



hsa-miR-99a-5p

cccauggcauaaaccccguagauccgaucuuggugaaguggaccgccaagcucgcuucuagggucugucagagug

.....aacccguUg <u>auccg</u> auc <u>u</u> gu.....	2	1	Z1_
.....aacccgua <u>A</u> u <u>acccg</u> auc <u>u</u> gu.....	6	1	Z1_
.....aacccguag <u>auccg</u> auc <u>G</u> gu.....	8	1	Z1_
.....aacccguag <u>au</u> U <u>cg</u> auc <u>u</u> gu.....	2	1	Z1_
.....aacccguG <u>auccg</u> auc <u>u</u> gu.....	8	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gu.....	5	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gG.....	12	1	Z1_
.....aac <u>U</u> g <u>auccg</u> auc <u>u</u> gu.....	5	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> u <u>A</u> .....	4	1	Z1_
.....aacccguag <u>aucc</u> A <u>u</u> cu <u>u</u> gu.....	4	1	Z1_
.....aacccgA <u>ag</u> auc <u>u</u> gu.....	1	1	Z1_
.....aacccgG <u>ag</u> auc <u>u</u> gu.....	1	1	Z1_
.....aacccgC <u>ag</u> auc <u>u</u> gu.....	6	1	Z1_
.....aacccguag <u>auccg</u> auc <u>C</u> gu.....	3	1	Z1_
.....aG <u>cccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	11	1	Z1_
.....aacccguag <u>auccg</u> au <u>U</u> u <u>u</u> gu.....	3	1	Z1_
.....aacccguag <u>auccg</u> auc <u>A</u> gu.....	5	1	Z1_
.....aac <u>A</u> uag <u>auccg</u> auc <u>u</u> gu.....	6	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gA.....	77	1	Z1_
.....aacccguag <u>auccg</u> Gu <u>cu</u> gu.....	9	1	Z1_
.....aC <u>cccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	1	1	Z1_
.....aacccguaC <u>auccg</u> auc <u>u</u> gu.....	2	1	Z1_
.....aa <u>Accg</u> uag <u>auccg</u> auc <u>u</u> gu.....	1	1	Z1_
.....aac <u>U</u> cg <u>auccg</u> auc <u>u</u> gu.....	3	1	Z1_
.....aacccguag <u>aucc</u> C <u>au</u> cu <u>u</u> gu.....	1	1	Z1_
.....aacccCuag <u>auccg</u> auc <u>u</u> gu.....	1	1	Z1_
.....aacccguag <u>auccg</u> auG <u>cu</u> gu.....	3	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gC.....	243	1	Z1_
.....aacccguag <u>aucc</u> U <u>au</u> cu <u>u</u> gu.....	1	1	Z1_
.....aac <u>A</u> guag <u>auccg</u> auc <u>u</u> gu.....	3	1	Z1_
.....aac <u>U</u> uag <u>auccg</u> auc <u>u</u> gu.....	1	1	Z1_
.....C <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	2	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> guA.....	19	1	Z1_
.....aacccguag <u>auccg</u> Gu <u>cu</u> gu <u>g</u> .....	3	1	Z1_
.....aacccgA <u>ag</u> auc <u>u</u> gu <u>g</u> .....	1	1	Z1_
.....aacccguaA <u>auccg</u> auc <u>u</u> gu <u>g</u> .....	1	1	Z1_
.....aacccguag <u>auccg</u> auG <u>cu</u> gu <u>g</u> .....	5	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> guC.....	1	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gu <u>g</u> .....	170	0	Z1_
.....aacccguagaC <u>ccg</u> auc <u>u</u> gu <u>g</u> .....	3	1	Z1_
.....U <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gu <u>g</u> .....	4	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gC <u>g</u> .....	2	1	Z1_
.....aacccguag <u>auccg</u> auc <u>C</u> gu <u>g</u> .....	1	1	Z1_
.....G <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gu <u>g</u> .....	6	1	Z1_
.....aac <u>U</u> g <u>auccg</u> auc <u>u</u> gu <u>g</u> .....	1	1	Z1_
.....aacccguag <u>au</u> U <u>cg</u> auc <u>u</u> gu <u>gg</u> .....	1	1	Z1_
.....aacccguag <u>auccg</u> auc <u>C</u> gu <u>gg</u> .....	1	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gu <u>g</u> A.....	913	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gu <u>gg</u> .....	13	0	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> guA <u>g</u> .....	2	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gu <u>g</u> U.....	116	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gu <u>g</u> C.....	12	1	Z1_
.....aacccguag <u>u</u> cc <u>g</u> auc <u>u</u> gu <u>gg</u> .....	1	1	Z1_
.....aacccguag <u>auccg</u> auc <u>u</u> gu <u>g</u> A <u>u</u> .....	2	1	Z1_
.....a <u>cccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	2	0	Z1_
.....c <u>ccg</u> uag <u>auccg</u> auc <u>u</u> guC.....	1	1	Z1_
.....Ca <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	1	1	Z2_
.....aa <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gA.....	9	1	Z2_
.....aa <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gC.....	9	1	Z2_
.....aG <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	1	1	Z2_
.....aaG <u>cccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	1	1	Z2_
.....aa <u>acccg</u> uag <u>auccg</u> auc <u>u</u> gu.....	53	0	Z2_
.....aa <u>acccg</u> uag <u>auccg</u> auC <u>u</u> gu.....	2	1	Z2_
.....a <u>acccg</u> uag <u>auccg</u> auc <u>u</u> .....	2	0	Z2_
.....a <u>acccg</u> uag <u>auccg</u> auc <u>u</u> g.....	21	0	Z2_
.....aG <u>cccg</u> uag <u>auccg</u> auc <u>u</u> g.....	3	1	Z2_
.....a <u>acccg</u> uag <u>auccg</u> auc <u>u</u> uA.....	1	1	Z2_
.....a <u>acccg</u> uag <u>auccg</u> auc <u>u</u> uCu.....	4	1	Z2_

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cccauggcauaaacccguagauccgauccuguggaaguggaccgcacaagcugccucuuaggugcugugucagug

.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> A <u>u</u> g.....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	1537	0	Z2_
.....aacc <u>cg</u> ua <u>ga</u> u <u>U</u> c <u>ga</u> uc <u>u</u> g.....	2	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> A.....	2	1	Z2_
.....aacc <u>cg</u> C <u>ag</u> au <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	6	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>U</u> ga <u>uc</u> u <u>u</u> g.....	3	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> a <u>C</u> u <u>u</u> g.....	20	1	Z2_
.....aacc <u>cg</u> A <u>u</u> ga <u>uc</u> cg <u>au</u> c <u>u</u> g.....	4	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> a <u>G</u> u <u>u</u> g.....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>C</u> au <u>c</u> u <u>u</u> g.....	3	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> A <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	2	1	Z2_
.....aacc <u>U</u> ga <u>uc</u> cg <u>au</u> c <u>u</u> g.....	5	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> C <u>g</u> .....	9	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> A.....	37	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> G.....	123	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> G <u>u</u> .....	1	1	Z2_
.....aacc <u>cg</u> G <u>ag</u> au <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	2	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> C <u>u</u> g.....	3	1	Z2_
.....U <u>acc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g.....	3	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> C <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	6	1	Z2_
.....aac <u>U</u> c <u>g</u> ua <u>uc</u> cg <u>au</u> c <u>u</u> g.....	5	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>C</u> A <u>u</u> c <u>u</u> g.....	1	1	Z2_
.....aacc <u>cg</u> ua <u>g</u> u <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	10	1	Z2_
.....aacc <u>cg</u> u <u>G</u> ga <u>uc</u> cg <u>au</u> c <u>u</u> g.....	10	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> G.....	9	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> G <u>u</u> .....	8	1	Z2_
.....aacc <u>cg</u> ua <u>A</u> u <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	2	1	Z2_
.....aa <u>A</u> cc <u>g</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	1	1	Z2_
.....aacc <u>cg</u> ua <u>U</u> au <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	2	1	Z2_
.....G <u>acc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g.....	27	1	Z2_
.....a <u>G</u> cc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	20	1	Z2_
.....C <u>acc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g.....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> G <u>g</u> .....	3	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> C <u>g</u> u <u>g</u> .....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> gA.....	15	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> G <u>u</u> .....	1	1	Z2_
.....aC <u>cc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g <u>g</u> .....	1	1	Z2_
.....G <u>acc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g <u>g</u> .....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> a <u>G</u> u <u>u</u> g <u>g</u> .....	2	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> gU.....	1	1	Z2_
.....aacc <u>cg</u> ua <u>g</u> u <u>cc</u> ga <u>uc</u> u <u>u</u> g <u>g</u> .....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> u <u>U</u> c <u>ga</u> uc <u>u</u> g <u>g</u> .....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g <u>g</u> .....	115	0	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> a <u>C</u> u <u>u</u> g <u>g</u> .....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g <u>g</u> C.....	15	1	Z2_
.....U <u>acc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g <u>g</u> .....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g <u>g</u> .....	13	0	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> gA.....	794	1	Z2_
.....aacc <u>cg</u> ua <u>g</u> u <u>cc</u> ga <u>uc</u> u <u>u</u> g <u>g</u> .....	1	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g <u>g</u> U.....	61	1	Z2_
.....aacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g <u>g</u> A.....	5	1	Z2_
.....cc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> gA.....	3	1	Z2_
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> .....	2	0	GDM
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	4	0	GDM
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	4	0	GDM
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	4	0	GDM
.....aaC <u>cc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g.....	1	1	GDM
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> G.....	6	1	GDM
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> G.....	1	1	GDM
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	128	0	GDM
.....aaacc <u>C</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> u <u>u</u> g.....	1	1	GDM
.....aG <u>acc</u> cg <u>ua</u> g <u>au</u> cc <u>ga</u> uc <u>u</u> g.....	2	1	GDM
.....aaacc <u>cg</u> ua <u>ga</u> C <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	1	1	GDM
.....aaacc <u>cg</u> ua <u>ga</u> uc <u>cg</u> au <u>c</u> C <u>g</u> .....	1	1	GDM
.....aaacc <u>cg</u> C <u>ag</u> au <u>cc</u> ga <u>uc</u> u <u>u</u> g.....	1	1	GDM

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cccauuggcauaaaccccguagauccgaucuuguggugaaguggaccgcacaagcucgcuucaugggucugugucagugug

.....aa <u>cccgua</u> g <u>auccgaucuu</u> GA.....	1	1	GDM
.....Ca <u>cccgua</u> g <u>auccgaucuu</u> GU.....	3	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> .....	128	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> .....	128	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GC.....	6	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU <u>GA</u> .....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> .....	8	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> .....	8	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> .....	1	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> A.....	5	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aC <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> A.....	5	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	4	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	114	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> A.....	5	1	GDM
.....G <u>acccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aG <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	114	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	114	0	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	14	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU <u>GA</u> .....	174	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	17	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	17	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	3	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	9	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	17	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	20	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	9	1	GDM
.....aU <u>cccgua</u> g <u>auccgaucuu</u> GU.....	4	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	18	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	7	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	30	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	7	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	18	1	GDM
.....Ca <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	9	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	3	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	18	1	GDM
.....aG <u>cccgua</u> g <u>auccgaucuu</u> GU.....	36	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	10	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	4	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	9	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	3	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	11	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	10	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	10	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	18	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	41	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	382	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	1	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	2	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	41	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	4	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	14	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	3	1	GDM
.....aa <u>cccgua</u> g <u>auccgaucuu</u> GU.....	4	1	GDM
.....G <u>acccgua</u> g <u>auccgaucuu</u> GU.....	58	1	GDM

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cccauuggcauaaacccguagauccgaucuuuggugaaguggaccgcacaagcucgcuucuaugggucugugucagugug

.....GaccCGuagauccgaucuuGU.....	58	1	GDM
.....aaccAuaGauccgaucuuGU.....	2	1	GDM
.....aacCCuagaCccgaucuuGU.....	17	1	GDM
.....aacCCuagauccgaucuuGA.....	174	1	GDM
.....aacUguagauccgaucuuGU.....	11	1	GDM
.....aacCCuagauccgaucuuGC.....	382	1	GDM
.....aGccCGuagauccgaucuuGU.....	36	1	GDM
.....aacCCuagauccUaucuuGU.....	1	1	GDM
.....aacCCuagauccgaucuuGG.....	41	1	GDM
.....aUccCGuagauccgaucuuGU.....	4	1	GDM
.....aacCCuagauccGucuuGU.....	17	1	GDM
.....aaUccGuagauccgaucuuGU.....	4	1	GDM
.....UaccCGuagauccgaucuuGU.....	11	1	GDM
.....aacCCuagauccgaCcuuuGU.....	30	1	GDM
.....aacCCuagauccgaucuuGU.....	4403	0	GDM
.....aacCCuagauccgauGUuuGU.....	1	1	GDM
.....aacCCuagauccgaCcuuuGU.....	30	1	GDM
.....aacCCuagauccgaucuuUu.....	2	1	GDM
.....aacCCuagauccgaucuaGU.....	4	1	GDM
.....aacCCuagauccgaucuuGU.....	4403	0	GDM
.....aGccCGuagauccgaucuuGU.....	36	1	GDM
.....aacCCUuagauccgaucuuGU.....	2	1	GDM
.....aacCCuagGuccgaucuuGU.....	18	1	GDM
.....aacCCuagauUcgaucuuGU.....	9	1	GDM
.....aacCCUuagauccgaucuuGU.....	2	1	GDM
.....aacCCuagauccgaucuuGC.....	382	1	GDM
.....aacUcGuagauccgaucuuGU.....	9	1	GDM
.....aacCCguCgaucgaucuuGU.....	2	1	GDM
.....aacCCuagauUcgaucuuGU.....	9	1	GDM
.....aacCCguUgauccgaucuuGU.....	7	1	GDM
.....aacCCuagauUcgaucuuGU.....	7	1	GDM
.....aacCCuagauccgaucuaGU.....	7	1	GDM
.....aacCCgGagauccgaucuuGU.....	3	1	GDM
.....aacCCuagauccAaucuuGU.....	6	1	GDM
.....aacCCguaAaucgaucuuGU.....	5	1	GDM
.....aacCCuagaAccgaucuuGU.....	1	1	GDM
.....aUccCGuagauccgaucuuGU.....	4	1	GDM
.....aacCCguGgaucgaucuuGU.....	14	1	GDM
.....aacUgUagauccgaucuuGU.....	11	1	GDM
.....aacCCguaAaucgaucuuGU.....	5	1	GDM
.....aacCCuagauccgauUuuGU.....	10	1	GDM
.....aacCCuagauAcgaucuuGU.....	3	1	GDM
.....GaccCGuagauccgaucuuGU.....	58	1	GDM
.....aacCCgCagaucgaucuuGU.....	9	1	GDM
.....aacUcGuagauccgaucuuGU.....	9	1	GDM
.....aacCCuagauccgaucCuGU.....	20	1	GDM
.....aacCCgGagaucgaucuuGU.....	3	1	GDM
.....aacCCuagUuccgaucuuGU.....	2	1	GDM
.....UaccCGuagauccgaucuuGU.....	11	1	GDM
.....aacCCuagauUcgaucuuGU.....	7	1	GDM
.....aacCCuagauccgaucCuGU.....	20	1	GDM
.....aacCCuagauccgaGcuuuGU.....	1	1	GDM
.....aacCCuagaCccgaucuuGU.....	17	1	GDM
.....aacCCuagauccgaucuuGU.....	4403	0	GDM
.....aacCCguUgauccgaucuuGU.....	7	1	GDM
.....aacCCguaAaucgaucuuGU.....	5	1	GDM
.....aacCCuagauccgaucCuGU.....	18	1	GDM
.....aacCCuagauccgauUuuGU.....	10	1	GDM
.....aacCCuagauccgaucuaGU.....	4	1	GDM
.....UaccCGuagauccgaucuuGU.....	11	1	GDM
.....aacCCuagauccAaucuuGU.....	6	1	GDM
.....aacCCuagauccgaucuaGU.....	4	1	GDM
.....aacCCuagauccgaucuuGA.....	174	1	GDM
.....aacCAguagauccgaucuuGU.....	1	1	GDM
.....aacCCuagauccgaucuuGA.....	30	1	GDM
.....aacCCuagauccgauAuuGUG.....	1	1	GDM
.....aacCCuagauccgaucCuGUG.....	1	1	GDM
.....aacCCuagauccgaucuuGUG.....	248	0	GDM
.....aaUccGuagauccgaucuuGUG.....	1	1	GDM

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cccauuggcauaaacccguagauccgaucuuuguggugaaguggaccgcaaacgcuucgcuucuaugggucugugucagugug

.....aacccguagauccgaucCgug.....	2	1	GDM
.....aacccguagauccgaGcuugug.....	2	1	GDM
.....aacAcguagauccgaucuuugug.....	2	1	GDM
.....aacccguagauccgGucuuugug.....	2	1	GDM
.....aacccguagauccgaCcuugug.....	3	1	GDM
.....aacccguagauccgaucuuuguA.....	30	1	GDM
.....aacccguagauccgaucuuuguU.....	3	1	GDM
.....aacccguagauccgaucuuuguC.....	1	1	GDM
.....aacccguagauccgaucuuugGg.....	20	1	GDM
.....aacccguagauccgaucuuugug.....	248	0	GDM
.....aacAcguagauccgaucuuugug.....	2	1	GDM
.....aacccguagGuccgaucuuugug.....	1	1	GDM
.....aacccguagaGccgaucuuugug.....	1	1	GDM
.....aacUcguagauccgaucuuugug.....	2	1	GDM
.....Gaccguagauccgaucuuugug.....	4	1	GDM
.....aacccguagauccgaucuuuguA.....	30	1	GDM
.....aacccAuagauccgaucuuugug.....	1	1	GDM
.....aacccguagauccgGucuuugug.....	2	1	GDM
.....aaccccgCagaucgggaucuuugug.....	3	1	GDM
.....Gaccguagauccgaucuuugug.....	4	1	GDM
.....aacccguagauccgaucuuuguU.....	3	1	GDM
.....aaAcguagauccgaucuuugug.....	1	1	GDM
.....aacccguagauccgaGcuugug.....	2	1	GDM
.....aacccguagauccgaucuuugug.....	248	0	GDM
.....aaccccgCagaucgggaucuuugug.....	3	1	GDM
.....Gaccguagauccgaucuuugug.....	4	1	GDM
.....aacccguagauccgaucuuugugg.....	23	0	GDM
.....aacccguagauccgaucuuugugA.....	1483	1	GDM
.....aacccguagauccgaucuuugugU.....	164	1	GDM
.....aacccguagauccgaucuuugugC.....	18	1	GDM
.....aacccguagauccgaucuuugugA.....	1483	1	GDM
.....aacccguagauccgaucuuugugA.....	1483	1	GDM
.....aacccguagauccgaucuuugugg.....	23	0	GDM
.....aacccguagauccgaucuuuguAg.....	1	1	GDM
.....aacccguagauccgaucuuugugg.....	23	0	GDM
.....aacccguagauccgaucuuugugC.....	18	1	GDM
.....aacccguagauccgaucuuugugC.....	18	1	GDM
.....aacccguagauccgaucuuugCgg.....	3	1	GDM
.....aacccguagauccgaucuuugugU.....	164	1	GDM
.....aacccguagauccgaucuuugugU.....	164	1	GDM
.....aacccguagauccgaucuuugugAu.....	7	1	GDM
.....aacccguagauccgaucuuuguggA.....	2	1	GDM
.....aacccguagauccgaucuuuguggA.....	2	1	GDM
.....accguagauccgaucuuugu.....	2	0	GDM
.....aGccguagauccgaucuuugu.....	1	1	GDM
.....accguagauccgaucuuugugA.....	4	1	GDM
.....caagcuucgcuucuaugggCcuugu.....	1	1	GDM
.....uCaaccguagauccgaucuuugu.....	2	1	Z3_
.....aaaccguagauccgaucuuugu.....	25	0	Z3_
.....Caaccguagauccgaucuuugu.....	2	1	Z3_
.....aaaccguagauccgaucuuuguA.....	1	1	Z3_
.....aaaccguagauccgaucuuuguC.....	1	1	Z3_
.....aaaccguagauccgaucuuuguA.....	1	1	Z3_
.....aacccguagauccgaucuu.....	1	0	Z3_
.....aacccguagauccgaCcuug.....	1	1	Z3_
.....aGccguagauccgaucuuug.....	1	1	Z3_
.....aacccguagauccgaucuuuA.....	1	1	Z3_
.....Gaccguagauccgaucuuug.....	1	1	Z3_
.....aacccguagauccgaucuuug.....	27	0	Z3_
.....aCccguagauccgaucuuugu.....	1	1	Z3_
.....aacccguaaauccgaucuuugu.....	3	1	Z3_
.....aacccguagGuccgaucuuugu.....	8	1	Z3_
.....aacccguagauccgauguuugu.....	2	1	Z3_
.....aacccguagauUcgaucuuugu.....	1	1	Z3_
.....aacccguagauccgaucuuCgu.....	2	1	Z3_
.....aGccguagauccgaucuuugu.....	1	1	Z3_
.....aacccguagauccgaucuuugG.....	1	1	Z3_
.....Uaccguagauccgaucuuugu.....	2	1	Z3_

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cccauuggcauaaacccguagauccgaucuuuguggugaaguggaccgcacaagcucgcuucuaugggucugugucagugug

.....aacccguagauccgaucuuug.....	898	0	Z3_
.....aacccguagauccgaucuuugC.....	90	1	Z3_
.....aacccguagauccAaucuuug.....	3	1	Z3_
.....aacccguagauccgaucuuGgu.....	2	1	Z3_
.....aacccguauAaucgaucuuug.....	2	1	Z3_
.....aacccguagaCccgaucuuug.....	9	1	Z3_
.....aacAcgauagauccgaucuuug.....	1	1	Z3_
.....Gaccguagauccgaucuuug.....	16	1	Z3_
.....aacUguagauccgaucuuug.....	3	1	Z3_
.....aacccguagauccgaCcuug.....	7	1	Z3_
.....aacccgCagauccgaucuuug.....	4	1	Z3_
.....aacccguagauccgGucuuug.....	3	1	Z3_
.....aacccguagauccGgaucuuug.....	2	1	Z3_
.....aacccguagauccgaucuuCu.....	3	1	Z3_
.....aacccguagauccUgaucuuug.....	6	1	Z3_
.....aacccguagauccgaucuuAu.....	1	1	Z3_
.....aacccguGgaucgaucuuug.....	2	1	Z3_
.....aacccguagauccgaucuuAgu.....	2	1	Z3_
.....aacccguagauccgaucCugu.....	5	1	Z3_
.....aacccguagauccUaucuuug.....	1	1	Z3_
.....aacccguagauccgaucuuugA.....	35	1	Z3_
.....aacccguagaCccgaucuuugug.....	4	1	Z3_
.....aacccguagauccgaucuuugA.....	7	1	Z3_
.....aaUccguagauccgaucuuugug.....	2	1	Z3_
.....aacccguagauccgaucCugug.....	1	1	Z3_
.....aacccguagauccgaGcuugug.....	1	1	Z3_
.....Gaccguagauccgaucuuugug.....	2	1	Z3_
.....aacccguagauccgaucuuugug.....	34	0	Z3_
.....aacccguagauccgaucCgug.....	1	1	Z3_
.....aacccguagauccgaucuuugugC.....	5	1	Z3_
.....aacccguagauccgaucuuugugA.....	307	1	Z3_
.....aacccguagauccgaucuuugugg.....	7	0	Z3_
.....aacccguagauccgaucuuugugU.....	23	1	Z3_
.....aacccguagauccgaucuuuguggA.....	1	1	Z3_
.....aacccguagauccgaucuuugugAu.....	4	1	Z3_
.....aacAguagauccgaucuuuguggu.....	1	1	Z3_