



gaugcuuugcuggcuggugcagugccugaggaguaagagucucguuguuagauagugucuuaucuccucaggcacauuccaacaagucuc

.....ugccugaggaguaagagu.....	9	0	GDM
.....ugccugaggaguaagagA.....	1	1	GDM
.....ugccugaggaguaagagu.....	9	0	GDM
.....ugccugaggaguaagagu.....	9	0	GDM
.....ugccugaggaguaagaguc.....	1	0	GDM
.....ugccugaggaguaagagucc.....	6	0	GDM
.....ugccugaggaguaagagucU.....	4	1	GDM
.....ugccugaggaguaagagucU.....	4	1	GDM
.....ugccugaggaguaagagucc.....	6	0	GDM
.....ugccugaggaguaagaguccug.....	2	0	GDM
.....gugucuuaucuccucaggca.....	1	0	GDM
.....ugucuuaucuccucaggc.....	8	0	GDM
.....ugucuuaucuccucaggc.....	8	0	GDM
.....ugucuuaucuccucaggU.....	2	1	GDM
.....ugucuuaucuccucaggca.....	8	0	GDM
.....ugucuuaucuccucaggca.....	8	0	GDM
.....ugucuuaucuccucaggca.....	8	0	GDM
.....ugucuuaucuccucaggUa.....	1	1	GDM
.....ugucuuaucuccucaggcac.....	10	0	GDM
.....ugucuuaucuccucaggcac.....	10	0	GDM
.....ugucuuaucuccucaggcac.....	10	0	GDM
.....ugucCuacuccucaggcaca.....	1	1	GDM
.....ugCcuuaucuccucaggcaca.....	5	1	GDM
.....ugucuuaucuccucaggcGca.....	1	1	GDM
.....ugCcuuaucuccucaggcaca.....	5	1	GDM
.....ugucuuaucuccucaggcaca.....	3	1	GDM
.....ugucuuaucuccucaggUaca.....	1	1	GDM
.....ugucuUucuccucaggcaca.....	1	1	GDM
.....ugucuuaucuccucaggcacU.....	1	1	GDM
.....ugucuuaucuccucaggcaca.....	92	0	GDM
.....ugucuuaucuccucaggcaca.....	92	0	GDM
.....ugucuuaucuccucaggcUca.....	1	1	GDM
.....ugucuuaucuccucaggcaca.....	92	0	GDM
.....ugucuuaucuccucaggcacG.....	1	1	GDM
.....ugucuuaucAcucaggcaca.....	3	1	GDM
.....ugucuuaucuccucaggcacaC.....	2	1	GDM
.....ugucuuaucuccucaggcacaU.....	15	0	GDM
.....ugucuuaucuccucaggcacaU.....	15	0	GDM
.....ugucuuaucuccucaggcacaA.....	2	1	GDM
.....ugucuuaucuccucaggcacaC.....	2	1	GDM
.....ugucuuaucCuccucaggcacaU.....	1	1	GDM
.....ugucuuaucuccucaggcacaU.....	15	0	GDM
.....gucuuaucuccucaggca.....	1	0	GDM
.....gucuuaucuccucaggcaca.....	1	0	GDM
.....gucuuaucuccucaggcacaC.....	1	1	GDM
.....gucuuaucuccucaggcacaU.....	3	0	GDM
.....gucuUucuccucaggcacaU.....	1	1	GDM
.....gucuuaucuccucaggcacaU.....	3	1	GDM
.....ucuuaucuccucaggcacaU.....	1	1	GDM
.....ucuuaucuccucaggcacauc.....	2	0	GDM
.....cagugccugaggaguaagagu.....	3	0	Z1_
.....agugccugaggaguaag.....	15	0	Z1_
.....agugccugaggaguaaA.....	1	1	Z1_
.....agugccugaggaguaaaga.....	22	0	Z1_
.....agugccugagggaAuaaga.....	1	1	Z1_
.....agugccugaggaguaagag.....	9	0	Z1_
.....agugccugGgggaguaagag.....	1	1	Z1_
.....agugccugaggUaguaagagu.....	1	1	Z1_
.....agugccugaggGguaagagu.....	2	1	Z1_
.....agCgccugaggaguaagagu.....	1	1	Z1_
.....agugAcugaggaguaagagu.....	1	1	Z1_
.....Ggugccugaggaguaagagu.....	1	1	Z1_
.....agugccugaggaguaagagA.....	9	1	Z1_
.....agugccugaggaguaagagu.....	67	0	Z1_
.....agugccugGgggaguaagagu.....	1	1	Z1_
.....agugccugaggaguaagaguc.....	2	0	Z1_
.....agugccugaggaguaagaguU.....	1	1	Z1_
.....gugccugaggaguaagag.....	2	0	Z1_

gaugcuuugcuggcuggugcagugccugaggggaguaagaguccuguuuguuaagauagugucuuaucucccucaggcacauuccaacaagucuc

. . . . .gugccugagggaguaagagu. . . . .	1	0	Z1_
. . . . .ugccugagggaguaagaA. . . . .	1	1	Z1_
. . . . .ugccugagggaguaagagu. . . . .	13	0	Z1_
. . . . .Cgccugagggaguaagagu. . . . .	1	1	Z1_
. . . . .ugccugagggaguaagaguc. . . . .	4	0	Z1_
. . . . .ugucuuaucucccucaggc. . . . .	3	0	Z1_
. . . . .ugucuuaucucccucaggca. . . . .	2	1	Z1_
. . . . .ugucuuaucucccucaggca. . . . .	11	0	Z1_
. . . . .ugucuuaucucccAcaggcaca. . . . .	1	1	Z1_
. . . . .ugucuuaucucccucaggcacG. . . . .	2	1	Z1_
. . . . .ugucuuaucucccucaggcaca. . . . .	1	1	Z1_
. . . . .ugucuuaucucccucaggcacC. . . . .	1	1	Z1_
. . . . .ugucAuaucucccucaggcaca. . . . .	1	1	Z1_
. . . . .ugucuuaucuccAucaggcaca. . . . .	1	1	Z1_
. . . . .ugucuuaucucccucaggcaca. . . . .	62	0	Z1_
. . . . .ugucuuaucucccucaggcacau. . . . .	8	0	Z1_
. . . . .uAucuaucucccucaggcacau. . . . .	1	1	Z1_
. . . . .ugucuuaucucccucaggcacaC. . . . .	1	1	Z1_
. . . . .gucuuaucucccucaggcacaC. . . . .	1	1	Z1_
. . . . .gucuuaucucccucaggcacaCc. . . . .	1	1	Z1_
. . . . .cagugccugagggaguaagagu. . . . .	1	0	Z2_
. . . . .agugccugagggaguaaag. . . . .	5	0	Z2_
. . . . .agugccugagggaguaaga. . . . .	2	0	Z2_
. . . . .Ggugccugagggaguaaga. . . . .	1	1	Z2_
. . . . .agugccugagggGguaaga. . . . .	1	1	Z2_
. . . . .Ggugccugagggaguaagag. . . . .	1	1	Z2_
. . . . .agugccugagggaguaagag. . . . .	8	0	Z2_
. . . . .agugccugagggaguaagaA. . . . .	1	1	Z2_
. . . . .agugccugagggaguaagagu. . . . .	19	0	Z2_
. . . . .Ggugccugagggaguaagagu. . . . .	1	1	Z2_
. . . . .agugccugagggGguaagagu. . . . .	1	1	Z2_
. . . . .agugccugagggaguaagagA. . . . .	1	1	Z2_
. . . . .gugccugagggaguaagagu. . . . .	4	0	Z2_
. . . . .gugccugagggaguaagaguU. . . . .	1	1	Z2_
. . . . .ugccugagggaguaagagu. . . . .	1	0	Z2_
. . . . .ugccugagggaguaagaguc. . . . .	3	0	Z2_
. . . . .gugucuuaucucccucaggca. . . . .	1	0	Z2_
. . . . .ugucuuaucucccucaggca. . . . .	2	0	Z2_
. . . . .ugucuuaucucccucaggcaU. . . . .	2	1	Z2_
. . . . .ugucuuaucucccucaggcac. . . . .	3	0	Z2_
. . . . .ugucuuaucucccucaggUaca. . . . .	1	1	Z2_
. . . . .ugucuuaucucccucaggcacA. . . . .	1	1	Z2_
. . . . .ugucuuaucucccucaggcaca. . . . .	21	0	Z2_
. . . . .ugucuuaucucccucaggcaca. . . . .	1	1	Z2_
. . . . .ugucuuaucucccucaggcacau. . . . .	2	0	Z2_
. . . . .ugucuuaucucccucaggcacauC. . . . .	1	0	Z2_
. . . . .ugucuuaucucccucaggcacauU. . . . .	4	1	Z2_
. . . . .ugucuuaucucccucaggcacauA. . . . .	2	1	Z2_
. . . . .gucuuaucucccucaggca. . . . .	1	0	Z2_
. . . . .gucuuaucucccucaggcaca. . . . .	2	0	Z2_
. . . . .cagugccugagggaguaagagu. . . . .	8	0	Z3_
. . . . .agugccugagggaguaaga. . . . .	2	0	Z3_
. . . . .agugccugagggaguaagag. . . . .	8	0	Z3_
. . . . .agugccugagggaguaagagA. . . . .	9	1	Z3_
. . . . .agugccugagggaguaagGgu. . . . .	1	1	Z3_
. . . . .agugccugagggaguaagagu. . . . .	27	0	Z3_
. . . . .gugccugagggaguaagag. . . . .	1	0	Z3_
. . . . .ugccugagggaguaagagu. . . . .	6	0	Z3_
. . . . .ugccugagggaguaagagucc. . . . .	4	0	Z3_
. . . . .gugucuuaucucccucaggca. . . . .	2	0	Z3_
. . . . .ugucuuaucucccucaggca. . . . .	1	0	Z3_
. . . . .ugucuuaucucccucaggcaU. . . . .	1	1	Z3_
. . . . .ugucuuaucucccucaggcaca. . . . .	24	0	Z3_
. . . . .ugucuuaucucccucaggcaca. . . . .	2	1	Z3_
. . . . .ugucuuaucucccucaggcacau. . . . .	3	0	Z3_
. . . . .ugucuuaucucccucaggcacauU. . . . .	1	1	Z3_
. . . . .gucuuaucucccucaggcacau. . . . .	1	0	Z3_

hsa-miR-550a-3-5p

hsa-miR-550a-3p

gaugcuuugcuggcuggugcagugccugagggaguaagaguccuguuguuagauagugucuuacucccucaggcacaucuccaacaagucuc