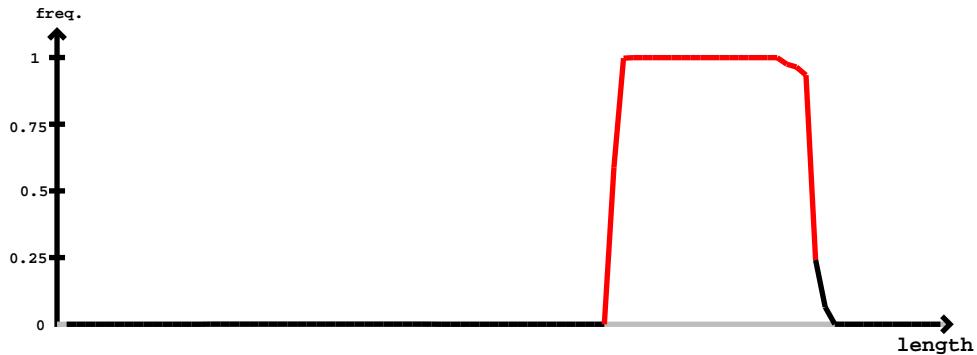


```
miRBase precursor      : hsa-mir-4473
Total read count       : 6215
hsa-miR-4473 read count : 6212
remaining reads        : 3
```



	hsa-miR-4473	-3'	exp	
		reads	mm	sample
5'- aaggAACAGGGCACACUUGUAUAGGAGAACACUAAGCUAUGGACUGCUAUGGACUG <u>cuagugcucucgguuacaaguauccccuguuaccu</u>	.....(((((((((.(((((((((.(((((((((....))))))).))).))).))).))).))).))).))).))).))).))).))).))).)))	1	1	Z3_-
.....acuuUGUAUAGGAGAACACUAAGC.....	.....cuagugcucucgguuaca.....	7	0	Z3_-
.....cuUgugcucucgguuaca.....	.....cuagugcucucgguuaca.....	1	1	Z3_-
.....cuagugcucucgguuaca.....	.....cuagugcucucgguuaca.....	2	0	Z3_-
.....cuagugcucucgguuacaag.....	.....cuagugcucucgguuacaag.....	3	0	Z3_-
.....cuagugcucucgguuacGag.....	.....cuagugcucucgguuacGag.....	1	1	Z3_-
.....cuagugcucucggCuacaagu.....	.....cuagugcucucggCuacaagu.....	1	1	Z3_-
.....cuGgugcucucgguuacaagu.....	.....cuagugcucucgguuacaagu.....	1	1	Z3_-
.....cuagugcucucgguuacaagC.....	.....cuagugcucucgguuacaagC.....	6	1	Z3_-
.....cuagugcucucgguuacaagA.....	.....cuagugcucucgguuacaagA.....	3	1	Z3_-
.....cuagugCcuccgguuacaagu.....	.....cuagugCcuccgguuacaagu.....	3	1	Z3_-
.....cuagugcucCccgguuacaagu.....	.....cuagugcucCccgguuacaagu.....	1	1	Z3_-
.....cuagugcucucAiuaacaagu.....	.....cuagugcucucAiuaacaagu.....	2	1	Z3_-
.....cuagugcucucAguuacaagu.....	.....cuagugcucucAguuacaagu.....	1	1	Z3_-
.....cuagugcucucgguuacaagu.....	.....cuagugcucucgguuacaagu.....	125	0	Z3_-
.....cuagCgcucucgguuacaagu.....	.....cuagCgcucucgguuacaagu.....	1	1	Z3_-
.....cuagGgcucucgguuacaagu.....	.....cuagGgcucucgguuacaagu.....	1	1	Z3_-
.....cuagugcucucgguuacaaguG.....	.....cuagugcucucgguuacaaguG.....	5	1	Z3_-
.....cuagugcucucgguuacaagu.....	.....cuagugcucucgguuacaagu.....	11	0	Z3_-
.....cuagugcucucgguuacaaguU.....	.....cuagugcucucgguuacaaguU.....	4	1	Z3_-
.....cuagugcucucgguuacaaguA.....	.....cuagugcucucgguuacaaguA.....	2	1	Z3_-
.....cuagugcucucgguuacaaguau.....	.....cuagugcucucgguuacaaguau.....	12	0	Z3_-
.....uagugcucucgguuacaag.....	.....uagugcucucgguuacaag.....	2	0	Z3_-
.....uagCgcucucgguuacaag.....	.....uagCgcucucgguuacaag.....	2	1	Z3_-
.....Cagugcucucgguuacaagu.....	.....Cagugcucucgguuacaagu.....	1	1	Z3_-
.....uagugcucucgguuacaagu.....	.....uagugcucucgguuacaagu.....	65	0	Z3_-
.....uagugcucucggCuacaagu.....	.....uagugcucucggCuacaagu.....	2	1	Z3_-
.....uaguAcucucgguuacaagu.....	.....uaguAcucucgguuacaagu.....	3	1	Z3_-
.....uagugcucucgguuacaagC.....	.....uagugcucucgguuacaagC.....	4	1	Z3_-
.....uagAgcucucgguuacaagu.....	.....uagAgcucucgguuacaagu.....	1	1	Z3_-
.....uagugcucucggAuacaagu.....	.....uagugcucucggAuacaagu.....	1	1	Z3_-
.....uagugcucucggguuacaaguC.....	.....uagugcucucggguuacaaguC.....	1	1	Z3_-
.....uagugcucCccgguuacaagu.....	.....uagugcucCccgguuacaagu.....	2	1	Z3_-
.....uagugcucucggGuacaagu.....	.....uagugcucucggGuacaagu.....	3	1	Z3_-
.....uagugcucucggGuacaGgu.....	.....uagugcucucggGuacaGgu.....	3	1	Z3_-

aaggaacaggggacacuuguauuggagaacacuaagcuauggacugcuauuggacug <u>cuagugcucuccguuacaagua</u> uccccuguuaccu.....	1	1	<u>Z3</u> _
.....uagugcucuccguuacaaguU.....	29	0	<u>Z3</u> _
.....uagugcucuccguuacaaguA.....	1	1	<u>Z3</u> _
.....uagugcucuccguuacaaguA.....	7	1	<u>Z3</u> _
.....uagugcucuccguuacaaguG.....	1	1	<u>Z3</u> _
.....uagugcucuccguuacaaguC.....	1	1	<u>Z3</u> _
.....uagugcucuccguuacaaguu.....	15	0	<u>Z3</u> _
.....agugcucuccguuacaaguA.....	1	0	<u>Z3</u> _
acuuguaugga <u>Aaacacuaagc</u>	1	1	<u>Z2</u> _
.....cuagugcucuccguuacG.....	1	1	<u>Z2</u> _
.....cuagugcucuccguuaca.....	12	0	<u>Z2</u> _
.....cuag <u>G</u> cucuccguuacaa.....	3	1	<u>Z2</u> _
.....cuagugcucuccguuacaag.....	6	0	<u>Z2</u> _
.....cuagugcucuc <u>U</u> guuacaag.....	1	1	<u>Z2</u> _
.....cuagugcucuccguuac <u>Cagu</u>	1	1	<u>Z2</u> _
.....cuagugcucucc <u>A</u> uacaag.....	4	1	<u>Z2</u> _
.....cuagugcucCccguuacaag.....	1	1	<u>Z2</u> _
.....cuagugcucucc <u>A</u> uacaag.....	1	1	<u>Z2</u> _
.....cuagugcucuc <u>U</u> guuacaag.....	1	1	<u>Z2</u> _
.....cuagugcucuccguuaca <u>U</u>	1	1	<u>Z2</u> _
.....cuagu <u>A</u> cucuccguuacaagu.....	2	1	<u>Z2</u> _
.....cuagugcucuccguuacaag.....	6	1	<u>Z2</u> _
.....cu <u>U</u> gugcucuccguuacaagu.....	1	1	<u>Z2</u> _
.....cuagugcCcuccguuacaagu.....	3	1	<u>Z2</u> _
.....cuagugcucuccguuacaagC.....	20	1	<u>Z2</u> _
.....cuagugcucuccguuacaagu.....	372	0	<u>Z2</u> _
.....cuag <u>G</u> cucuccguuacaagu.....	1	1	<u>Z2</u> _
.....cuagugcucuccguuaca <u>G</u> u.....	2	1	<u>Z2</u> _
.....cuagugcucuccguuac <u>G</u> u.....	3	1	<u>Z2</u> _
.....cuagugcucuccguuac <u>G</u> u.....	3	1	<u>Z2</u> _
.....Auagugcucuccguuacaag.....	1	1	<u>Z2</u> _
.....cuagugcucucc <u>G</u> uacaag.....	3	1	<u>Z2</u> _
.....cuagugcucuccguuac <u>G</u> u.....	2	1	<u>Z2</u> _
.....cuagugcucuccguuaca <u>A</u> u.....	1	1	<u>Z2</u> _
.....cu <u>G</u> gugcucuccguuacaagu.....	2	1	<u>Z2</u> _
.....c <u>G</u> agugcucuccguuacaagu.....	3	1	<u>Z2</u> _
.....cuagugcucuccguuacaagu.....	59	0	<u>Z2</u> _
.....cuagugcucuccguuaca <u>Ag</u> u.....	6	1	<u>Z2</u> _
.....cuagugcucCccguuacaag.....	3	1	<u>Z2</u> _
.....cuagugcucuccguuacaag.....	5	0	<u>Z2</u> _
.....cuagugcucuccguuacaaguA.....	6	1	<u>Z2</u> _
.....uagugcucuccguuaca.....	2	0	<u>Z2</u> _
.....uagugcucucc <u>G</u> uacaag.....	2	1	<u>Z2</u> _
.....uagugcucuccguuacaag.....	8	0	<u>Z2</u> _
.....uagugcucuccguuacaagu.....	141	0	<u>Z2</u> _
.....uagugcucCccguuacaagu.....	1	1	<u>Z2</u> _
.....uag <u>A</u> gugcucuccguuacaagu.....	1	1	<u>Z2</u> _
.....uagugcucuccguuacaagG.....	1	1	<u>Z2</u> _
.....uagugcucuccguuacaagA.....	2	1	<u>Z2</u> _
.....uagugcucuccguuac <u>G</u> u.....	1	1	<u>Z2</u> _
.....uagugcucuccguuacaagC.....	8	1	<u>Z2</u> _
.....uagugcCcuccguuacaagu.....	1	1	<u>Z2</u> _
.....uagugCcuccguuacaagu.....	1	1	<u>Z2</u> _
.....uagugcucuccguuac <u>A</u> u.....	1	1	<u>Z2</u> _
.....uagugcucuccguuaca <u>A</u> u.....	1	1	<u>Z2</u> _
.....uagugcucuccguuac <u>G</u> u.....	1	1	<u>Z2</u> _
.....uagugcucuccguuacaag.....	70	0	<u>Z2</u> _
.....uagu <u>A</u> cucuccguuacaagu.....	1	1	<u>Z2</u> _
.....uagugcucuccguuG <u>caagu</u>	1	1	<u>Z2</u> _
.....uagugcucuccguuacaaguG.....	2	1	<u>Z2</u> _
.....uagugcucuccguuacaaguA.....	18	1	<u>Z2</u> _
.....uagugcucuccguuacaaguG.....	3	1	<u>Z2</u> _
.....uagugcucuccguuacaagu.....	19	0	<u>Z2</u> _
.....uagugcucuccguuacaagu <u>G</u>	2	1	<u>Z2</u> _
.....agugcucuccguuacaagu.....	5	0	<u>Z2</u> _
cuagugcucuccguuaca.....	17	0	<u>Z1</u> _
.....cu <u>G</u> gugcucuccguuaca.....	2	1	<u>Z1</u> _

aaggaacaggggacacuuguauuggagaacacuaaggcuauggacugcuau <u>ggacugcucu<u>ccguuaca<u>agua</u>ucc<u>ccu<u>guuaccu</u></u></u></u>			
.....cuagCgc <u>cucu<u>ccguuaca<u>aa</u></u></u>	2	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>aa</u></u>	16	0	Z1_-
.....cuagugcucu <u>ccguuaca<u>A</u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>ag</u></u>	13	0	Z1_-
.....cuagug <u>Cc<u>ucu<u>ccguuaca<u>aa</u></u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguu<u>Ua<u>agu</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguu<u>ac<u>Gagu</u></u></u>	5	1	Z1_-
.....cuagugcucu <u>ccguu<u>aca<u>Uu</u></u></u>	3	1	Z1_-
.....cuagugcuc <u>Cccguu<u>aca<u>agu</u></u></u>	2	1	Z1_-
.....cuagugcucu <u>ccguu<u>Ua<u>caagu</u></u></u>	2	1	Z1_-
.....cuagugc <u>Ac<u>ucu<u>ccguuaca<u>agu</u></u></u></u>	2	1	Z1_-
.....cuagugcucu <u>ccguu<u>ac<u>Cagu</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguu<u>G<u>caagu</u></u></u>	2	1	Z1_-
.....cuagugcuc <u>Accguu<u>aca<u>agu</u></u></u>	2	1	Z1_-
.....cuagug <u>C<u>ucu<u>ccguuaca<u>agu</u></u></u></u>	3	1	Z1_-
.....U <u>uagugcucu<u>ccguuaca<u>agu</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>ag<u>G</u></u></u>	4	1	Z1_-
.....cuagugcucu <u>ccguu<u>Ca<u>caagu</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguu<u>aca<u>Ggu</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguu<u>aca<u>Ugu</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu</u></u>	431	0	Z1_-
.....cuagugcucu <u>ccguu<u>G<u>uacaagu</u></u></u>	1	1	Z1_-
.....cuagCgc <u>cucu<u>ccguuaca<u>agu</u></u></u>	2	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>ag<u>C</u></u></u>	41	1	Z1_-
.....cuGgugcucu <u>ccguuaca<u>agu</u></u>	3	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>ag<u>A</u></u></u>	6	1	Z1_-
.....c <u>Agugcucu<u>ccguuaca<u>agua</u></u></u>	2	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu<u>U</u></u></u>	6	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>G<u>agua</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu<u>74</u></u></u>	74	0	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu<u>A</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu<u>A</u></u></u>	7	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>Auu</u></u>	2	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu<u>C</u></u></u>	1	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu<u>G</u></u></u>	2	1	Z1_-
.....cuagugcucu <u>ccguuaca<u>agu<u>3</u></u></u>	3	0	Z1_-
.....u <u>Ggugcucu<u>ccguuaca<u>ag<u>ag</u></u></u></u>	2	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>ag<u>14</u></u></u></u>	14	0	Z1_-
.....u <u>agugcucu<u>ccguu<u>ac<u>Gag</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>ag<u>C</u></u></u></u>	14	1	Z1_-
.....C <u>agugcucu<u>ccguuaca<u>agu</u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>ac<u>Gagu</u></u></u></u>	6	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>G<u>uacaagu</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>4</u></u></u></u>	4	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>Ca<u>caagu</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>Auu</u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>167</u></u></u></u>	167	0	Z1_-
.....u <u>Ugugcucu<u>ccguuaca<u>agu</u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>Ua<u>agu</u></u></u></u>	1	1	Z1_-
.....A <u>agugcucu<u>ccguuaca<u>agu</u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>aa<u>Cu</u></u></u></u>	1	1	Z1_-
.....u <u>agug<u>U<u>cucu<u>ccguuaca<u>agu</u></u></u></u></u>	1	1	Z1_-
.....u <u>agug<u>C<u>cucu<u>ccguuaca<u>agu</u></u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>U<u>guacaagu</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>ac<u>A<u>agu</u></u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>1</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>3</u></u></u></u>	3	1	Z1_-
.....u <u>ag<u>Agcucu<u>ccguuaca<u>agu</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>123</u></u></u></u>	123	0	Z1_-
.....u <u>ag<u>Cgc<u>cucu<u>ccguuaca<u>agu</u></u></u></u></u>	2	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>ag<u>Ca</u></u></u></u>	1	1	Z1_-
.....u <u>Ggugcucu<u>ccguuaca<u>agu</u></u></u>	1	1	Z1_-
.....C <u>agugcucu<u>ccguuaca<u>agu</u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>U</u></u></u></u>	9	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>ac<u>Uu<u>agu</u></u></u></u></u>	2	1	Z1_-
.....u <u>agugcucu<u>ccguu<u>aca<u>agu<u>C</u></u></u></u></u>	2	1	Z1_-
.....u <u>agugcuc<u>Cccguuaca<u>agu</u></u></u>	2	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>1</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>1</u></u></u></u>	1	1	Z1_-
.....u <u>agugcucu<u>ccguuaca<u>agu<u>Gu</u></u></u></u>	1	1	Z1_-

aaggaacaggggacacuuguauuggagaacacuaaggcuauggacugcuauuggacug <u>cuagugcucuccguuacaagua</u> uccccuguuaccu.....	1	1	Z1_
.....uagugcucucuccguuacaaguA.....	6	1	Z1_
.....uagugcucucuccguuacaaguA.....	43	0	Z1_
.....agugcucucuccguuacaaguA.....	3	1	Z1_
.....agugcucucuccguuacaaguG.....	1	1	Z1_
.....acuuguaauuggagaacacuaagcA.....	1	1	GDM
.....cuagugcucuccguuaca.....	111	0	GDM
.....cuagugcucuccguuaca.....	111	0	GDM
.....cuagCgcucuccguuaca.....	1	1	GDM
.....cuagugcucuccguuaca.....	111	0	GDM
.....cuGgugcucuccguuaca.....	1	1	GDM
.....cuagugcucuccAuuacaa.....	1	1	GDM
.....cuagugcucuccguuacaa.....	30	0	GDM
.....cuagugcucuGcgguuacaa.....	1	1	GDM
.....cuagugcucuccguuacaa.....	30	0	GDM
.....cuagugcucuccguuacaa.....	30	0	GDM
.....cuagugcucuccguuacaa.....	2	1	GDM
.....cuagugcucuccguuacaa.....	54	0	GDM
.....cuagugcucuccguuacaCg.....	1	1	GDM
.....cuagugcucuccguuacaag.....	54	0	GDM
.....cuagugcucuccguuacaag.....	2	1	GDM
.....cuagugcucuccguuacaGg.....	1	1	GDM
.....cuagugcucuccguuacaag.....	54	0	GDM
.....cuagugcucuccguuacaA.....	1	1	GDM
.....cCagugcucuccguuacaag.....	1	1	GDM
.....cuagugcucuccguuacaAA.....	2	1	GDM
.....cuagugcucuccguuacCagu.....	3	1	GDM
.....cuaCgcucuccguuacaagu.....	3	1	GDM
.....cuagugUucuccguuacaagu.....	1	1	GDM
.....cuagugcucuccguuacaagu.....	1546	0	GDM
.....cuagugcucuccguuacaagu.....	5	1	GDM
.....cuagugcucuccguuacaagu.....	6	1	GDM
.....cuagugcucuccguuacaagu.....	1546	0	GDM
.....cuaguAcucuccguuacaagu.....	2	1	GDM
.....cuagugcucuccguuGcaagu.....	7	1	GDM
.....cAagugcucuccguuacaagu.....	3	1	GDM
.....cuagugcucuccguuacUagu.....	4	1	GDM
.....cGagugcucuccguuacaagu.....	5	1	GDM
.....cGagugcucuccguuacaagu.....	5	1	GDM
.....cuaAugcucuccguuacaagu.....	3	1	GDM
.....cuagugcucuccguuacaCgu.....	1	1	GDM
.....cuagugcucuccguuacaGgu.....	5	1	GDM
.....cuagCgcucuccguuacaagu.....	9	1	GDM
.....cuagugcucuccggAuacaagu.....	6	1	GDM
.....cuagugcucCccguuacaagu.....	12	1	GDM
.....cuagugcucuccguuacaagu.....	5	1	GDM
.....cuaAugcucuccguuacaagu.....	3	1	GDM
.....cuagugcucuccguuacGagu.....	11	1	GDM
.....cuagugcucCccguuacaagu.....	12	1	GDM
.....cuUgugcucucuccguuacaagu.....	1	1	GDM
.....cCagugcucuccguuacaagu.....	8	1	GDM
.....cuagugcucuccguuacaagA.....	34	1	GDM
.....cuagugcucuUcgguuacaagu.....	4	1	GDM
.....cuagugcucuccguuacGagu.....	11	1	GDM
.....cuagugcucucUguuacaagu.....	1	1	GDM
.....cuagugcucuccguuacaagA.....	34	1	GDM
.....cuagugcucuccggAuacaagu.....	6	1	GDM
.....cuagugcucuccguuacaGgu.....	5	1	GDM
.....cuagugcucuccguuacaagu.....	1	1	GDM
.....cuagugcucuccguuacGagu.....	11	1	GDM
.....cuGgugcucuccguuacaagu.....	5	1	GDM
.....cuagugcCcucuccguuacaagu.....	8	1	GDM
.....cuagugcucuccguuacaagG.....	4	1	GDM
.....cuagugcucuccguuGcaagu.....	7	1	GDM
.....cuagugcucuccAuuacaagu.....	1	1	GDM
.....cuagugcucGccguuacaagu.....	1	1	GDM
.....cuagugcucuccguuacUagu.....	4	1	GDM
.....Auagugcucuccguuacaagu.....	2	1	GDM
.....cuagCgcucuccguuacaagu.....	9	1	GDM

aaggaacaggggacacuuquuauggagaacacuaaggcuauggacugcuau <u>ccgcuuacaaguaucccuuuaccu</u>	cuagugcucuc <u>ccguuacCagu</u>	3	1	GDM
.....	cuagugcucuc <u>ccguuacaagu</u>	1546	0	GDM
.....	cuagugcucuc <u>Gguuacaagu</u>	1	1	GDM
.....	cuag <u>Agcucuccguuacaagu</u>	3	1	GDM
.....	cuagug <u>Ccuccguuacaagu</u>	8	1	GDM
.....	cuag <u>Ggcucuccguuacaagu</u>	9	1	GDM
.....	cuagugcucuc <u>ccguuacaagu</u>	3	1	GDM
.....	cuagugcucuc <u>ccguuacaUgu</u>	1	1	GDM
.....	cuagugcucuc <u>ccguuacaagC</u>	111	1	GDM
.....	cuagugcucuc <u>ccguuGcaagu</u>	7	1	GDM
.....	cuagugcuc <u>Cccguuacaagu</u>	12	1	GDM
.....	cuagugcucuc <u>ccguuacaAaU</u>	4	1	GDM
.....	cuagu <u>Acucuccguuacaagu</u>	2	1	GDM
.....	cuagug <u>Aucuccguuacaagu</u>	2	1	GDM
.....	cuagugcucuc <u>ccguuacaagC</u>	111	1	GDM
.....	cuag <u>Agcucuccguuacaagu</u>	3	1	GDM
.....	cuagugcucuc <u>ccguuacaagG</u>	4	1	GDM
.....	cuagugcucuc <u>ccguuacaagG</u>	2	1	GDM
.....	cuagugcucuc <u>ccguuacaagu</u>	3	1	GDM
.....	c <u>Agugcucuc<u>ccguuacaagu</u></u>	8	1	GDM
.....	cuagugcucuc <u>ccguuacaagA</u>	34	1	GDM
.....	cuagugcucuc <u>ccguuacaagC</u>	111	1	GDM
.....	c <u>Agugcucuc<u>ccguuacaagu</u></u>	1	1	GDM
.....	cuagugcucuc <u>ccguuGcaagua</u>	1	1	GDM
.....	cuagugcucuc <u>ccguuacaaguC</u>	1	1	GDM
.....	cu <u>Ugugcucuc<u>ccguuacaagu</u></u>	1	1	GDM
.....	cuagugcucuc <u>ccguuacaaguU</u>	18	1	GDM
.....	cuagugcucuc <u>ccguuacaaguU</u>	18	1	GDM
.....	cuagugcucuc <u>ccguuacGagua</u>	2	1	GDM
.....	cuagugcuc <u>Cccguuacaagu</u>	2	1	GDM
.....	cuagugcucuc <u>ccguuacaagu</u>	193	0	GDM
.....	cuagugcuc <u>Cccguuacaagu</u>	2	1	GDM
.....	cuagugc <u>Ccucguuacaagu</u>	1	1	GDM
.....	cuagugcucuc <u>ccguuacaaguU</u>	18	1	GDM
.....	Guagugcucuc <u>ccguuacaagu</u>	1	1	GDM
.....	cuagugcucuc <u>ccguuacaagu</u>	1	1	GDM
.....	cuagugcucuc <u>ccguuuaAagua</u>	1	1	GDM
.....	cuagugcucuc <u>ccguuacGagua</u>	2	1	GDM
.....	cuagugcucuc <u>ccguuacaagu</u>	193	0	GDM
.....	cuagugcucuc <u>ccguuacaagu</u>	193	0	GDM
.....	cuagugcucuc <u>ccguuacaaguA</u>	11	1	GDM
.....	cuagugcucuc <u>ccguuacaaguG</u>	1	1	GDM
.....	cuagugcucuc <u>ccguuacaaguau</u>	1	0	GDM
.....	cuagugcucuc <u>ccguuacaaguA</u>	11	1	GDM
.....	uagugcucuc <u>ccguuacaa</u>	5	0	GDM
.....	uagugcucuc <u>ccguuacaa</u>	5	0	GDM
.....	uagugcucuc <u>ccguuacaa</u>	5	0	GDM
.....	uagugcucuc <u>ccguuacaa</u>	5	0	GDM
.....	uagugcucuc <u>ccguuacaaA</u>	3	1	GDM
.....	uagugcucuc <u>ccguuacaa</u>	65	0	GDM
.....	uagugcucuc <u>ccguuacaa</u>	65	0	GDM
.....	Aagugcucuc <u>ccguuacaag</u>	3	1	GDM
.....	uagugcucuc <u>ccguuacGag</u>	2	1	GDM
.....	uagugcucuc <u>ccguuacag</u>	65	0	GDM
.....	uagugcucuc <u>ccguuacGag</u>	2	1	GDM
.....	.uGgugcucuc <u>ccguuacaagu</u>	5	1	GDM
.....	Aagugcucuc <u>ccguuacaagu</u>	4	1	GDM
.....	uagu <u>Acucuccguuacaagu</u>	3	1	GDM
.....	uagugcucuc <u>ccguuacGagu</u>	6	1	GDM
.....	uagugcucuc <u>ccguuacaagu</u>	2	1	GDM
.....	uagugcucuc <u>ccguuacaagu</u>	783	0	GDM
.....	uagugcucuc <u>ccguuacaAaU</u>	1	1	GDM
.....	uagugcucuc <u>ccguuacGagu</u>	6	1	GDM
.....	uagugcucuc <u>ccguuacGagu</u>	1	1	GDM
.....	u <u>Cgugcucuc<u>ccguuacaagu</u></u>	2	1	GDM
.....	uagugcucuc <u>ccguuacaagA</u>	21	1	GDM
.....	uagugcucuc <u>ccguuacaGgu</u>	3	1	GDM
.....	uagugcucuc <u>ccguuacUagu</u>	4	1	GDM
.....	.Cagugcucuc <u>ccguuacaagu</u>	6	1	GDM
.....	uagugcucuc <u>ccguuacaagA</u>	21	1	GDM
.....	uagugcucuc <u>ccguuacaagC</u>	75	1	GDM

aaggaacaggggacacuuguauuggagaacacuaaggcuauggacugcuauuggacug <u>cuagugcucuccgguuacaagua</u> uccccuguuaccu.....	2	1	GDM
.....uagugcucucgguuacaUgu.....	2	1	GDM
.....uagugcucucgguuacaagu.....	4	1	GDM
.....uagugcucucgguuacaagu.....	4	1	GDM
.....uaguAcucuccgguuacaagu.....	3	1	GDM
.....uagCgcucucgguuacaagu.....	5	1	GDM
.....uagugcucCccgguuacaagu.....	3	1	GDM
.....uagugUucuccgguuacaagu.....	1	1	GDM
.....uagugcucuccgguuacaaggG.....	2	1	GDM
.....uGgugcucuccgguuacaagu.....	5	1	GDM
.....uagugcucuccgguuGcaagu.....	6	1	GDM
.....uagugcucuccgguuacGagu.....	6	1	GDM
.....uagugcucucgguuacaagu.....	2	1	GDM
.....uagugcucucUguuacaagu.....	4	1	GDM
.....uagugcucuccAuuacaagu.....	1	1	GDM
.....uagugcucuAcguuacaagu.....	1	1	GDM
.....uagugcucCccgguuacaagu.....	3	1	GDM
.....uaguAcucuccgguuacaagu.....	3	1	GDM
.....uagugcucuccggCuacaagu.....	3	1	GDM
.....uagugcucuccggCuacaagu.....	3	1	GDM
.....Cagugcucuccgguuacaagu.....	6	1	GDM
.....uagCgcucuccgguuacaagu.....	5	1	GDM
.....uagugCcuccgguuacaagu.....	2	1	GDM
.....uagugcAcuccgguuacaagu.....	1	1	GDM
.....uagugcucuccgguuacaagu.....	783	0	GDM
.....uagugcucuccgguuacUagu.....	4	1	GDM
.....uagugcucuccgguuacaGgu.....	3	1	GDM
.....uUgugcucuccgguuacaagu.....	3	1	GDM
.....uagAgcucuccgguuacaagu.....	2	1	GDM
.....uUgugcucuccgguuacaaggC.....	75	1	GDM
.....uagugcucuccgguAacaagu.....	1	1	GDM
.....Gagugcucuccgguuacaagu.....	1	1	GDM
.....uagugcucuccgguacaGgu.....	3	1	GDM
.....Cagugcucuccgguuacaagu.....	6	1	GDM
.....uCgugcucuccgguuacaagu.....	2	1	GDM
.....uagugcucuccgguuGcaagu.....	6	1	GDM
.....uagugcucuccgguuacaaggG.....	2	1	GDM
.....uagugCcuccgguuacaagu.....	2	1	GDM
.....uagugcucuccgguCaacaagu.....	2	1	GDM
.....uagugcucuccgguuacaaggC.....	75	1	GDM
.....uagCgcucuccgguuacaagu.....	5	1	GDM
.....uagugcucuccgguuacaagu.....	783	0	GDM
.....uagugcucuccgguuacaaggA.....	21	1	GDM
.....uagugcucuccgguuGcaagu.....	6	1	GDM
.....uGgugcucuccgguuacaagu.....	5	1	GDM
.....uagugcucuccggAuacaagu.....	1	1	GDM
.....uagugcucuccgguuacaaggCa.....	6	1	GDM
.....uagugcucuccCuuacaagu.....	1	1	GDM
.....uagugcucuccgguuGcaagua.....	5	1	GDM
.....uagugcucucgguAacaagua.....	1	1	GDM
.....uagugcAcucgguuacaagua.....	1	1	GDM
.....uagugcucucUguuacaagua.....	1	1	GDM
.....Cagugcucuccgguuacaagua.....	1	1	GDM
.....uagugcucuccgguuacaagua.....	396	0	GDM
.....uagugcucuccgguuacaagua.....	396	0	GDM
.....uagugcucuccgguuacaGgu.....	4	1	GDM
.....uagugcucuccgguuacaaguU.....	10	1	GDM
.....uagugCcuccgguuacaagua.....	1	1	GDM
.....uaAugcucuccgguuacaagua.....	2	1	GDM
.....uagugcucuccgguuacaGgu.....	4	1	GDM
.....uagugcucCccgguuacaagua.....	2	1	GDM
.....uagugcucuccgguuacaaguU.....	10	1	GDM
.....uagugcucuccgguAacaagua.....	1	1	GDM
.....uagugcucCccgguuacaagua.....	2	1	GDM
.....uagugcucuccgguuacGagua.....	1	1	GDM
.....uagugcucuccgguuGcaagua.....	5	1	GDM
.....uagugcucuccgguuAuuacaagua.....	1	1	GDM
.....uagugcucuccgguuacaagua.....	396	0	GDM
.....uagugcucuccgguuacaaggCa.....	6	1	GDM

aaggaacaggggacacuuquuauggagaacacuaaggcuauggacugcuau <u>ggacugcuaagugcucu<u>ccguuacaagu<u>uaccu</u></u></u>	.....uagugcucuccguuacaaguG.....	2	1	GDM
.....uagugcucuccguuacaaguG.....	.....uagugcucuccguuacaaguG.....	2	1	GDM
.....uagugcucuccguuua <u>Uaagu<u>a.....</u></u>	.....uagugcucuccguuua <u>Uaagu<u>a.....</u></u>	2	1	GDM
.....uagugcucuccguuua <u>Uaagu<u>a.....</u></u>	.....uagugcucuccguuua <u>Uaagu<u>a.....</u></u>	2	1	GDM
.....uagugcucuccguuacaag <u>Aau.....</u>	.....uagugcucuccguuacaag <u>Aau.....</u>	1	1	GDM
.....uagCgcucuccguuacaaguau.....	.....uagCgcucuccguuacaaguau.....	1	1	GDM
.....uagugcucCccguuacaaguau.....	.....uagugcucCccguuacaaguau.....	2	1	GDM
.....uagugcCcuccguuacaaguau.....	.....uagugcCcuccguuacaaguau.....	1	1	GDM
.....uagugcucuccguuacaagu <u>C.....</u>	.....uagugcucuccguuacaagu <u>C.....</u>	18	1	GDM
.....uagugcucuccguuacaagu <u>C.....</u>	.....uagugcucuccguuacaagu <u>C.....</u>	18	1	GDM
.....uagugcucuccguuacaagu <u>A.....</u>	.....uagugcucuccguuacaagu <u>A.....</u>	50	1	GDM
.....uagugcucuccguuacaagu <u>Gu.....</u>	.....uagugcucuccguuacaagu <u>Gu.....</u>	1	1	GDM
.....uagugcucuccguuacaagu <u>au.....</u>	.....uagugcucuccguuacaagu <u>au.....</u>	129	0	GDM
.....uagugcucuccguuacaagu <u>au.....</u>	.....uagugcucuccguuacaagu <u>au.....</u>	129	0	GDM
.....uagugcucuccguuacaagu <u>A.....</u>	.....uagugcucuccguuacaagu <u>A.....</u>	50	1	GDM
.....uagugcucuccguuacaagu <u>G.....</u>	.....uagugcucuccguuacaagu <u>G.....</u>	3	1	GDM
.....Cagugcucuccguuacaagu <u>au.....</u>	.....Cagugcucuccguuacaagu <u>au.....</u>	2	1	GDM
.....uagugcucuccguuacaagu <u>au.....</u>	.....uagugcucuccguuacaagu <u>au.....</u>	129	0	GDM
.....uagugcucuccguuacaagu <u>C.....</u>	.....uagugcucuccguuacaagu <u>C.....</u>	18	1	GDM
.....uagugcucuccguuacaagu <u>Uu.....</u>	.....uagugcucuccguuacaagu <u>Uu.....</u>	3	1	GDM
.....Cagugcucuccguuacaagu <u>au.....</u>	.....Cagugcucuccguuacaagu <u>au.....</u>	2	1	GDM
.....uagugcucuccguuacaagu <u>Cau.....</u>	.....uagugcucuccguuacaagu <u>Cau.....</u>	1	1	GDM
.....uagugcucuccguuacaagu <u>G.....</u>	.....uagugcucuccguuacaagu <u>G.....</u>	3	1	GDM
.....uagugcucuccguuacaagu <u>Uu.....</u>	.....uagugcucuccguuacaagu <u>Uu.....</u>	3	1	GDM
.....uagugcucuccguuacaagu <u>Uu.....</u>	.....uagugcucuccguuacaagu <u>Uu.....</u>	3	1	GDM
.....uagugcucCccguuacaaguau.....	.....uagugcucCccguuacaaguau.....	2	1	GDM
.....uagugcucuccguuacaaguA.....	.....uagugcucuccguuacaaguA.....	50	1	GDM
.....uagugcucuccguuaca <u>Gguau.....</u>	.....uagugcucuccguuaca <u>Gguau.....</u>	1	1	GDM
.....agugcucuccguuacaagu<u>.....</u>	.....agugcucuccguuacaagu <u>.....</u>	1	0	GDM
.....agugcucuccguuacaagu<u>.....</u>	.....agugcucuccguuacaagu <u>.....</u>	1	0	GDM