

miRBase precursor : hsa-mir-199b

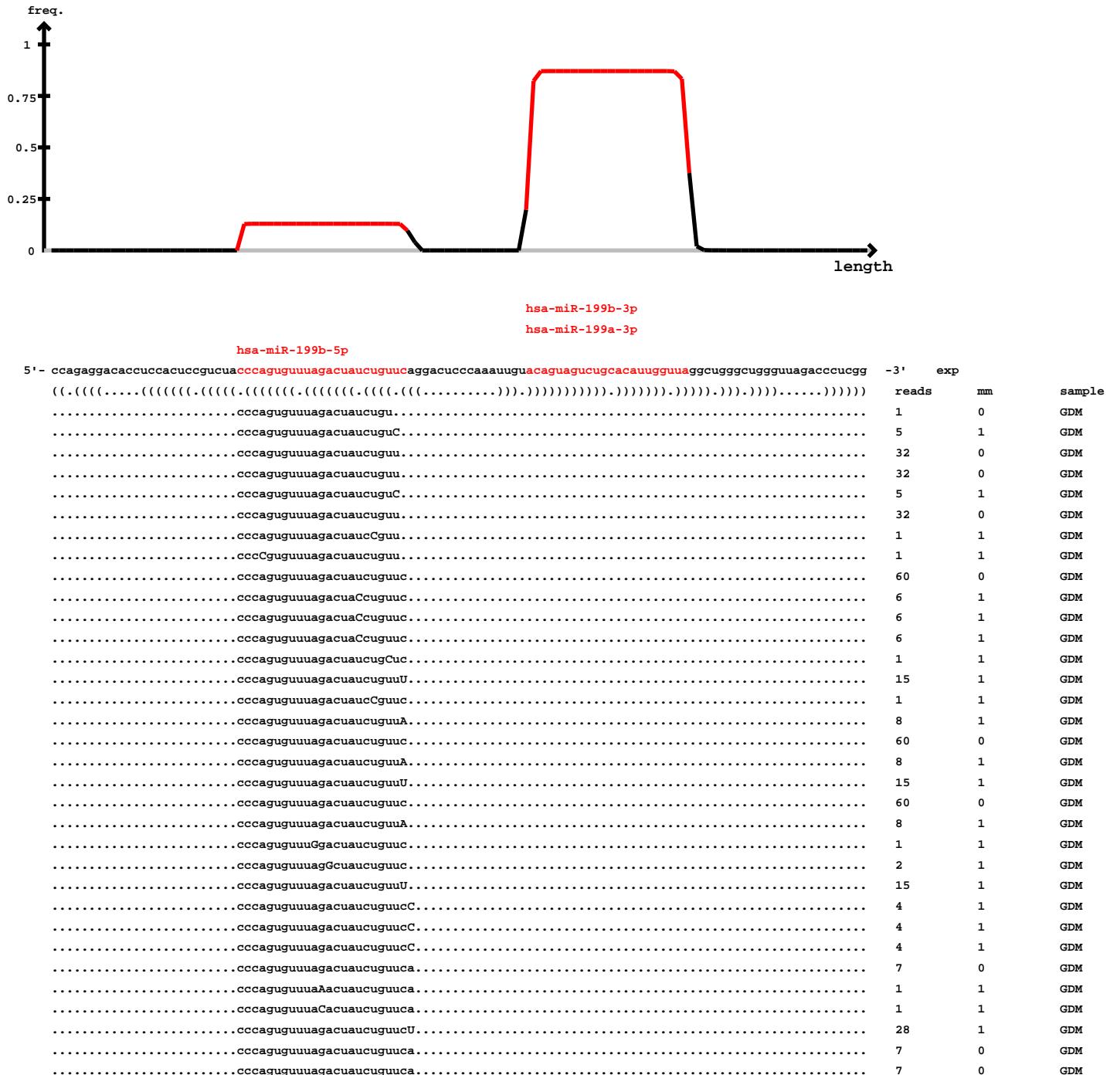
Total read count : 5131

hsa-miR-199a-3p read count 2388

hsa-miR-199b-5p read count 355

hsa-miR-199b-3p read count 2388

remaining reads : 0



hsa-miR-199b-3p

hsa-miR-199a-3p

ccagaggacaccucccacuccguuc**bs**aaguuua**5p**aucuguucaggacucccccaauuguacagugucugcauugguuagacccucgg

.....cccaguguuuagacuaucguucU.....	28	1	GDM
.....cccaguguuuagacuaucguuA.....	4	1	GDM
.....cccaguguuuagacuaucguuC.....	28	1	GDM
.....ccaguguuuagacuaucguu.....	1	0	GDM
.....ccaguguuuagacuaucguU.....	2	1	GDM
.....uacaguagucugcacauugg.....	1	0	GDM
.....uacaguagucugcacauuggu.....	31	0	GDM
.....AAcaguagucugcacauuggu.....	2	1	GDM
.....uacaguagucugcac <u>U</u> uuggu.....	2	1	GDM
.....uacaguagucugcacauuggC.....	2	1	GDM
.....uacaguagucugcacauuggu.....	31	0	GDM
.....uacaguagucugcacauuggu.....	31	0	GDM
.....uacaguagucugcacaGuggu.....	1	1	GDM
.....uacGguagucugcacauuggu.....	1	1	GDM
.....u <u>G</u> aguagucugcacauuggu.....	1	1	GDM
.....uacaguGgu <u>g</u> ugcacauuggu.....	1	1	GDM
.....uacaguagucugcacauuggu.....	134	0	GDM
.....uacaguagucugcacauugguC.....	9	1	GDM
.....uacaguagucugcacauuggu.....	1	1	GDM
.....uacaguagucugcacauuggu.....	9	1	GDM
.....uacaguagucugcacauugguA.....	10	1	GDM
.....uacaguagucugcacauuggu.....	134	0	GDM
......Cacaguagucugcacauuggu.....	1	1	GDM
.....uacaguagucugcacauuggu.....	134	0	GDM
.....uacaguagucugcacauugguC.....	9	1	GDM
.....uacaguagucugcacauuggu.....	2	1	GDM
.....uacaguagucugcacauugguU.....	36	1	GDM
.....uacaguagucugcacauuuAgua.....	1	1	GDM
.....Cacaguagucugcacauuggua.....	3	1	GDM
.....uacaguagucugcacauuggua.....	23	0	GDM
.....uacaguagucugcacauugguC.....	7	1	GDM
.....uacaguagucugcacauugguU.....	36	1	GDM
.....uacaguagucugcacauuggua.....	23	0	GDM
.....uacaguagucugcacauugguU.....	36	1	GDM
.....uacaguagucugcacauuggu.....	23	0	GDM
.....uacaguagucugcacauuggu.....	7	1	GDM
.....uacaguagucugcacauugguU.....	2	1	GDM
.....uacaguagucugcacauugguA.....	2	1	GDM
.....acaguagucugcacauuggu.....	19	0	GDM
.....acaguagucugcacauuggu.....	19	0	GDM
.....acGguagucugcacauuggu.....	1	1	GDM
.....acaguagucugcacauuggu.....	19	0	GDM
.....acaguagucugcacauuggu.....	348	0	GDM
.....acaguGgu <u>g</u> ugcacauuggu.....	1	1	GDM
.....acaguagucugcacauuggu.....	3	1	GDM
.....acaguagucugcacauugguA.....	10	1	GDM
.....acaguagucugcacauuuAgua.....	2	1	GDM
.....acaguaUucugcacauuggu.....	1	1	GDM
.....acaguagucugcacauuggu.....	2	1	GDM
.....acaguagucugcacauugguC.....	35	1	GDM
.....acagCagucugcacauuggu.....	7	1	GDM
.....acaguagucugcacauugguG.....	1	1	GDM
.....acaguagucugcacauuggu.....	3	1	GDM
.....acaguagucugcacauugguC.....	35	1	GDM
.....acaguagucugcac <u>G</u> uuggu.....	1	1	GDM
.....acaguagucugcacauuggu.....	4	1	GDM
.....acaguagucugcacauugguC.....	35	1	GDM
.....acaguagucugcacauuggu.....	2	1	GDM
.....acaguagucugcacauuggAu.....	7	1	GDM
.....acaguagucugcacauuggu.....	2	1	GDM
.....acaguagucugcacauuggAu.....	348	0	GDM
.....acaguagucugcacauuAgua.....	5	1	GDM

ccagaggacaccucccacuccguca**hsa-miR-199b-3p**aucuguuaggacuccaauuguacaguacguacugguccugguuuuagacccucgg

.....	.Gcagu <u>ac</u> u <u>gg</u> u <u>c</u> u <u>gc</u> acauugguu.	1	1	GDM
.....	.acagCagucugcacauugguu.	7	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> c <u>gc</u> acauugguu.	4	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> C <u>gc</u> acauugguu.	2	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> c <u>ac</u> auugguuA.	10	1	GDM
.....	.acagu <u>ac</u> gCc <u>u</u> gc <u>cac</u> auugguu.	5	1	GDM
.....	.acagu <u>ac</u> u <u>ac</u> u <u>ac</u> auugguu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> acauugguu.	348	0	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>gg</u> uu.	1	1	GDM
.....	.acG <u>u</u> ag <u>u</u> c <u>u</u> g <u>u</u> c <u>ac</u> auugguu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>gg</u> uu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> g <u>ac</u> auugguu.	2	1	GDM
.....	.acagu <u>U</u> u <u>c</u> u <u>g</u> u <u>g</u> acauugguu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	2	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	10	1	GDM
.....	.aUagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	209	0	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	209	0	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> g <u>ac</u> auugguu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	209	0	GDM
.....	.acG <u>u</u> ag <u>u</u> c <u>u</u> g <u>u</u> c <u>ac</u> auugguu.	1	1	GDM
.....	.Gcagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	2	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> uC.	10	1	GDM
.....	.Gcagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	2	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> g <u>ac</u> auugguu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> uC.	10	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	151	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	151	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> ac <u>g</u> u <u>g</u> guu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> A.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> U.	151	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> U.	151	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> ac <u>g</u> u <u>g</u> gu.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> A.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> U.	151	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> A.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> A.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> U.	151	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> U.	151	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	20	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> A.	20	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	20	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> U.	20	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	20	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	3	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	3	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	3	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	2	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	1	1	GDM
.....	.acagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	1	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	4	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	4	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	4	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> uC.	1	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> uC.	3	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> C <u>gg</u> uu.	1	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	31	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> A.	1	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	31	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	31	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	1	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	3	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	29	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	29	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	29	0	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	7	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	7	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	7	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	4	1	GDM
.....	.cagu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> A.	1	1	GDM
.....	.agu <u>ac</u> u <u>gg</u> u <u>c</u> aca <u>u</u> gg <u>u</u> u.	1	0	GDM
.....	....cccaguguu <u>A</u> agacua <u>c</u> guuu.	1	1	Z1_-
.....	....cccaguguu <u>u</u> agacua <u>c</u> guuC.	2	1	Z1_-
.....	....cccaguguu <u>u</u> agacua <u>c</u> guuu.	7	0	Z1_-
.....	....cccaguguu <u>u</u> agacua <u>c</u> guuU.	9	1	Z1_-
.....	....cccaguguu <u>u</u> agacua <u>c</u> guu <u>C</u> .	11	0	Z1_-

ccagaggacaccuccacuccguuc**ccagggucacauccgg**aggacuccccaauuuuacaguacuacugucucacauugguuaggcugggcuggguuuagaccccucgg

.....cccaguguuuuagacuaucguuC.....	1	1	z1_
.....cccaguguuuuagacuaucguuU.....	28	1	z1_
.....cccaguguuuuagacuaucguuca.....	3	0	z1_
.....uacaguagucugcacauugg.....	1	0	z1_
.....uacaguagucugcacauuggu.....	11	0	z1_
.....u <u>U</u> aguagucugcacauuggu.....	1	1	z1_
.....uacaguagucugcacauuggC.....	1	1	z1_
.....uacaguagucugCc <u>cauuggu</u>	2	1	z1_
.....uacaguagucugcacauuggu.....	64	0	z1_
.....uacaguagucCc <u>cacauuggu</u>	2	1	z1_
.....uacaguagucugcacauugguC.....	10	1	z1_
.....uacaguagucugcacauugguU.....	22	1	z1_
.....uacaguagucugcacauugguC.....	1	1	z1_
.....uacaguagucugcacauuggu.....	9	0	z1_
.....u <u>ac</u> aguagucCc <u>cacauuggu</u>	1	1	z1_
.....acaguagucugcacauuggu.....	2	0	z1_
.....acaguagucugcacauugguA.....	4	1	z1_
.....acaguagucug <u>cau</u> uuggu.....	2	1	z1_
.....ac <u>G</u> guagucugcacauuggu.....	1	1	z1_
.....acaguagucug <u>caca</u> Guuggu.....	1	1	z1_
.....acagu <u>A</u> ucugcacauuggu.....	4	1	z1_
.....acaguagucugcacauuAgua.....	1	1	z1_
.....ac <u>ag</u> Cagucugcacauuggu.....	2	1	z1_
.....G <u>c</u> aguagucugcacauuggu.....	1	1	z1_
.....acaguagucugcacauugguC.....	7	1	z1_
.....acaguagucu <u>U</u> cacauuggu.....	2	1	z1_
.....acaguagucugCc <u>cauuggu</u>	4	1	z1_
.....acaguagucugcacauugguG.....	1	1	z1_
.....acaguagucugcacauuggu.....	168	0	z1_
.....acaguagucugcacauuAgua.....	1	1	z1_
.....acaguagucugcacauugguU.....	42	1	z1_
.....U <u>c</u> aguagucugcacauuggu.....	1	1	z1_
.....acaguagucugcacauuggu.....	114	0	z1_
.....G <u>c</u> aguagucugcacauuggu.....	1	1	z1_
.....acaguagucugcacauugguC.....	3	1	z1_
.....acaguagucug <u>cau</u> uuggu.....	1	1	z1_
.....acaguagucugcacauuAgua.....	1	1	z1_
.....acaguagucugcacauugguU.....	2	1	z1_
.....acaguagucugcacauugguA.....	3	1	z1_
.....c <u>agu</u> agucugcacauuggu.....	2	0	z1_
.....caguagucugcacauuggu.....	5	0	z1_
.....caguagucugcacauugguC.....	1	1	z1_
.....caguagucugcacauugguC.....	1	1	z1_
.....caguagucugcacauugguU.....	4	1	z1_
.....caguagucugcacauugguA.....	12	0	z1_
.....caguagucugcacauugguA.....	1	1	z1_
.....cccaguguuuuagacuaucug.....	1	0	z2_
.....cccaguguuuuagacuaucguC.....	1	1	z2_
.....cccaguguuuuagacuaucguA.....	2	1	z2_
.....cccaguguuuuagacuaucguu.....	25	0	z2_
.....ccc <u>U</u> guguuuuagacuaucguu.....	1	1	z2_
.....ccc <u>U</u> guguuuuagacuaucug <u>Gu</u>	1	1	z2_
.....ccc <u>U</u> guguuuuagacu <u>U</u> ucuguu.....	1	1	z2_
.....ccc <u>U</u> guguuuuag <u>G</u> cuau <u>U</u> guu.....	1	1	z2_
.....ccc <u>U</u> guguuuuagacuaucguu.....	13	0	z2_
.....ccc <u>U</u> guguuuuagacuaucguuA.....	1	1	z2_
.....ccc <u>U</u> guguuuuagacuaucguu.....	3	1	z2_
.....ccc <u>U</u> guguuuuagacua <u>C</u> guu.....	3	1	z2_
.....ccc <u>U</u> guguuuuagacuaucguuU.....	12	1	z2_
.....ccc <u>U</u> guguuuuagacuaucguuca.....	2	0	z2_
.....ccc <u>U</u> guguuuuagacuaucguuC.....	1	1	z2_
.....ccc <u>U</u> guguuuuagacuaucguuG.....	1	1	z2_
.....uacaguagucugcacauugg.....	7	0	z2_
.....Cacaguagucugcacauugg.....	1	1	z2_
.....u <u>ac</u> guagucugcacauugg.....	1	1	z2_
.....u <u>ac</u> guagucugcacauuggu.....	43	0	z2_

ccaggagacaccucccacuccgucuab**ccaggagucugccatggggaaa**gaccacauuugguuacaguacaguacugcugcacauugggguuacacauuggguagacaccucccccg

.....uacaguagucugcacauCgguu.....	1	1	z2_
.....uacaguagucugcacauuggCu.....	1	1	z2_
.....uacaguagucugcacauuggguC.....	4	1	z2_
.....uacaguagucugcacauuggguU.....	14	1	z2_
.....uacaguagucugcacauuggguC.....	3	1	z2_
.....uacaguagucugcacauuggguua.....	3	0	z2_
.....uacaguagucugcacauuggguuU.....	2	1	z2_
.....acaguagucugcacauugg.....	2	0	z2_
.....acaguagucugcacGuuggu.....	1	1	z2_
.....acaguagucugcacauuggC.....	1	1	z2_
.....acaguagucugcacauugguC.....	9	1	z2_
.....acaguGgucugcacauuggu.....	1	1	z2_
.....acaguagucugcacauugggu.....	120	0	z2_
.....acaguagucCgcacauuggu.....	1	1	z2_
.....acaguagucugcacauuggCu.....	2	1	z2_
.....aUaguagucugcacauugggu.....	1	1	z2_
.....acaguagCcugcacauugggu.....	2	1	z2_
.....acaguagucugcGcauugggu.....	1	1	z2_
.....acaguagucugcacaCugguu.....	2	1	z2_
.....acaguagucugcacauCgguu.....	1	1	z2_
.....acaguagucugcacauugguA.....	12	1	z2_
.....acaguagucugcacauugguG.....	2	1	z2_
.....acGguagucugcacauuggu.....	1	1	z2_
.....acaguagucugcacauuggguC.....	1	1	z2_
.....acaAuagucugcacauugggu.....	2	1	z2_
.....acaguagucugcacauuggguCa.....	3	1	z2_
.....acaguagucugcacGuugggu.....	2	1	z2_
.....acagCgucugcacauuggguu.....	1	1	z2_
.....acaguagucugcacauuggguu.....	91	0	z2_
.....acaguagucugcacauuAgguu.....	1	1	z2_
.....acaguagucugcacauuggguU.....	54	1	z2_
.....acaguagucugcaUauuggguu.....	2	1	z2_
.....acaguagucugcacauuggguuA.....	1	1	z2_
.....caguagucugcacauugggu.....	3	0	z2_
.....caguagucugcacauAggguu.....	1	1	z2_
.....caguagucugcacauuggguu.....	9	0	z2_
.....cccaguguuuagacuau <u>ccguu</u> u.....	5	0	z3_
.....Uccaguguuuagacuau <u>ccguu</u> u.....	4	1	z3_
.....cccaguguuuagacuau <u>ccguu</u> u.....	8	0	z3_
.....cccaguguuuagacuau <u>ccguu</u> uU.....	7	1	z3_
.....cccaguguuuagacCauc <u>ccguu</u> u.....	1	1	z3_
.....cccaguguuuagacu <u>ccguu</u> u.....	3	1	z3_
.....cccaguguuuagacuau <u>ccguu</u> U.....	12	1	z3_
.....cccaguguuuagac <u>ccguu</u> C.....	2	1	z3_
.....uacaguagucugcacauuggC.....	3	1	z3_
.....uacaguagucugcacauugguA.....	1	1	z3_
.....uacaguagucugcacauugggu.....	28	0	z3_
.....uacaguagucugcacauuggGu.....	2	1	z3_
.....uacaguagucugcacauugguC.....	5	1	z3_
.....uacaguagucugcacauugggu.....	2	1	z3_
.....uacaguagucugcacauuggguU.....	12	1	z3_
.....uacaguagucugcacauuggguu.....	3	0	z3_
.....uacaguagucugcacauuggguuAg.....	2	0	z3_
.....acaguagucugcacauugggu.....	2	0	z3_
.....acaguagucugcacauuggguA.....	1	1	z3_
.....acaguagucugcacauuggguu.....	73	0	z3_
.....acaguagucugcacGuugggu.....	1	1	z3_
.....acaguagucugcacauuggguC.....	6	1	z3_
.....acaguagucugcacauAggguu.....	1	1	z3_
.....acaguGgucugcacauugggu.....	1	1	z3_
.....acaguagucugcacauuggguU.....	29	1	z3_
.....acaguagucugcacauuggguC.....	1	1	z3_
.....acaguagucugcacauuggGu.....	1	1	z3_
.....acaguagucugcacauuggguua.....	31	0	z3_
.....acaguagucugcacauuggguu.....	1	1	z3_
.....acaguagucugcacauuggguuU.....	4	1	z3_

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hsa-miR-199a-3p

ccagaggacaccuccacuccgucuab**ssagugua**5paucuguucaggacucccaauuguacaguacguacuggcacauugguuaggcugggcuggguuagacccucgg

.....	.acaguagucugcacauugguuA.	2	1	z3_
.....	.acaguagucugcacauugguuC.	2	1	z3_
.....	.caguagucugcacauuggu.	2	0	z3_
.....	.caguaguUugcacauuggu.	1	1	z3_
.....	.caguagucugcacauugguu.	1	0	z3_
.....	.caguagucugcacauugguuC.	4	1	z3_
.....	.caguagucugcacauugguu.	1	0	z3_