u> u <u>u</u> ugg <u>c</u> g.....	9	1	z3_
.....uagc <u>ag</u> ca <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>C</u> gg <u>c</u>	4	1	z3_
.....A <u>ag</u> c <u>ac</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>c</u> g.....	2	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>c</u>	199	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>Ag</u>	4	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaa <u>u</u> Gu <u>u</u> u <u>u</u> ugg <u>c</u> g.....	3	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>U</u>	5	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>U</u>	5	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>U</u>	26	1	z3_
.....uag <u>c</u> ag <u>c</u> ca <u>u</u> aaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	4	1	z3_
.....uag <u>c</u> U <u>g</u> ac <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	1	1	z3_
.....uag <u>c</u> a <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	1	1	z3_
.....G <u>ag</u> c <u>ac</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	1	1	z3_
.....u <u>G</u> g <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	4	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>U</u>	3	1	z3_
.....uag <u>c</u> ag <u>c</u> Gu <u>u</u> aaaa <u>u</u> u <u>u</u> ugg <u>c</u> g.....	5	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>u</u> ugg <u>c</u> g.....	1682	0	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> Ag <u>g</u> cg.....	1	1	z3_
.....uag <u>c</u> ag <u>c</u> guaaaa <u>u</u> u <u>u</u> u <u>G</u> gg <u>c</u> g.....	1	1	z3_

hsa-miR-16-5p

hsa-miR-16-2-3p

guuccacucagcacucgcacuguuaauauuggcgguuagugaauuuauuuuuacccaauuuuacuguugcuguuuauguuguuac

.....uagcagcac <u>g</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u>	1	1	z3_
.....Cagcagcac <u>gu</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u>	5	1	z3_
.....uag <u>G</u> agcac <u>gu</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u>	6	1	z3_
.....uagcagcac <u>gu</u> aaaa <u>u</u> au <u>u</u> ug <u>A</u> cg.....	2	1	z3_
.....uagcagcac <u>gu</u> Caaaa <u>u</u> au <u>u</u> gg <u>cg</u>	1	1	z3_
.....uagcagcac <u>G</u> guaaaa <u>u</u> au <u>u</u> gg <u>cg</u>	3	1	z3_
.....Cagcagcac <u>gu</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u>	2	1	z3_
.....uagcagcU <u>cg</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u>	1	1	z3_
.....uag <u>V</u> agcac <u>gu</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u>	1	1	z3_
.....uagcagcac <u>gu</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u> Au.....	3	1	z3_
.....uagcagcac <u>gu</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u> G.....	2	1	z3_
.....uagcagcac <u>gu</u> aaaa <u>u</u> au <u>u</u> gg <u>cg</u> A.....	12	1	z3_
.....uagcagcac <u>gu</u> aaaa <u>u</u> au <u>u</u> Ag <u>gc</u> gu.....	1	1	z3_
.....uag <u>G</u> agcac <u>gu</u> aaaa <u>u</u> au <u>u</u> ugg <u>cg</u>	1	1	z3_
.....uagcagcac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg <u>cg</u>	1	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg <u>cg</u>	1	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg <u>cg</u> Aau.....	1	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg <u>cg</u> G.....	21	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ug <u>A</u> cg.....	1	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> C <u>g</u> cg.....	1	1	z3_
.....uagcagcac <u>g</u> aaa <u>u</u> au <u>u</u> ugg <u>cg</u>	1	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg <u>U</u> gu.....	4	1	z3_
.....uagcagcac <u>gu</u> aa <u>u</u> Gu <u>u</u> gg <u>cg</u>	5	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg <u>cg</u> ua.....	4	0	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg <u>cg</u> Ga.....	4	1	z3_
.....ag <u>c</u> ag <u>c</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg <u>cg</u>	3	0	z3_
.....ag <u>c</u> ag <u>c</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg <u>cg</u> A.....	1	1	z3_
.....ag <u>c</u> ag <u>c</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg <u>cg</u>	6	0	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> gu <u>u</u> gc <u>u</u> g.....	1	0	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> gu <u>u</u> gc <u>g</u>	1	1	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>g</u> u <u>u</u> gc <u>u</u> g.....	1	1	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> u <u>g</u> u <u>g</u> gc <u>u</u>	1	1	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> u <u>g</u> u <u>u</u> Ac <u>u</u> gu.....	1	1	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> u <u>g</u> u <u>g</u> Ag <u>u</u> u.....	1	1	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> u <u>g</u> u <u>u</u> Ca <u>u</u> gu.....	1	1	z3_
.....acc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> u <u>g</u> u <u>u</u> Gu.....	1	1	z3_
.....cc <u>aa</u> au <u>u</u> u <u>u</u> ac <u>u</u> u <u>g</u> u <u>g</u> Gu <u>u</u>	1	1	z3_
.....uagcagcac <u>gu</u> aaa <u>u</u> au.....	20	0	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> auC.....	1	1	z1_
.....uagcagcac <u>gu</u> aa <u>Gu</u> au.....	1	1	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> auug.....	10	0	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> C <u>g</u>	3	1	z1_
.....ua <u>C</u> c <u>g</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg.....	1	1	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> u <u>u</u> u <u>g</u>	1	1	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> u <u>u</u> u <u>g</u>	2	1	z1_
.....uagcagcac <u>gu</u> aa <u>u</u> au <u>u</u> ugg.....	4	1	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg.....	758	0	z1_
.....uag <u>V</u> agcac <u>gu</u> aaa <u>u</u> au <u>u</u> ugg.....	1	1	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> u <u>u</u> u <u>g</u>	4	1	z1_
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> u <u>u</u> u <u>g</u>	37	1	z1_
.....uagcagcac <u>gu</u> aaa <u>u</u> au <u>u</u> Gu <u>u</u> g.....	5	1	z1_
.....ua <u>C</u> ag <u>c</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> aaaa <u>u</u> au <u>u</u> ugg.....	1	1	z1_
.....uag <u>c</u> ag <u>c</u> aaaa <u>u</u> au <u>u</u> ugg.....	7	1	z1_
.....uag <u>c</u> ag <u>c</u> gu <u>u</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> gu <u>u</u> aaaa <u>u</u> au <u>u</u> ug <u>C</u>	3	1	z1_
.....uG <u>g</u> c <u>g</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg.....	5	1	z1_
.....uag <u>G</u> g <u>g</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> Uaaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> gu <u>u</u> aaaa <u>u</u> au <u>u</u> ugg.....	1	1	z1_
.....u <u>U</u> g <u>g</u> ag <u>c</u> ac <u>g</u> aaaa <u>u</u> au <u>u</u> ugg.....	1	1	z1_
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> Gu <u>u</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> gu <u>u</u> aaaa <u>u</u> au <u>u</u> ugg.....	1	1	z1_
.....u <u>U</u> g <u>g</u> ag <u>c</u> ac <u>g</u> gu <u>u</u> aaaa <u>u</u> au <u>u</u> ugg.....	1	1	z1_
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> Gu <u>u</u> aaaa <u>u</u> au <u>u</u> ugg.....	2	1	z1_
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> gu <u>u</u> aaaa <u>u</u> au <u>u</u> Ug <u>c</u>	1	1	z1_

guuccacucagcacgacgcuaaauuuggcguaguggaaauuauuuuaaacccaauuacuguguguuuuuuguguac

.....uagcGgcacguaaaaauuggc.....	7	1	z1_
.....uagc <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	1	1	z1_
.....ua <u>C</u> ac <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>U</u>	317	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>Ac</u>	5	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> Ag <u>gc</u>	5	1	z1_
.....u <u>ag</u> c <u>g</u> A <u>ac</u> gu <u>aa</u> au <u>u</u> ugg <u>cg</u>	1	1	z1_
.....C <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	8	1	z1_
.....G <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> aa <u>C</u> au <u>u</u> gg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> aa <u>u</u> C <u>u</u> gg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> A <u>aa</u> aa <u>u</u> u <u>u</u> gg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> G <u>u</u> aa <u>aa</u> au <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> au <u>u</u> ugg <u>cg</u>	1605	0	z1_
.....u <u>ag</u> U <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	5	1	z1_
.....u <u>ag</u> c <u>g</u> A <u>ca</u> c <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	3	1	z1_
.....u <u>U</u> g <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>G</u> g <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	11	1	z1_
.....u <u>ag</u> C <u>g</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	2	1	z1_
.....u <u>C</u> g <u>ag</u> c <u>g</u> ac <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	3	1	z1_
.....u <u>ag</u> C <u>U</u> g <u>ac</u> g <u>g</u> cu <u>aa</u> au <u>u</u> ugg <u>cg</u>	3	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> A <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> gg <u>cg</u>	2	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> gg <u>cg</u>	6	1	z1_
.....u <u>ag</u> c <u>g</u> ca <u>U</u> g <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> g <u>g</u> Gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	2	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> G <u>gg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> Gu <u>au</u> u <u>u</u> ugg <u>cg</u>	10	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> Gu <u>u</u> gg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> U <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> Gu <u>au</u> u <u>u</u> ugg <u>cg</u>	5	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> Gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	8	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> A <u>g</u>	2	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> g <u>g</u> C <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> GG <u>gg</u>	62	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> G <u>gg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> G <u>gg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> c <u>ac</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> G <u>gg</u>	13	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> Gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	8	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	10	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	8	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	2	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	13	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	177	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	7	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	7	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	2	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	8	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	2	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	4	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	2	1	z1_
.....u <u>ag</u> c <u>g</u> g <u>g</u> U <u>c</u> gu <u>aa</u> aa <u>u</u> u <u>u</u> ugg <u>cg</u>	1	1	z1_

guuccacucagcacuguuaauauuuggcguuagugaauuuauuuuuacccaauuuuacuguguguuuuuguuguac

.....uagcGgcacguaaaaauuuggcg.....	3	1	Z1_
.....uCgcacacguaaaaauuuggcg.....	1	1	Z1_
.....uagcaAcacguaaaaauuuggcg.....	4	1	Z1_
.....uagcagcacguCauauuggcg.....	1	1	Z1_
.....uagcagcacAuaaaaauuuggcg.....	1	1	Z1_
.....uagcUgcacguaaaaauuuggcg.....	1	1	Z1_
.....uagAagcacguaaaaauuuggcg.....	1	1	Z1_
.....uagcagcacguaaaaauuuggcg.....	1947	0	Z1_
.....uagcagcacguaaaaauuAgcg.....	1	1	Z1_
.....uagcagcacguaaaaauuuggcC.....	16	1	Z1_
.....uagcagcacguaaaGuuggcg.....	6	1	Z1_
.....uagGagcacguaaaaauuuggcg.....	2	1	Z1_
.....uagcagcacguaaaaauuuggcgA.....	5	1	Z1_
.....Aagcagcacguaaaaauuuggcg.....	1	1	Z1_
.....uagcagcacguaaaaauuuggcA.....	1	1	Z1_
.....uaLagcacguaaaaauuuggcg.....	1	1	Z1_
.....uagcagcacguGaaaaauuuggcg.....	1	1	Z1_
.....uagcagcacguaaaaauuuggcg.....	228	0	Z1_
.....uagUgcacguaaaaauuuggcg.....	1	1	Z1_
.....uagcagcacguaaaaauuuggcg.....	2	1	Z1_
.....Cagcagcacguaaaaauuuggcg.....	1	1	Z1_
.....uagcagcacguaaaaauCggcg.....	2	1	Z1_
.....uagcagcacguaaaaauuggAgu.....	1	1	Z1_
.....uagcagcacgCaaaaauuuggcg.....	1	1	Z1_
.....uagoGgcacguaaaaauuuggcg.....	2	1	Z1_
.....uagcagcUcgaaaaauuuggcg.....	1	1	Z1_
.....uagcagcacguaaaCauuggcg.....	2	1	Z1_
.....uagcagcacguaaaaauuggcgD.....	4	1	Z1_
.....uagcagcacguaaaaauuuggcgC.....	11	1	Z1_
.....uagcagcacguaaaaauuuggcgua.....	6	0	Z1_
.....uagcagcacguaaaaauCggcgua.....	2	1	Z1_
.....agcagcacguaaaaauuuggU.....	1	1	Z1_
.....agcagcacguaaaaauuuggcg.....	1	0	Z1_
.....accuuuuuacugugcugUu.....	1	1	Z1_
.....accuuuuuacCgugcugcu.....	1	1	Z1_
.....accuuuuuacugugcCgcu.....	1	1	Z1_
.....accuuuuuacuguAcugcuu.....	1	1	Z1_
.....accuuuuuCugugcugcuu.....	1	1	Z1_
.....accuuuuuacugugcugcuu.....	1	1	Z1_
.....ccauauCuacugugcugcuuia.....	1	1	Z1_
.....Auagcagcacguaaaaauuuggcg.....	1	1	GDM
.....cuagcagcacguaaaaauuuggcg.....	2	0	GDM
.....cuagcagcacguaaaaauuuggcgA.....	1	1	GDM
.....uagcagcGcguaaaaauu.....	1	1	GDM
.....uagcagcacguGauauu.....	1	1	GDM
.....uagcagcacguaaGuauu.....	3	1	GDM
.....uagcagcacguaaaaauu.....	221	0	GDM
.....uagcagcacguaaaauC.....	7	1	GDM
.....uagcagcacguaaaCau.....	1	1	GDM
.....uagcagcacguaaaauG.....	1	1	GDM
.....uagcGgcacguaaaaauu.....	2	1	GDM
.....Cagoagcacguaaaaauu.....	2	1	GDM
.....uagcagcacguaaaaauu.....	221	0	GDM
.....uagcagcaUguaaaaauu.....	1	1	GDM
.....uagcagcacguaaaaauA.....	1	1	GDM
.....uagcagcacguaaaaauu.....	221	0	GDM
.....uagcagcacguaaaaauC.....	7	1	GDM
.....uGgcagcacguaaaaauu.....	1	1	GDM
.....uagcagcacguGaaaaauu.....	1	1	GDM
.....uagcagcacguaaaaauA.....	5	1	GDM
.....uagcagcacguaaUuaug.....	1	1	GDM
.....uagcagUacguaaaaauug.....	2	1	GDM
.....uagcagcacguaaaaauuA.....	5	1	GDM
.....uagcagcGcguaaaaauug.....	3	1	GDM
.....uagcagcacguaaaGuug.....	1	1	GDM
.....uagcaAcacguaaaaauug.....	1	1	GDM
.....uagcagcacguaaaaauug.....	113	0	GDM

hsa-miR-16-5p

hsa-miR-16-2-3p

guuccacucuagcagcacguaaaaauuggcguagugaaaaauauuuacaccaauuuacuguggcugcuuuuugugugac

.....uagcagcacgAaaaauuug.....	1	1	GDM
.....uagcagcacguaaaaauug.....	113	0	GDM
.....uagcagcacguaaaaauGg.....	2	1	GDM
.....uagcagcacguaaaaauug.....	113	0	GDM
.....uagcagcacguaaaaauA.....	5	1	GDM
.....uagcagcacguaaaaauugA.....	239	1	GDM
.....uagcagcacguaaa <u>Cauugg</u>	8	1	GDM
.....Aagcagcacguaaaaauugg.....	11	1	GDM
.....uagcagcacguaaaaauu <u>Ug</u>	1	1	GDM
.....ua <u>A</u> cagcacguaaaaauugg.....	3	1	GDM
.....uagcagcacguaaaaauu <u>U</u>	39	1	GDM
.....uagcagcacguu <u>aauuugg</u>	1	1	GDM
.....uagcagcacguaaaaauu <u>Cg</u>	2	1	GDM
.....uagcag <u>U</u> acguaaaaauugg.....	4	1	GDM
.....uagcagcacguaaaa <u>Gugg</u>	1	1	GDM
.....ua <u>A</u> cc <u>g</u> cacguaaaaauugg.....	3	1	GDM
.....uagcagcacguaaaaau <u>Ggg</u>	5	1	GDM
.....uagcagcacguaaaaauug <u>C</u>	31	1	GDM
.....uagcagcacgu <u>Gaaauuugg</u>	15	1	GDM
.....uagcagc <u>G</u> guaaaaauugg.....	9	1	GDM
.....uagcagcac <u>A</u> aaaaauugg.....	4	1	GDM
.....uagcagcacguaa <u>Uuuugg</u>	4	1	GDM
.....uagcagcacguaaaaauugg.....	4259	0	GDM
.....u <u>U</u> gcagcacguaaaaauugg.....	2	1	GDM
.....uagcagcacguaaaaauuu <u>Ag</u>	7	1	GDM
.....uGgcagcacguaaaaauugg.....	23	1	GDM
.....uagcagcacguaaa <u>Guugg</u>	9	1	GDM
.....Cagcagcacguaaaaauugg.....	32	1	GDM
.....uagcagcacguaaaaauu <u>Ugg</u>	4259	0	GDM
.....uagcagcacguaaa <u>Cuugg</u>	2	1	GDM
.....uagcagcacguaaaaauu <u>U</u>	39	1	GDM
.....uagcagcac <u>Caaauuugg</u>	16	1	GDM
.....uagcagcacguaaaaau <u>Ugg</u>	5	1	GDM
.....Gaggcagcacguaaaaauugg.....	1	1	GDM
.....uag <u>U</u> gcacguaaaaauugg.....	11	1	GDM
.....uagcagcacguaa <u>Cuuugg</u>	1	1	GDM
.....uagcagcac <u>Cuuuuugg</u>	4	1	GDM
.....uagcagcacguaaaaauugg.....	4259	0	GDM
.....uagcagcac <u>Caaaauuugg</u>	16	1	GDM
.....uagcagcacguaaa <u>ua</u> <u>Ugg</u>	5	1	GDM
.....uagcagcacguaaa <u>Aauugg</u>	2	1	GDM
.....uagcagc <u>U</u> cguaaaaaauugg.....	6	1	GDM
.....uagcagcac <u>gu</u> aaaaauugg.....	15	1	GDM
.....uag <u>A</u> cacguaaaaauugg.....	13	1	GDM
.....uag <u>C</u> acguaaaaauugg.....	7	1	GDM
.....uag <u>G</u> acguaaaaauugg.....	1	1	GDM
.....uagcagcacguaaa <u>Cauugg</u>	8	1	GDM
.....uagcagcacguaaaaauug <u>C</u>	31	1	GDM
.....uagcagcacguaaaa <u>uCugg</u>	7	1	GDM
.....Aagcagcacguaaaaauugg.....	11	1	GDM
.....uag <u>U</u> gcacguaaaaauugg.....	11	1	GDM
.....uag <u>C</u> acguaaaaauugg.....	13	1	GDM
.....uagcagcacguaa <u>Guauugg</u>	26	1	GDM
.....uag <u>A</u> gcacguaaaaauu <u>U</u>	39	1	GDM
.....uag <u>U</u> gcacguaaaaauugg.....	11	1	GDM
.....uagcagcac <u>Gaaaauuugg</u>	2	1	GDM
.....uag <u>C</u> gcacguaaaaauugg.....	3	1	GDM
.....uagcagcacguaaaaauugg.....	1	1	GDM
.....uagcagcac <u>Gaaaauuugg</u>	2	1	GDM
.....uagcagcacguaaa <u>Cuugg</u>	2	1	GDM
.....Aagcagcacguaaaaauugg.....	11	1	GDM
.....uagcagcac <u>Auuuuauugg</u>	4	1	GDM
.....uGgcagcacguaaaaauugg.....	23	1	GDM
.....uagcagcacguaa <u>Guauugg</u>	26	1	GDM
.....uagcagc <u>C</u> guaaaaauugg.....	1	1	GDM
.....Cagcagcacguaaaaauugg.....	32	1	GDM
.....uagcagc <u>G</u> guaaaaauugg.....	9	1	GDM
.....uagcagca <u>U</u> guaaaaauugg.....	10	1	GDM
.....uagcagcacguaaaaau <u>Agg</u>	6	1	GDM

hsa-miR-16-5p

hsa-miR-16-2-3p

guuccacucagcagcacguaaauauugggcuagugaaauauauauuaaaccaccaauauaacugugugucguguuuagugugac

.....uagcGgcacguaaaaauauugg.....	25	1	GDM
.....uagcagcacguCaaauauugg.....	1	1	GDM
.....uagcagcacguaaGuaauugg.....	26	1	GDM
.....uagcGgcacguaaaaauauugg.....	25	1	GDM
.....uagcagcacguaaaauauCgg.....	18	1	GDM
.....uagcagcacguaaaGauugg.....	1	1	GDM
.....uagcagcacguaaaauauAgg.....	6	1	GDM
.....uaUcagcacguaaaaauauugg.....	3	1	GDM
.....uUgagcacguaaaaauauugg.....	23	1	GDM
.....uagcagcacguaaaauauCgg.....	18	1	GDM
.....uagcagcacguaaaauaCugg.....	7	1	GDM
.....uagcagcacguuaUuaauugg.....	4	1	GDM
.....uagcagcaUgaaaaauauugg.....	10	1	GDM
.....uagcagcacguaaaauauAgg.....	6	1	GDM
.....uagcagcacguaaaCauugg.....	8	1	GDM
.....uagcagcacguaaaauauCgg.....	18	1	GDM
.....uagcagcacguGaaaaauugg.....	15	1	GDM
.....uagcagcacguaaaaauauugA.....	239	1	GDM
.....uagcagcacguaaaaauauugC.....	31	1	GDM
.....uagcagcacguGauauugg.....	26	1	GDM
.....uagcagcacguGauauugg.....	26	1	GDM
.....uagcagcacguaaUuaauugg.....	4	1	GDM
.....uagcGgcacguaaaauauugg.....	25	1	GDM
.....uagcagcacguaaaauGuugg.....	9	1	GDM
.....uUgagcacguaaaaauauugg.....	2	1	GDM
.....uagcagcacguGauauugg.....	26	1	GDM
.....uagcagcacguaaaaauauugA.....	239	1	GDM
.....uagcagcacguaaaGuugg.....	9	1	GDM
.....uagcagcacguaaaauauAg.....	7	1	GDM
.....uagcUgacgcguaaaaauauugg.....	3	1	GDM
.....uagcagcacguaaaauauAg.....	7	1	GDM
.....uagcaAcacgcguaaaaauauugg.....	13	1	GDM
.....uCgcagcacguaaaaauauugg.....	2	1	GDM
.....uagcagcacgAaaaaauauugg.....	3	1	GDM
.....uagcagcGcguaaaaaauauugg.....	9	1	GDM
.....uagcagcacgAaaaaauauugg.....	3	1	GDM
.....Cagcagcacguaaaaauauugg.....	32	1	GDM
.....uagcagcUcguaaaaaauauugg.....	6	1	GDM
.....uagcagcacguaaaauaCugg.....	7	1	GDM
.....uagcaUcacgcguaaaaauauugg.....	7	1	GDM
.....uagcagcacgcguaaaauaAugg.....	5	1	GDM
.....uagcagcacgCaaaaauauugg.....	16	1	GDM
.....uUgagcacgcguaaaaauauuggc.....	22	1	GDM
.....uagcUgacgcguaaaaauauuggc.....	9	1	GDM
.....uagcGgcacgcguaaaaauauuggc.....	29	1	GDM
.....uagcagcacgcguaaaaauauAgc.....	9	1	GDM
.....uagcaglaAcgcguaaaaauauuggc.....	2	1	GDM
.....uagcagcacgcguaaaaauauuggc.....	6737	0	GDM
.....uagcagcacgcguaaaauaCuggc.....	17	1	GDM
.....uagcagcaUgaaaaauauuggc.....	9	1	GDM
.....uagGagcacgcguaaaaauauuggc.....	1	1	GDM
.....uaAcagcacgcguaaaaauauuggc.....	5	1	GDM
.....uagcagcacgcguaaaaauauuggc.....	6737	0	GDM
.....uaAcagcacgcguaaaaauauuggc.....	5	1	GDM
.....uagcagcacgcguaaaaauauuggU.....	1240	1	GDM
.....uagcagcacgcguaaaaauuuUgc.....	4	1	GDM
.....uagcagcacAuaaaaauauuggc.....	13	1	GDM
.....uagcagUacgcguaaaaauauuggc.....	11	1	GDM
.....uagcagcacgcguaaaauaAuggc.....	2	1	GDM
.....uagcagcacgcguaaaauauuggUc.....	1	1	GDM
.....uagcagAacgcguaaaaauauuggc.....	2	1	GDM
.....uagcagcacgcCaaaaauauuggc.....	19	1	GDM
.....uagcagCcgcguaaaaauauuggc.....	1	1	GDM
.....Cagcagcacgcguaaaaauauuggc.....	27	1	GDM
.....uagcagcacgcguaaaGuuggc.....	12	1	GDM
.....uagcagcacgcguaaaaauauCggc.....	39	1	GDM
.....uaAcagcacgcguaaaaauauuggc.....	5	1	GDM
.....Aagcagcacgcguaaaaauauuggc.....	10	1	GDM
.....uaAgcaCcacgcguaaaaauauuggc.....	3	1	GDM

hsa-miR-16-5p

hsa-miR-16-2-3p

guuccacucuagcagcacguaaaauuggcguagugaaaaauauuuuacaccaauuacugugcugcuuuagugugac

.....uagcagcacguaaaauuggc.....	1	1	GDM
.....uGgcagcacguaaaauuggc.....	22	1	GDM
.....uagcagcacguaaaauGggc.....	1	1	GDM
.....uagcagcacguaaaGuuggc.....	12	1	GDM
.....uagcagcacGuaaaaauuggc.....	1	1	GDM
.....uagcagcacguGaaauuuggc.....	14	1	GDM
.....uagcagcacguaaaaauuggc.....	1	1	GDM
.....uagcagcacguaaaAuggc.....	2	1	GDM
.....Aagcagcacguaaaauuggc.....	10	1	GDM
.....uagcagcacguaaGuauuggc.....	39	1	GDM
.....uagcagcacguaaGauauuggc.....	33	1	GDM
.....uaUcagcacguaaaauuggc.....	5	1	GDM
.....uGgcagcacguaaaauuggc.....	22	1	GDM
.....uagAagcacguaaaauuggc.....	2	1	GDM
.....uagcagcacguaaUuuuuggc.....	8	1	GDM
.....uagcagcacguuauuuggc.....	6	1	GDM
.....uagcagca <u>Gu</u> aaaaauuggc.....	9	1	GDM
.....uagcagcac <u>cg</u> Aaaaauuggc.....	5	1	GDM
.....uagcagcacguaaaauuggG.....	8	1	GDM
.....uUgcagcacguaaaauuggc.....	8	1	GDM
.....uagcagcac <u>C</u> aaaauuggc.....	19	1	GDM
.....uagcagc <u>U</u> cguaaaauuggc.....	6	1	GDM
.....uag <u>U</u> agcacguaaaauuggc.....	15	1	GDM
.....uUgcagcacguaaaauuggc.....	8	1	GDM
.....uagcagcacguaa <u>U</u> auuggc.....	8	1	GDM
.....uagcagcacguaaaauuggc.....	6737	0	GDM
.....uagcagcacguaa <u>G</u> auuggc.....	39	1	GDM
.....uagcagcac <u>G</u> aaaauuggc.....	4	1	GDM
.....uagcag <u>U</u> acguaaaauuggc.....	11	1	GDM
.....uagcagcacguaaaau <u>ug</u> Ac.....	10	1	GDM
.....Gagcagcacguaaaauuggc.....	3	1	GDM
.....uagc <u>U</u> gcacguaaaauuggc.....	9	1	GDM
.....uagcagcacguaaa <u>C</u> auuggc.....	17	1	GDM
.....uagcagcacguaaa <u>U</u> auuggc.....	8	1	GDM
.....Cagcagcacguaaaauuggc.....	27	1	GDM
.....uagcagcacguuauuuggc.....	6	1	GDM
.....uag <u>a</u> cacguaaaauuggc.....	15	1	GDM
.....uagcagcacguaaaau <u>C</u> ggc.....	39	1	GDM
.....uagcagcac <u>cg</u> Aaaaauuggc.....	5	1	GDM
.....uagcagcacguaaa <u>C</u> auuggc.....	17	1	GDM
.....uUgcagcacguaaaauuggc.....	8	1	GDM
.....uCgcagcacguaaaauuggc.....	3	1	GDM
.....uagc <u>G</u> cacguaaaauuggc.....	29	1	GDM
.....uagcagcac <u>A</u> aaaauuggc.....	13	1	GDM
.....uag <u>U</u> agcacguaaaauuggc.....	15	1	GDM
.....uagcagcacguaaaau <u>u</u> ugAc.....	10	1	GDM
.....uagcagcacguaaaau <u>u</u> uggA.....	259	1	GDM
.....Gagcagcacguaaaauuggc.....	3	1	GDM
.....uagcagc <u>U</u> cguaaaauuggc.....	6	1	GDM
.....uagcagc <u>G</u> guaaaauuggc.....	30	1	GDM
.....uagcagcacguaa <u>G</u> auuggc.....	39	1	GDM
.....uagc <u>G</u> cacguaaaauuggc.....	1	1	GDM
.....uagcagcacguaaaauuggA.....	259	1	GDM
.....uag <u>G</u> gcacguaaaauuggc.....	29	1	GDM
.....uagcagcacguaaaauuuggG.....	8	1	GDM
.....uCgcagcacguaaaauuggc.....	3	1	GDM
.....uagcagcacguaaaau <u>C</u> uggc.....	17	1	GDM
.....uagcagcacguaaaau <u>Ag</u> gc.....	11	1	GDM
.....uagc <u>U</u> gcacguaaaauuggc.....	9	1	GDM
.....uag <u>U</u> agcacguaaaauuggc.....	15	1	GDM
.....uag <u>a</u> cacguaaaauuggc.....	15	1	GDM
.....uagcagcacguGauauuggc.....	33	1	GDM
.....Cagcagcacguaaaauuggc.....	27	1	GDM
.....uagcagcacguaaa <u>C</u> auuggc.....	17	1	GDM
.....uagcagcacguaaaau <u>U</u> gc.....	4	1	GDM
.....uagcagcacguaaaauuggG.....	8	1	GDM
.....uagcagcac <u>G</u> uaaaauuggc.....	1	1	GDM
.....uagcagcacguaa <u>G</u> auuggc.....	33	1	GDM
.....uagcagc <u>G</u> guaaaauuggc.....	30	1	GDM

guuccacucagcgcacgcuaaauuuggcguagugaaauuuuuaaacccaauuuacuguguguuuuuguguac

.....uagcagcac <u>g</u> Caa <u>aa</u> au <u>u</u> u <u>gg</u>	19	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u>	17	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> Ag <u>gc</u>	11	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>U</u> u <u>gg</u>	1	1	GDM
.....uagcagcac <u>A</u> u <u>aa</u> au <u>u</u> u <u>gg</u>	13	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>Ag</u>	9	1	GDM
.....uagcag <u>U</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u>	11	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>Gu</u> u <u>gg</u>	12	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>Ag</u>	9	1	GDM
.....uag <u>c</u> a <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u>	15	1	GDM
.....uagcagcac <u>gu</u> u <u>u</u> u <u>u</u> u <u>gg</u>	14	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> U.....	1240	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>Ag</u>	11	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> U.....	1240	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> A.....	259	1	GDM
.....uag <u>c</u> ag <u>G</u> gu <u>aa</u> au <u>u</u> u <u>gg</u>	30	1	GDM
.....uag <u>c</u> ag <u>C</u> gu <u>aa</u> au <u>u</u> u <u>gg</u>	6	1	GDM
.....uagcagcac <u>gu</u> u <u>u</u> u <u>u</u> u <u>gg</u>	14	1	GDM
.....uagcagcac <u>C</u> u <u>aa</u> au <u>u</u> u <u>gg</u>	3	1	GDM
.....A <u>ag</u> c <u>ag</u> c <u>ac</u> gu <u>aa</u> au <u>u</u> u <u>gg</u>	10	1	GDM
.....ua <u>U</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u>	5	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>C</u> gg.....	39	1	GDM
.....uagcagcac <u>g</u> Gaa <u>aa</u> u <u>u</u> u <u>gg</u>	4	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> A.....	782	1	GDM
.....uag <u>c</u> a <u>c</u> gu <u>aa</u> au <u>u</u> u <u>gg</u> cg.....	15	1	GDM
.....ua <u>A</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	10	1	GDM
.....uagcagcac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cgA.....	782	1	GDM
.....u <u>U</u> g <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	6	1	GDM
.....uag <u>c</u> ag <u>U</u> gu <u>aa</u> au <u>u</u> u <u>gg</u> cg.....	15	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	3	1	GDM
.....ua <u>U</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	10	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>G</u> gg.....	3	1	GDM
.....A <u>ag</u> c <u>ag</u> c <u>ac</u> gu <u>aa</u> au <u>u</u> u <u>gg</u> cg.....	16	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> au <u>u</u> u <u>Ag</u> cg.....	8	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> Aau <u>u</u> u <u>gg</u> cg.....	3	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>C</u> ggcg.....	29	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	8626	0	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>U</u> u <u>u</u> u <u>gg</u> cg.....	4	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> Caa <u>aa</u> au <u>u</u> u <u>gg</u> cg.....	28	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> Gaa <u>aa</u> au <u>u</u> u <u>gg</u> cg.....	5	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> ca <u>aa</u> au <u>u</u> u <u>Ag</u> cg.....	8	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>g</u> Gu <u>aa</u> au <u>u</u> u <u>gg</u> cg.....	33	1	GDM
.....uag <u>c</u> G <u>g</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	43	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> U.....	78	1	GDM
.....uag <u>c</u> G <u>g</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	43	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	1	1	GDM
.....u <u>U</u> g <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	6	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>Gu</u> u <u>u</u> u <u>gg</u> cg.....	37	1	GDM
.....ua <u>U</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	10	1	GDM
.....uG <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	36	1	GDM
.....uag <u>c</u> ag <u>U</u> gu <u>aa</u> au <u>u</u> u <u>gg</u> cg.....	15	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> Ug.....	30	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>Gu</u> u <u>gg</u> cg.....	22	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	1	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> Ug.....	30	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> Ug.....	35	1	GDM
.....ua <u>C</u> c <u>g</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	2	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	15	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	3	1	GDM
.....uag <u>c</u> U <u>g</u> ac <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	7	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>Gu</u> u <u>u</u> u <u>gg</u> cg.....	17	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> G.....	11	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> Ag.....	9	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> A.....	782	1	GDM
.....uG <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	36	1	GDM
.....uag <u>c</u> ag <u>G</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	1	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	4	1	GDM
.....ua <u>A</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> cg.....	10	1	GDM
.....uag <u>c</u> ag <u>c</u> ac <u>gu</u> aa <u>aa</u> u <u>u</u> u <u>gg</u> C.....	80	1	GDM

hsa-miR-16-5p

hsa-miR-16-2-3p

guuccacucuagcagcacguaaaaauuggcguagugaaaaauauuuacaccaauuacugugcgcuuuugugugac

.....uagcagcacguaaaaauuggcg.....	8626	0	GDM
.....ua <u>cagcacguaaaaauuggcg</u>	10	1	GDM
.....uagcagcac <u>Gaaaauu</u> uggcg.....	5	1	GDM
.....uagcagcacguaaaaauugg <u>Ug</u>	30	1	GDM
.....uagcagcac <u>Aaaaauu</u> uggcg.....	5	1	GDM
.....uagcagcac <u>guauu</u> uggcg.....	2	1	GDM
.....uagcagcacguaaaaau <u>Cggcg</u>	35	1	GDM
.....Gagc <u>agcacguaaaaauuggcg</u>	1	1	GDM
.....uagcagcacguaaa <u>Guuggcg</u>	22	1	GDM
.....uagcagcacguaaa <u>auu</u> ug <u>Ucg</u>	1	1	GDM
.....uagcagcacguaaaaau <u>uggAg</u>	9	1	GDM
.....uagcagcacguaaaaau <u>uggGg</u>	11	1	GDM
.....uagcagcacguaaaa <u>Uuuggcg</u>	8626	0	GDM
.....uagcagcac <u>guaaaau</u> uggcg.....	1	1	GDM
.....uagcagcac <u>guauu</u> uggcg.....	2	1	GDM
.....uagc <u>Ugcacguaaaaauuggcg</u>	7	1	GDM
.....uagcagcacguaaaa <u>uuggC</u>	80	1	GDM
.....uagc <u>Ggcacguaaaaauuggcg</u>	43	1	GDM
.....uagcagcacguaaaa <u>auugCcg</u>	1	1	GDM
.....uagcagcac <u>guaaaauu</u> uggcg.....	19	1	GDM
.....uagcagcacguaaaa <u>Aggcg</u>	11	1	GDM
.....uag <u>Ugcacguaaaaauuggcg</u>	20	1	GDM
.....uagc <u>Cgcacguaaaaauuggcg</u>	2	1	GDM
.....uagcagcacguaaaa <u>auuggGg</u>	11	1	GDM
.....uagcagcacguaaaa <u>auu</u> Cggcg.....	35	1	GDM
.....uagcagcacguaaaa <u>auuggC</u>	80	1	GDM
.....uag <u>aacacguaaaaauuggcg</u>	15	1	GDM
.....uagcag <u>Aacguaaaaauuggcg</u>	4	1	GDM
.....uagcagcac <u>gAaaaauu</u> uggcg.....	5	1	GDM
.....uagcagcac <u>guaaaaauu</u> ug <u>Acg</u>	10	1	GDM
.....uagcagcac <u>guGaaauu</u> uggcg.....	27	1	GDM
.....uagcagcac <u>guaaaaauu</u> Gggcg.....	2	1	GDM
.....uag <u>Ugcacguaaaaauuggcg</u>	20	1	GDM
.....uagcagcac <u>Caaaaauu</u> uggcg.....	28	1	GDM
.....uagcagcac <u>guaaaaauu</u> Aggcg.....	11	1	GDM
.....uagc <u>agcUcgaaaaauuggcg</u>	17	1	GDM
.....uagcagcac <u>Caaaaauu</u> uggcg.....	28	1	GDM
.....Cagc <u>agcacguaaaaauuggcg</u>	36	1	GDM
.....uagcagcac <u>guaaaAauuggcg</u>	3	1	GDM
.....uago <u>Cgcacguaaaaauuggcg</u>	2	1	GDM
.....uagcagcac <u>guaaaaAuuggcg</u>	3	1	GDM
.....uagcagcac <u>Aaaaaauu</u> uggcg.....	19	1	GDM
.....uagcagcac <u>guaaaaauu</u> ug <u>Acg</u>	10	1	GDM
.....uagcagcac <u>Gaaaauu</u> uggcg.....	5	1	GDM
.....uagcagcac <u>guaaaCauuggcg</u>	15	1	GDM
.....uagcagcac <u>guaaaCauuggcg</u>	15	1	GDM
.....uagc <u>agcacguaaaaauuggcg</u>	14	1	GDM
.....ua <u>Ugcacguaaaaauuggcg</u>	10	1	GDM
.....uagcagcac <u>guaaaauu</u> uggcg.....	19	1	GDM
.....uag <u>caCcacguaaaaauuggcg</u>	4	1	GDM
.....uagcagcac <u>guaaaaauu</u> ugg <u>Ag</u>	9	1	GDM
.....uagcagcac <u>guaaaaauu</u> Gggcg.....	3	1	GDM
.....uagcagcac <u>guaaaaauu</u> ugg <u>C</u>	78	1	GDM
.....uago <u>agcacguaaaaauuggcg</u>	1	1	GDM
.....Cagg <u>agcacguaaaaauuggcg</u>	36	1	GDM
.....uagcagcac <u>guGaaauu</u> uggcg.....	27	1	GDM
.....uagcagcac <u>guaaaaauu</u> Gggcg.....	2	1	GDM
.....uag <u>cagUcgaaaaauuuggcg</u>	14	1	GDM
.....uag <u>aacacguaaaaauuuggcg</u>	15	1	GDM
.....uagc <u>agcUcgaaaaauuuggcg</u>	17	1	GDM
.....uagcagcac <u>guaaaaauu</u> Cggcg.....	29	1	GDM
.....uagcagcac <u>guaaaaauu</u> Auggcg.....	3	1	GDM
.....uag <u>Ugcacguaaaaauuggcg</u>	20	1	GDM
.....uagcagcac <u>guGaaauu</u> uggcg.....	53	1	GDM
.....uagcagcac <u>guaaaaauu</u> ugg <u>C</u>	78	1	GDM
.....uagcag <u>Uacguaaaaauuggcg</u>	14	1	GDM
.....uagcagcac <u>guaaaaauu</u> Cuggcg.....	29	1	GDM
.....uagcagcac <u>guaaaaauu</u> Guuggcg.....	22	1	GDM
.....uagcagcac <u>guGaaauu</u> uggcg.....	53	1	GDM

guuccacucuagcagcacguaaaauuuggcguagugaaaaauauuuacaccaauuuacu**gugcugcuuua**gugugac

.....uagcagcacguaaaauuuggcg.....	10	1	GDM
.....uagcagcGcguaauauuggcg.....	33	1	GDM
.....uagcagcacUaaaaauuuggcg.....	1	1	GDM
.....uagcagcGcguaauauuggcg.....	33	1	GDM
.....uagcagcacguaaaCuuggcg.....	1	1	GDM
.....uagcagcacguaaaGuauuggcg.....	37	1	GDM
.....uGcagcacguaaaauuuggcg.....	36	1	GDM
.....uaCcacguaaaauuuggcg.....	2	1	GDM
.....uagcagcacguaaaCauuggcg.....	15	1	GDM
.....Aagcagcacguaaaauuuggcg.....	16	1	GDM
.....uagcagcacguaaaUuaauuggcg.....	4	1	GDM
.....uagcagcacguaaaauauAgcg.....	8	1	GDM
.....uagcagcacguGaaauauuggcg.....	27	1	GDM
.....uagAagcacguaaaauuuggcg.....	1	1	GDM
.....uagcagcacguGauauuggcg.....	53	1	GDM
.....uagcUgcacguaaaauuuggcg.....	7	1	GDM
.....uagcagAacguaaaauuuggcg.....	4	1	GDM
.....uagcagcacgAaaaauuuggcg.....	5	1	GDM
.....Aagcagcacguaaaauuuggcg.....	16	1	GDM
.....Cagcagcacguaaaauuuggcg.....	36	1	GDM
.....uagcagcacguaaaauauAgcg.....	11	1	GDM
.....uagcagcacguaaGuauuggcg.....	37	1	GDM
.....uagcagcacguaaaauaGuggcg.....	1	1	GDM
.....uagcagcacguaaaGauuggcg.....	2	1	GDM
.....uagcagcacguaaaauuuggGgu.....	1	1	GDM
.....uagcagcacguaaaauuuggcg.....	886	0	GDM
.....uagcagcacguaaaauuuggUgu.....	3	1	GDM
.....uagcagcacguaaaauuuggcg.....	886	0	GDM
.....uGcagcacguaaaauuuggcg.....	6	1	GDM
.....uagcagcacCaaaauuuggcg.....	1	1	GDM
.....uagcagcacguaaaCauuggcg.....	3	1	GDM
.....uagcagcacguaaaCuuggcg.....	1	1	GDM
.....uagcagcacguaaaCauggcg.....	3	1	GDM
.....uagcagcacguaaaauGggcg.....	3	1	GDM
.....uagUagcacguaaaauuuggcg.....	2	1	GDM
.....uagcGgcacguaaaauuuggcg.....	5	1	GDM
.....uagcagcacguaaaauuuggcg.....	2	1	GDM
.....Cagcagcacguaaaauuuggcg.....	3	1	GDM
.....uagUagcacguaaaauuuggcg.....	2	1	GDM
.....uagcagcUcguaauauuuggcg.....	2	1	GDM
.....uagcagcacguaaGuauuggcg.....	3	1	GDM
.....uagcagcacguaaaauCuggcg.....	3	1	GDM
.....uUgcagcacguaaaauuuggcg.....	1	1	GDM
.....Cagcagcacguaaaauuuggcg.....	3	1	GDM
.....uagcagcacguaaaauuCggcg.....	2	1	GDM
.....uGgcagcacguaaaauuuggcg.....	6	1	GDM
.....uagcagcacguaaGuauuggcg.....	3	1	GDM
.....uagcGgcacguaaaauuuggcg.....	5	1	GDM
.....uagcagcacguaaaauuuggcgG.....	4	1	GDM
.....uagcagcacguaaaauuuggcgC.....	64	1	GDM
.....uagcagcacguaaaauuAgcg.....	6	1	GDM
.....uagcagcacguaaaauuuggcgG.....	4	1	GDM
.....uagcagcacAuaaaauuuggcg.....	6	1	GDM
.....uagoagcacguaaaauuuggcgA.....	44	1	GDM
.....uagcagcacguaaaauuuggcgAu.....	2	1	GDM
.....uagcagcacguaaaauuuggcgA.....	44	1	GDM
.....uagcagcacguaaaGuuggcg.....	2	1	GDM
.....uagcagcacAuaaaauuuggcg.....	6	1	GDM
.....uagcagcacguaaaauuuggcgC.....	64	1	GDM
.....uagcagcacguaaaauuAgcg.....	3	1	GDM
.....uagcagcacguaaaauuGggcg.....	3	1	GDM
.....uagcCgcacguaaaauuuggcg.....	1	1	GDM
.....uagcagUacguaaaauuuggcg.....	3	1	GDM
.....uagcagcaUguaaaauuuggcg.....	3	1	GDM
.....uagcagcacguGauauuggcg.....	3	1	GDM
.....uagcagAacguaaaauuuggcg.....	1	1	GDM
.....uagcagcacguaaGuauuggcg.....	3	1	GDM
.....uagcagcacguaaaauuuggcg.....	886	0	GDM
.....uagcagcacguaaGauuggcg.....	2	1	GDM

hsa-miR-16-5p

hsa-miR-16-2-3p

guuccacucagcagcacguaaauauugggcuagugaaauauauuaaaccaccaauauaacucguugugcuuauguuguguac

.....uaAcagcacguaaaaauauuggcg..	5	1	GDM
.....uagcagcacguaaaaauauuggAgu..	5	1	GDM
.....uGgcagcacguaaaaauauuggcg..	6	1	GDM
.....uagcagcacguaaaaauauuggAgu..	5	1	GDM
.....uagcagcacguaaaaauauuggAgu..	5	1	GDM
.....uaUcagcacguaaaaauauuggcg..	1	1	GDM
.....uagcagcacguaaaaauauAgcg..	3	1	GDM
.....uagcagcacguaaaaauauAggcg..	6	1	GDM
.....uagcagcacAuaaaaaauauuggcg..	6	1	GDM
.....uagcagcacguaaaaauauuggcgC..	64	1	GDM
.....uagcagcacguGaaaauauuggcg..	5	1	GDM
.....uagcaAcacguaaaaauauuggcg..	1	1	GDM
.....uagcagcacguGaaaauauuggcg..	5	1	GDM
.....uaAcagcacguaaaaauauuggcg..	5	1	GDM
.....uagcagcacguaGauauuggcg..	3	1	GDM
.....uagcagcacguaaaaauaCuggcg..	3	1	GDM
.....uagcagcacguCaaaauauuggcg..	1	1	GDM
.....uagcagcacguaaaaauauuggcgA..	44	1	GDM
.....uagcagcacguaaaaauauuggUgu..	3	1	GDM
.....uagcagcacguaaaaauauuggcAu..	2	1	GDM
.....uagcagcacguaaaaauauuggcgG..	4	1	GDM
.....uagcagGcguaaaaaauauuggcg..	7	1	GDM
.....uagcagcacguaaaaauauuggcgua..	11	0	GDM
.....uagcagcacguaaaaauauuggcgC..	8	1	GDM
.....uagcagcacguaaaaauauuggcgua..	11	0	GDM
.....uagcagcacguaaaaauauuggcgU..	3	1	GDM
.....uagcagcacguaaaaauauuggcgC..	8	1	GDM
.....uagcagcacguaaaaauauuggcgua..	11	0	GDM
.....uagcagcacguaaaaauauuggcgA..	1	1	GDM
.....uagcagcacguaaaaauauuggcg..	3	1	GDM
.....uagcagcacguaaaaauauuggcgua..	11	0	GDM
.....uagcagcacguaaaaauauCggcgua..	1	1	GDM
.....uagcagcacguaaaaauauuggcgGa..	3	1	GDM
.....agcagcacguaaaaauauugA..	1	1	GDM
.....agcagcacguaaaaauauugAc..	1	1	GDM
.....agcagcacUuaaaaaauauuggc..	1	1	GDM
.....agcagcacguaaaaauauuggU..	1	1	GDM
.....agcagcacguaaaaauauuggc..	1	0	GDM
.....agcagcacguaaaaauauuggcg..	2	0	GDM
.....agcagcacguaaaaauauuggcg..	2	0	GDM
.....aAcagcacguaaaaauauuggcg..	1	1	GDM
.....cagcacguaaaaauauuggcg..	3	0	GDM
.....accuuauuacugugcug..	4	0	GDM
.....aUcaauuuuacugugcug..	1	1	GDM
.....accuuauuacugugcugU..	1	1	GDM
.....accuuauuacugugcCgcu..	3	1	GDM
.....accuuauuacugugcAgcu..	1	1	GDM
.....accuuauuacCgugcugcu..	1	1	GDM
.....accuuauuacugugcugUu..	7	1	GDM
.....accuuauuacugugcugcu..	1	1	GDM
.....accuuauuacugugcugU..	7	1	GDM
.....accuuauuacugugcugU..	7	1	GDM
.....accuuauuacugugcugU..	1	1	GDM
.....accuuauuacugugcugU..	7	1	GDM
.....accuuauuacugugcugU..	1	1	GDM
.....accuuauuacugugcugU..	3	1	GDM
.....accuuauuacuUugcug..	1	1	GDM
.....accuuauuacugugAcugcu..	1	1	GDM
.....accuuauuacugugcAcu..	1	1	GDM
.....accuuauuacugugcCgcuu..	5	1	GDM
.....accuuauaCuacugugcugcu..	3	1	GDM
.....accuuauuacuAugcugcuu..	1	1	GDM
.....accuuauuacAgugcugcuu..	1	1	GDM
.....accuuauuacCgugcugcuu..	3	1	GDM
.....accuuauuacugCgcugcuu..	1	1	GDM
.....accuuauaCuacugugcugcuu..	3	1	GDM
.....accuuauuacugugUugcuu..	1	1	GDM
.....accuuauuacugugcCgcuu..	5	1	GDM
.....accuuauaCacugugcugcuu..	1	1	GDM
.....accuuauuacugCgcugcuu..	3	1	GDM
.....accuuauuacugugcugcuu..	3	1	GDM
.....accuuauuacCgugcugcuu..	3	1	GDM
.....accuuauuacugugcugcuu..	1	1	GDM
.....accuuauuacugugcugcuu..	3	1	GDM
.....accuuauuacuUugcug..	2	1	GDM
.....accuuauuacuUugcugAuu..	1	1	GDM

hsa-miR-16-5p

hsa-miR-16-2-3p

guuccacucuagcagcacguaaaaauuuggcguagugaaaaauaaaaacaccaaauuuacugugcugcugcuuuagugugac

.....	accaauuuuacCgugcugcuuu.....	3	1	GDM
.....	accaauuuuacugugcCgcuuu.....	1	1	GDM
.....	accaauuuuacugugcugUuuua.....	1	1	GDM
.....	ccaaauuuuacugugcugUu.....	3	1	GDM
.....	ccaaauuuuacu <u>U</u> ugugcguu.....	2	1	GDM
.....	ccaaau <u>U</u> uacugugcugcuuua.....	1	1	GDM
.....uagcagcacguaaaaauaCu.....	1	1	zz_
.....	uagcagcacguaaaaauauC.....	2	1	zz_
.....	uagcGgcacguaaaaauuu.....	1	1	zz_
.....	uagcagcGcguaaaaaauuu.....	2	1	zz_
.....	Cagcagcacguaaaaauuu.....	1	1	zz_
.....	uagcagcacguaaaaauuu.....	56	0	zz_
.....	uagcagcacguaaaaauuug.....	22	0	zz_
.....	uagcagcacguauuuug.....	1	1	zz_
.....	uagcagcacguaaaaauuuA.....	1	1	zz_
.....	uGgcacguaaaaauuug.....	1	1	zz_
.....	uagcagcacgGaaaauuugg.....	1	1	zz_
.....	Aagcagcacguaaaaauuugg.....	5	1	zz_
.....	uagcagcacguaaaaauuugC.....	6	1	zz_
.....	uagcagcacguaaaaauuugg.....	1002	0	zz_
.....	uagcagAacguaaaaauuugg.....	2	1	zz_
.....	uagcagcacguaaaaauaCugg.....	4	1	zz_
.....	uagcGgcacguaaaaauuugg.....	3	1	zz_
.....	uagAagcacguaaaaauuugg.....	1	1	zz_
.....	uagcagcacguaaaaauuuAg.....	2	1	zz_
.....	uagcagUacguaaaaauuugg.....	5	1	zz_
.....	uagcagcGcguaaaaaauuugg.....	6	1	zz_
.....	Cagcagcacguaaaaauuugg.....	4	1	zz_
.....	uUgcacguaaaaauuugg.....	1	1	zz_
.....	uagcagcacAuaaaaauuugg.....	1	1	zz_
.....	uagcagcacguGuauuugg.....	5	1	zz_
.....	uagcagcacguaaaaauuCgg.....	3	1	zz_
.....	uagcagcacguaaaaauuuggU.....	5	1	zz_
.....	uagcCgcacguaaaaauuugg.....	1	1	zz_
.....	uagcagcacguuaGuauugg.....	1	1	zz_
.....	uCgcacguaaaaauuugg.....	1	1	zz_
.....	uaUcagcacguaaaaauuugg.....	2	1	zz_
.....	uagcaUcacguaaaaauuugg.....	1	1	zz_
.....	uagcagcacgCaaaauuugg.....	2	1	zz_
.....	uagcagcacguGaaaauuugg.....	2	1	zz_
.....	uagcagcacUaaaaauuugg.....	1	1	zz_
.....	uagcUgcacguaaaaauuugg.....	2	1	zz_
.....	uagcagcacguaaaaCauugg.....	2	1	zz_
.....	uagUagcacguaaaaauuugg.....	2	1	zz_
.....	uagcagcacguaaaaauGuugg.....	2	1	zz_
.....	uagcagcacguaaaaauugA.....	37	1	zz_
.....	uagcagcacguaaaaaAugg.....	3	1	zz_
.....	uaAcagcacguaaaaauuuggc.....	2	1	zz_
.....	uagcagcacguaaaaauuuggG.....	2	1	zz_
.....	uagcagcacguaaaaauuAggc.....	10	1	zz_
.....	uagcaCcacguaaaaauuuggc.....	1	1	zz_
.....	uagcagcacguaaaaauuuAgc.....	1	1	zz_
.....	uagcagUacguaaaaauuuggc.....	2	1	zz_
.....	uagcagcacguaaaaauAuggc.....	1	1	zz_
.....	uagAagcacguaaaaauuuggc.....	1	1	zz_
.....	uagcagcacguUaaaaauuuggc.....	1	1	zz_
.....	uUgcacguaaaaauuuggc.....	1	1	zz_
.....	uagcaAcacguaaaaauuuggc.....	4	1	zz_
.....	uagcagcacguaaaaauuCggc.....	10	1	zz_
.....	uagcagcacguaaaCauuggc.....	5	1	zz_
.....	Cagcagcacguaaaaauuuggc.....	13	1	zz_
.....	uagcGgcacguaaaaauuuggc.....	13	1	zz_
.....	Aagcagcacguaaaaauuuggc.....	6	1	zz_
.....	uagcagcacguGuauuuggc.....	30	1	zz_
.....	uagcagcacguaaaaaCuggc.....	12	1	zz_
.....	uagcagcacgAaaaaauuuggc.....	1	1	zz_
.....	uagcagcacgGaaaaauuuggc.....	3	1	zz_

guuccacucagcgcacgugaaaauauuggcguagugaaauauuaauacccaauuuuacugugugcuuuuuguuguac

.....uagcagcacguGaaauuggc.....	5	1	z2_
.....uagcUgcacguaaaauuggc.....	3	1	z2_
.....uagcagcacguaaaauugC.....	2	1	z2_
.....uagcagcacguaaaauuggU.....	380	1	z2_
.....uagcagcacguaaaGuuggc.....	6	1	z2_
.....uagcagcUcguaaaaauuggc.....	2	1	z2_
.....uagcagcacguaaaauugAc.....	2	1	z2_
.....uagcagcacgCaaaaauuggc.....	14	1	z2_
.....uagcagca <u>U</u> guaaaauuggc.....	15	1	z2_
.....uagCgcacguaaaauuggc.....	3	1	z2_
.....uagcagCcguaaaauuggc.....	5	1	z2_
.....uagcagcacAuaaaauuggc.....	5	1	z2_
.....u <u>u</u> U <u>u</u> agc <u>u</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	2	1	z2_
.....u <u>u</u> ag <u>u</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	3	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	9	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> Ggg <u>c</u>	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	2468	0	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> uggA.....	73	1	z2_
.....u <u>u</u> G <u>g</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	14	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	9	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> u <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....G <u>g</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	2	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> A <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> A <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	18	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> Cgg <u>c</u>	6	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	3	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> Gu <u>u</u> ugg <u>g</u> c.....	17	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	15	1	z2_
.....C <u>ag</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	11	1	z2_
.....u <u>u</u> G <u>g</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	13	1	z2_
.....u <u>u</u> ag <u>u</u> U <u>c</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> C <u>g</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	2	1	z2_
.....u <u>u</u> ag <u>u</u> J <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	4	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> u <u>u</u> ugg <u>g</u> c.....	8	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> cA.....	214	1	z2_
.....u <u>u</u> U <u>g</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> Gu <u>u</u> au <u>u</u> ugg <u>g</u> c.....	10	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	3287	0	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> Ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	2	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> U.....	17	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> Ag <u>g</u> cg.....	3	1	z2_
.....u <u>u</u> u <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	5	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> G <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	16	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> Cau <u>u</u> gg <u>c</u>	8	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> G <u>aa</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> cU.....	17	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> Ag <u>cg</u>	3	1	z2_
.....u <u>u</u> u <u>u</u> Ca <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> U <u>c</u> guaaaauuugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> Ag.....	5	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	3	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	2	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	5	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	7	1	z2_
.....u <u>u</u> ag <u>u</u> U <u>g</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> au <u>u</u> ugg <u>g</u> c.....	8	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> Caaaauuugg <u>g</u> c.....	12	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> Ca <u>aa</u> auuugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> Ac <u>ac</u> guaaaauuugg <u>g</u> c.....	7	1	z2_
.....u <u>u</u> ag <u>u</u> Ca <u>ac</u> guaaaauuugg <u>g</u> c.....	1	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> auuugg <u>g</u> Ccg.....	5	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> u <u>u</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> auuugg <u>g</u> c.....	2	1	z2_
.....u <u>u</u> ag <u>u</u> ag <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> auuugg <u>g</u> C.....	11	1	z2_
.....u <u>u</u> ag <u>u</u> U <u>g</u> c <u>g</u> ac <u>g</u> u <u>u</u> aaa <u>u</u> auuugg <u>g</u> c.....	1	1	z2_

hsa-miR-16-5p

hsa-miR-16-2-3E

guuccacucuagcagcacguaaaaauuuggcguagugaaaaauauaaaaacaccaaauuuacugugcugcuuuagugugac

.....uagcagcaUgaaaaauuuggcg.....	2	1	z2.....
.....Aagcagcacguaaaaauuuggcg.....	9	1	z2.....
.....uaAcagcacguaaaaauuuggcg.....	1	1	z2.....
.....uagcagcUcgaaaaauuuggcg.....	1	1	z2.....
.....uagcagcacgCaaaaauuuggcg.....	1	1	z2.....
.....uagUagcacguaaaaauuuggcg.....	3	1	z2.....
.....uGgcagcacguaaaaauuuggcg.....	3	1	z2.....
.....uagcagUacguaaaaauuuggcg.....	1	1	z2.....
.....uagcagcacguaaaaauuuggcgA.....	10	1	z2.....
.....uagcagcaUgaaaaauuuggcg.....	1	1	z2.....
.....uagcagcacguaaGuauuggcg.....	1	1	z2.....
.....uagcagcacguGaaaauuuggcg.....	3	1	z2.....
.....Aagcagcacguaaaaauuuggcg.....	1	1	z2.....
.....uagcagcacguaaaaauAggcg.....	1	1	z2.....
.....uagcagcacguaaCauuuggcg.....	2	1	z2.....
.....uagcagcacguCaaaaauuuggcg.....	1	1	z2.....
.....uagcGgcacguaaaaauuuggcg.....	4	1	z2.....
.....uagcagcacAaaaaauuuggcg.....	1	1	z2.....
.....uagcagcacguaaaaauuuggcg.....	588	0	z2.....
.....uagcagcacguGaaaauuuggcg.....	2	1	z2.....
.....uÜgcagcacguaaaaauuuggcg.....	1	1	z2.....
.....uagcagcGcguaaaaauuuggcg.....	2	1	z2.....
.....uagcagcacguaaaaauuggUg.....	1	1	z2.....
.....uagcagcacguaaaaauAuggcg.....	2	1	z2.....
.....Cagcagcacguaaaaauuuggcg.....	2	1	z2.....
.....uagcagcacguaaaaauuuggcgG.....	4	1	z2.....
.....uagcagcacguaaaaauuuggAg.....	5	1	z2.....
.....uagcagcacguaaaaauuuggCu.....	3	1	z2.....
.....uagcagcacguaaaCauuuggcg.....	2	1	z2.....
.....uagcagcacguaaaaauuuggcg.....	2	1	z2.....
.....uagcagcacguaaaaauuggcgC.....	37	1	z2.....
.....uagcagcacguaaaaauCuggcg.....	1	1	z2.....
.....uagcagcacguaaaaauuggcgC.....	2	1	z2.....
.....uagcagcacguaaaaauuuggcgua.....	1	0	z2.....
.....uagcagcacguaaaaauuuggcgAa.....	1	1	z2.....
.....agcagcacguaaaaauuuggcg.....	9	0	z2.....
.....agcagcacguaaaCauuuggcg.....	1	1	z2.....
.....agcagcacguaaaGauuuggcg.....	1	1	z2.....
.....agcagcacguaaaaauuuggcg.....	1	0	z2.....
.....accaaaaauuacAgugcugcu.....	1	1	z2.....
.....accaaaaauuacugugcug.....	1	0	z2.....
.....accaaaaauuacugugcugU.....	3	1	z2.....
.....accaaaaauuacugugcug.....	1	1	z2.....
.....accaaaaauuacugugcugC.....	2	1	z2.....
.....accaaaaauuacugugcuguu.....	3	1	z2.....
.....accaaaaauuacugugcuguu.....	1	1	z2.....
.....accaaaaauuacugugcuguu.....	2	1	z2.....
.....accaaaaauuacugugcuguu.....	1	1	z2.....
.....accaaaaauuacugugcuguu.....	6	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	2	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....accaaaaauuacugugcugc.....	1	1	z2.....
.....ccaaaaauuCcugugcugc.....	1	1	z2.....
.....ccaaaaauuCuacugugcugc.....	2	1	z2.....