

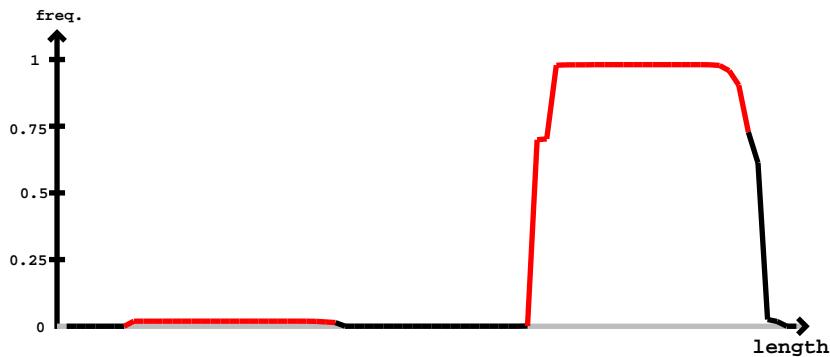
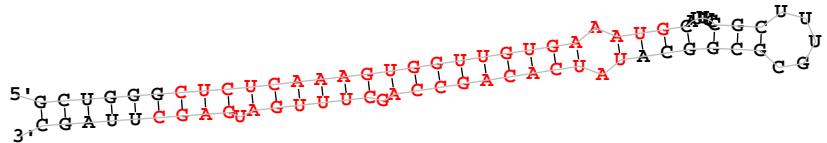
miRBase precursor : dme-mir-2a-1\_MI0000117

Total read count : 37082

dme-miR-2a-1-5p\_MIMAT0020780 read count

dme-miR-2a-3p\_MIMAT0000106968 read count

remaining reads : 7



#### dme-miR-2a-3p\_MIMAT0000106

5'	-3'	exp	reads	mm	sample
gcuggggcucucaaagugguuugugaaaug	cauuuccgcuuugcgccgca	auucacagccaggcuuugaugagc	uuagc		
(((((.....((((((.....(((((.....))))))))))))))))	.....Acucucaaagugguuugugaaa.....	.....	1	1	seq
.....cucucaaagugguuugugG.....	.....	.....	1	1	seq
.....Aucucaaagugguuugugaa.....	.....	.....	1	1	seq
.....cucucaaagugguuugugaa.....	.....	.....	26	0	seq
.....cucucaaagugguuugugGa.....	.....	.....	2	1	seq
.....cucucaaagugguuugugaaa.....	.....	.....	1	1	seq
.....cucucaaagugguuugugGaa.....	.....	.....	1	1	seq
.....Aucucaaagugguuugugaaa.....	.....	.....	5	1	seq
.....cucucaaagugguuugugaaa.....	.....	.....	69	0	seq
.....cucucaaagugguuugGgaaa.....	.....	.....	1	1	seq
.....cucucaaagugguuugugGaa.....	.....	.....	5	1	seq
.....Aucucaaagugguuugugaaa.....	.....	.....	4	1	seq
.....cucucaaagAgguuugugaaa.....	.....	.....	1	1	seq
.....cucucaaGgguuugugaaa.....	.....	.....	1	1	seq
.....cucucaaagugguuugugaaa.....	.....	.....	76	0	seq
.....cucucaaagugguuuguUaaa.....	.....	.....	1	1	seq
.....cucucaaagugAuuugugaaa.....	.....	.....	1	1	seq
.....cucucaaaguggAuggugaaa.....	.....	.....	1	1	seq
.....cucucaaagugguugugaaaCg.....	.....	.....	2	1	seq
.....cucucaaagugguugugCaug.....	.....	.....	1	1	seq
.....cucCcaaagugguugugaaaug.....	.....	.....	1	1	seq
.....cucucaaagugguugugUaaaug.....	.....	.....	4	1	seq
.....cucucaaagugguugugaaaug.....	.....	.....	445	0	seq
.....cucucaaUugguuugugaaaug.....	.....	.....	3	1	seq
.....Aucucaaagugguuugugaaaug.....	.....	.....	30	1	seq
.....cucucaaagugguuugugCaaug.....	.....	.....	2	1	seq
.....cucucaaagugguugugaaaug.....	.....	.....	1	1	seq
.....cGcucucaaagugguuugugaaaug.....	.....	.....	1	1	seq
.....cucucaaagugguugugaaGug.....	.....	.....	2	1	seq
.....cAcucucaaagugguuugugaaaug.....	.....	.....	2	1	seq
.....cucGcaaagugguugugaaaug.....	.....	.....	2	1	seq
.....cucucaaagugguugugGaaug.....	.....	.....	3	1	seq
.....cucucaCagugguugugaaaug.....	.....	.....	1	1	seq
.....cucucaaagugguugCgaaaug.....	.....	.....	2	1	seq

dme-miR-2a-1-5p\_MIMAT0020780

gcuggggcucucuaagugguugugaaaaugcauuuccgcuuuugcgccggcaauaucacagccagcuuugauggcuuuagc

.....cucucaaaguggCugugaaaug.....	1	1	seq
.....cucucaaagugguuugugaaaauA.....	1	1	seq
.....cucucaaagugguuuGuCaaaug.....	1	1	seq
.....cucucaaagugguuugugaaaaugA.....	1	1	seq
.....cucucaaagugguuugugaaaaugU.....	1	1	seq
.....ucaaagugguuugugaaaaug.....	1	0	seq
.....caaagugguuugugaaaaug.....	1	0	seq
.....cauuuccgcuuuugcgccgg.....	1	0	seq
.....cauuuccgcuuuugcgccggca.....	5	0	seq
.....uuuccgcuuuugcgccggca.....	1	0	seq
.....Auauaucacagccagc <u>uuugaugag</u> cu.....	2	1	seq
.....auaucacagccag <u>cuuugaug</u> a.....	1	0	seq
.....Cuauacacagccag <u>cuuugaug</u> a.....	1	1	seq
.....auaucacagccag <u>cuuugaug</u> Ug.....	2	1	seq
.....auaucacagccag <u>cuuugaug</u> ag.....	9	0	seq
.....auCucacagccag <u>cuuugaug</u> ag.....	1	1	seq
.....auaucacagccag <u>cuuugaug</u> agcu.....	14	0	seq
.....uaucacagccag <u>cuuugaug</u> u.....	13	0	seq
.....Auucacagccag <u>cuuugaug</u> .....	1	1	seq
.....uauc <u>a</u> Jagccag <u>cuuugaug</u> .....	1	1	seq
.....uaucacagcc <u>cuuug</u> Cu.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Cau.....	1	1	seq
.....uaucacagcc <u>cuuug</u> au.....	86	0	seq
.....uauc <u>a</u> Uagcc <u>cuuug</u> au.....	1	1	seq
.....Caucacagcc <u>cuuug</u> au.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Aau.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Cu.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Cgau.....	2	1	seq
.....uaCc <u>c</u> acagcc <u>cuuug</u> au.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Uu.....	1	1	seq
.....ua <u>λ</u> cacagcc <u>cuuug</u> au.....	1	1	seq
.....uaucacagcc <u>cuuug</u> A.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Gug.....	2	1	seq
.....uauc <u>a</u> Uagcc <u>cuuug</u> aug.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Ua....	2	1	seq
.....Auucacagcc <u>cuuug</u> aug.....	4	1	seq
.....uaucacagcc <u>cuuug</u> Aug.....	5	1	seq
.....uauc <u>C</u> c <u>g</u> cc <u>cuuug</u> aug.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Ag.....	2	1	seq
.....uauc <u>a</u> Gagcc <u>cuuug</u> aug.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Au....	1	1	seq
.....ua <u>u</u> Uacagcc <u>cuuug</u> aug.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Caug.....	3	1	seq
.....uaucacagcc <u>cuuug</u> Cug.....	3	1	seq
.....uaucacagcc <u>cuuug</u> Au....	1	1	seq
.....uaCc <u>c</u> acagcc <u>cuuug</u> aug.....	2	1	seq
.....uaucacagcc <u>cuuug</u> ....	613	0	seq
.....uaucacagcc <u>cuuug</u> A.....	14	1	seq
.....uaucacagcc <u>cuuug</u> Cg.....	1	1	seq
.....uauc <u>a</u> Acc <u>g</u> cc <u>cuuug</u> au....	1	1	seq
.....uaucacagcc <u>cuuug</u> Au....	5	1	seq
.....uaucacagcc <u>cuuug</u> Aa....	4	1	seq
.....uaucacagcc <u>cuuug</u> Uug.....	1	1	seq
.....uaucacagcc <u>cuuug</u> Caug.....	2	1	seq
.....uaucacagcc <u>cuuug</u> Cu....	4	1	seq
.....uaucacagcc <u>cuuug</u> Cu....	1	1	seq
.....uaucac <u>U</u> g <u>cc</u> ag <u>cuuug</u> uga....	1	1	seq
.....uaucacagcc <u>cuuug</u> Ug.....	45	1	seq
.....uaucacagcc <u>cuuug</u> Aga....	3	1	seq
.....uaucacagcc <u>cuuug</u> Ua....	5	1	seq
.....uaucacagcc <u>cuuug</u> Aa....	4	1	seq
.....uaucacaUcc <u>g</u> cc <u>cuuug</u> au....	2	1	seq
.....uaucacagcc <u>cuuug</u> Cga....	2	1	seq
.....uaucacagcc <u>cuuug</u> Guga....	2	1	seq
.....uauc <u>a</u> Gagcc <u>cuuug</u> au....	1	1	seq
.....uaucG <u>cc</u> ag <u>cuuug</u> au....	4	1	seq
.....uaucacagcc <u>cuuug</u> Au....	1	1	seq
.....uaucacagcc <u>cuuug</u> Au....	4	1	seq
.....Caucacagcc <u>cuuug</u> au....	4	1	seq

## dme-miR-2a-1-5p\_MIMAT0020780

gcuggggcucucucaaagguguuugaaaaugcauuuccgcuuuggcgccggcauaucacagccagcuuugaugaguuuuagc

.....	.uaucacagccagcuGugauga.....	3	1	seq
.....	.uauc <u>a</u> gccc <u>agc</u> uuu <u>gauga</u> .....	2	1	seq
.....	.uaucacagcc <u>c</u> uuu <u>Aaug</u> .....	3	1	seq
.....	.uaucac <u>a</u> g <u>c</u> uuu <u>gauga</u> .....	1716	0	seq
.....	.uaucacagcc <u>c</u> uuu <u>gauga</u> .....	1	1	seq
.....	.uaucacagcc <u>c</u> uuu <u>gaugC</u> .....	2	1	seq
.....	.uaucaca <u>C</u> cc <u>a</u> uuu <u>gauga</u> .....	2	1	seq
.....	.uaucaca <u>Acc</u> ag <u>cc</u> uuu <u>gauga</u> .....	3	1	seq
.....	.Aau <u>cac</u> ag <u>cc</u> ag <u>cc</u> uuu <u>gauga</u> .....	34	1	seq
.....	.uaucac <u>ag</u> cc <u>G</u> uuu <u>gauga</u> .....	5	1	seq
.....	.uaucac <u>ac</u> cc <u>ag</u> cu <u>Au</u> uga.....	5	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>G</u> uga.....	3	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	3	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>u</u> ga.....	6	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>Aug</u> uga.....	3	1	seq
.....	.uauc <u>a</u> c <u>ag</u> ch <u>Ag</u> cuu <u>u</u> ga.....	1	1	seq
.....	.uCuc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	8	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>u</u> ga.....	7	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>G</u> cuu <u>u</u> ga.....	4	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>aa</u> cuu <u>u</u> ga.....	3	1	seq
.....	.uGu <u>cac</u> ag <u>cc</u> ag <u>cc</u> uuu <u>u</u> ga.....	1	1	seq
.....	.uauc <u>a</u> c <u>G</u> cc <u>ag</u> cuu <u>u</u> ga.....	6	1	seq
.....	.Gauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	4	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>Au</u> u <u>u</u> ga.....	1	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	18	1	seq
.....	.uauc <u>a</u> c <u>U</u> g <u>c</u> cc <u>ag</u> cuu <u>u</u> ga.....	1	1	seq
.....	.uaCc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	14	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>Aug</u> ga.....	3	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> Guu <u>u</u> ga.....	5	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>Aug</u> ag.....	7	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>u</u> ga.....	3	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>aa</u> cuu <u>u</u> ga.....	6	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cu <u>u</u> ga.....	4	1	seq
.....	.uauc <u>a</u> c <u>ac</u> u <u>u</u> ga.....	6	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	12	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>u</u> ga.....	16	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>u</u> u <u>u</u> ga.....	9	1	seq
.....	.uauc <u>a</u> c <u>ag</u> Ac <u>ag</u> cuu <u>u</u> ga.....	3	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>Aug</u> u.....	1	1	seq
.....	.Aau <u>cac</u> ag <u>cc</u> ag <u>cc</u> uuu <u>u</u> ga.....	193	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cu <u>u</u> ga.....	8	1	seq
.....	.uauc <u>a</u> c <u>Ca</u> cc <u>ag</u> cuu <u>u</u> ga.....	4	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> Ca.....	4	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>g</u> .....	13	1	seq
.....	.uauc <u>a</u> U <u>g</u> cc <u>ag</u> cuu <u>u</u> ga.....	4	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	5263	0	seq
.....	.uauc <u>a</u> G <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	3	1	seq
.....	.ua <u>g</u> c <u>ac</u> ag <u>cc</u> ag <u>cc</u> uuu <u>u</u> ga.....	5	1	seq
.....	.uauc <u>a</u> c <u>ac</u> cc <u>aa</u> cuu <u>u</u> ga.....	3	1	seq
.....	.uauc <u>a</u> c <u>G</u> ag <u>cc</u> ag <u>cc</u> uuu <u>u</u> ga.....	10	1	seq
.....	.Cauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	26	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> uuuu <u>u</u> ga.....	1	1	seq
.....	.uauc <u>a</u> c <u>ag</u> Ag <u>cc</u> uuu <u>u</u> ga.....	1	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>g</u> .....	255	1	seq
.....	.uauc <u>a</u> A <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	2	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>Ag</u> .....	21	1	seq
.....	.ua <u>l</u> c <u>ac</u> ag <u>cc</u> ag <u>cc</u> uuu <u>u</u> ga.....	1	1	seq
.....	.uCuc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> ga.....	14	1	seq
.....	.ua <u>u</u> U <u>ac</u> ag <u>cc</u> ag <u>cc</u> uuu <u>u</u> ga.....	2	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>C</u> ag.....	4	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>G</u> ag.....	13	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>C</u> u.....	5	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> Guu <u>u</u> u <u>u</u> ga.....	2	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> Guu <u>u</u> u <u>u</u> ga.....	6	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>u</u> u <u>u</u> ga.....	15	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>u</u> u <u>u</u> ga.....	6	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>u</u> u <u>u</u> ga.....	133	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>ag</u> cuu <u>u</u> u <u>u</u> u <u>u</u> ga.....	13	1	seq
.....	.uauc <u>a</u> c <u>ag</u> cc <u>aa</u> cuu <u>u</u> u <u>u</u> u <u>u</u> ga.....	1	1	seq

## dme-miR-2a-1-5p\_MIMAT0020780

gcuggggcucucucaagugugugaaaaugcauuuccgcuuuggcgccgcauaucacagccagcuuugaugagcuuuagc

.....uaucacagccGgc <u>uuu<u>gaugag</u></u> .....	9	1	seq
.....uaucacUgc <u>c<u>cc<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u>.....</u>	3	1	seq
.....uaucacagcc <u>c<u>cc<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u>.....</u>	3	1	seq
.....uGuc <u>c<u>ac<u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u></u>.....</u></u>	6	1	seq
.....uaucacCgc <u>c<u>cc<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u>.....</u>	4	1	seq
.....uaucacagccCgc <u>uuu<u>gaugag</u></u> .....	2	1	seq
.....uaucacaUcc <u>c<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u> .....	5	1	seq
.....uaucacagU <u>c<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u> .....	3	1	seq
.....uUuc <u>c<u>ac<u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u></u>.....</u></u>	1	1	seq
.....Cauc <u>c<u>ac<u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u></u>.....</u></u>	10	1	seq
.....uaAc <u>c<u>ac<u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u></u>.....</u></u>	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Caugagc</u></u></u></u></u> .....	1	1	seq
.....uaucacagcc <u>A<u>cc<u>uuu<u>gaugagc</u></u></u></u> .....	5	1	seq
.....uaG <u>c<u>ac<u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uaucacagcc <u>Ggc<u>uuu<u>gaugagc</u></u></u> .....	5	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>gaugag</u></u></u></u></u> .....	6	1	seq
.....uaucacagcc <u>Cc<u>uuu<u>gaugagc</u></u></u> .....	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Uaugagc</u></u></u></u></u> .....	6	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Agaugagc</u></u></u></u></u> .....	1	1	seq
.....uaucaca <u>A<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u>.....</u>	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Gugagc</u></u></u></u></u> .....	6	1	seq
.....uaucacaU <u>c<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u>.....</u>	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>gaugauCagc</u></u></u></u></u> .....	2	1	seq
.....uaucacCgc <u>c<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u>.....</u>	2	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Aaugagc</u></u></u></u></u> .....	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Gugagc</u></u></u></u></u> .....	6	1	seq
.....uaucacagcc <u>C<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u>.....</u>	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Agugagc</u></u></u></u></u> .....	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Auuugagc</u></u></u></u></u> .....	95	1	seq
.....uaucG <u>cc<u>c<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u>.....</u>	4	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Aaugagc</u></u></u></u></u> .....	6	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Cugagc</u></u></u></u></u> .....	3	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Ugaugagc</u></u></u></u></u> .....	170	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>AgugagG</u></u></u></u></u> .....	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Uau<u>gaugag</u></u></u></u></u>.....</u>	19	1	seq
.....Aau <u>c<u>ac<u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u></u>.....</u></u>	75	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u> .....	2687	0	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Uaugagc</u></u></u></u></u> .....	8	1	seq
.....uaucCc <u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u>.....</u>	2	1	seq
.....Gauc <u>c<u>ac<u>ag<u>cc<u>ag<u>cc<u>uuu<u>gaugagc</u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Agagc</u></u></u></u></u> .....	1	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Ua<u>gaugag</u></u></u></u></u>.....</u>	3	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>Ag<u>gaugau</u></u></u></u></u>.....</u>	4	1	seq
.....uaucacagcc <u>c<u>ag<u>cc<u>uuu<u>U<u>gaugagc</u></u></u></u></u>.....</u>	6	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>U<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	3	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	3	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	3	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	3	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	10	1	seq
.....ua <u>U<u>u<u>ca<u>g<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u></u>	1	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	3	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	5	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	20	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	59	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	3	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	1	1	seq
.....ua <u>G<u>ac<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	4	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	177	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	1	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	6	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	13	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	28	1	seq
.....uauc <u>a<u>ga<u>gg<u>cc<u>ag<u>cc<u>uuu<u>Ag<u>gaugagc</u></u></u></u></u></u></u>.....</u></u>	2	1	seq

## dme-miR-2a-1-5p\_MIMAT0020780

gcuggggcucucucaaagugguugugaaaugcauuuccgcuuuggcgccggcaauucacagccagcuuugaugagcuuuagc

.....	.uaucacagcc <u>C</u> guuuugaugagcu....	14	1	seq
.....	.uaucacagcc <u>A</u> cuuuugaugagcu....	16	1	seq
.....	.uaucacagcc <u>G</u> guuuugaugag <u>A</u> cu....	24	1	seq
.....	.uaucacagcc <u>G</u> guuuugaugagcu....	10	1	seq
.....	.uaucacagcc <u>G</u> guuuug <u>U</u> ugagcu....	13	1	seq
.....	.ua <u>uca</u> <u>A</u> g <u>c</u> guuuugaugagcu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> Acc <u>g</u> guuuugaugagcu....	13	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>C</u> ugagcu....	41	1	seq
.....	.Aa <u>uca</u> <u>c</u> ag <u>cc</u> guuuugaugagcu....	755	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>A</u> ugagcu....	10	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>G</u> ugagcu....	45	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ugag <u>C</u> ....	19	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>A</u> uga <u>U</u> cu....	14	1	seq
.....	.u <u>U</u> uc <u>a</u> <u>c</u> ag <u>cc</u> guuuugaugagcu....	1	1	seq
.....	.Gauc <u>a</u> <u>c</u> ag <u>cc</u> guuuugaugagcu....	29	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>C</u> ugagcu....	22	1	seq
.....	.ua <u>uca</u> <u>C</u> c <u>ag</u> guuuugaugagcu....	4	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>A</u> ugagcu....	3	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> uuugaugagcu....	11	1	seq
.....	.ua <u>uca</u> <u>J</u> ag <u>cc</u> guuuugaugagcu....	10	1	seq
.....	.ua <u>uca</u> <u>c</u> aca <u>U</u> cc <u>ag</u> guuuugaugagcu....	11	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ugagcu....	11697	0	seq
.....	.u <u>G</u> uc <u>a</u> <u>c</u> ag <u>cc</u> guuuugaugagcu....	8	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>G</u> ugagcu....	45	1	seq
.....	.ua <u>uca</u> <u>G</u> ag <u>cc</u> guuuugaugagcu....	2	1	seq
.....	.ua <u>uca</u> <u>A</u> g <u>cc</u> guuuugaugagcu....	3	1	seq
.....	.ua <u>uca</u> <u>c</u> G <u>cc</u> guuuugaugagcu....	12	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ugag <u>A</u> cu....	37	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>C</u> augagcu....	25	1	seq
.....	.u <u>C</u> uc <u>a</u> <u>c</u> ag <u>cc</u> guuuugaugagcu....	19	1	seq
.....	.ua <u>uca</u> <u>c</u> G <u>cc</u> guuuugaugagcu....	7	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> uga <u>C</u> cu....	2	1	seq
.....	.ua <u>uca</u> <u>c</u> aca <u>C</u> cc <u>ag</u> guuuugaugagcu....	6	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ugag <u>G</u> agcu....	16	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>A</u> ugag <u>G</u> agcu....	3	1	seq
.....	.ua <u>uca</u> <u>A</u> ag <u>cc</u> guuuugaugagcu....	2	1	seq
.....	.Cauc <u>a</u> <u>c</u> ag <u>cc</u> guuuugaugagcu....	68	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ugau <u>A</u> agcu....	23	1	seq
.....	.ua <u>uca</u> <u>U</u> ac <u>cc</u> guuuugaugagcu....	6	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>Ac</u> guuuugaugagcu....	4	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>U</u> augag <u>A</u> cu....	47	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>G</u> augag <u>G</u> cu....	11	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> cu....	17	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>A</u> ugag <u>U</u> gu....	14	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>G</u> ugag <u>U</u> gu....	9	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>G</u> ugag <u>G</u> cu....	4	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>C</u> aug <u>G</u> gu....	3	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>C</u> aug <u>U</u> gu....	39	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>U</u> cc <u>ag</u> guuuugaugagcu....	5	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> aug <u>G</u> u....	2	1	seq
.....	.ua <u>uca</u> <u>c</u> ac <u>ag</u> guuuug <u>U</u> ug <u>G</u> gu....	16	1	seq
.....	.ua <u>uca</u> <u>G</u> ac <u>ag</u> guuuug <u>U</u> ug <u>G</u> gu....	15	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	35	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	10	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuu <u>C</u> aug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>G</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	25	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.u <u>G</u> uc <u>a</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	8	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.Cauc <u>a</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	84	0	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	2	1	seq
.....	.ua <u>uca</u> <u>A</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	1	1	seq
.....	.ua <u>uca</u> <u>c</u> ag <u>cc</u> guuuug <u>U</u> ug <u>G</u> gu....	110	1	seq

## dme-miR-2a-1-5p\_MIMAT0020780

gcuggggcucucucaaagugguugugaaaaugcauuuccgcuuuggcgccggcaauacacagccagcuuugauagagcuuuagc

.....	uaucacagccagc	uuu	gaugag	ccuu	U..	2	1	seq
.....	uaucacagccagc	uuu	gaugag	ccuu	A..	3	1	seq
.....	aucacagccagc	uuu	gaugau	.....	1	0	seq	
.....	aucacagccagc	uuu	gaug	.....	1	0	seq	
.....	aucacGccagc	uuu	gaug	.....	1	1	seq	
.....	aucacagccagc	uuu	gaug	Guga	.....	1	1	seq
.....	aucacagccagc	uuu	gauga	.....	4	0	seq	
.....	aucacGccagc	uuu	gaugag	.....	1	1	seq	
.....	aucacagccagc	uuu	gauga	U.....	1	1	seq	
.....	aucacagccagc	uuu	gaugag	.....	17	0	seq	
.....	auAacagccagc	uuu	gaugag	.....	1	1	seq	
.....	aucacagccagc	uuu	gaugagc	.....	12	0	seq	
.....	aucacagccagc	uuu	gaugag	U.....	6	1	seq	
.....	aucacagccagc	uuu	gaug	Ugc.....	2	1	seq	
.....	aucacagccagc	uuu	gaugau	Uagc.....	1	1	seq	
.....	aucacagccagc	uuu	gaugag	AgA.....	1	1	seq	
.....	aucacagccagc	uuu	gaugag	U.....	68	0	seq	
.....	aucacagccagc	uuu	gaugagc	C.....	1	1	seq	
.....	aucacagc	Uagc	uuu	gaugagc	.....	1	1	seq
.....	auAacagccagc	uuu	gaugagc	.....	1	1	seq	
.....	aucacagccagc	uuu	Uaugagc	.....	1	1	seq	
.....	aucacagccagc	uuu	gaugag	U.....	1	1	seq	
.....	aucacagccagc	uuu	gaugag	Ggc	.....	1	1	seq
.....	aCcacagccagc	uuu	gaugagc	.....	1	1	seq	
.....	aucacagccagc	uuu	gaugagc	Aa.....	6	1	seq	
.....	.ucacagccagc	uuu	gaug	.....	42	0	seq	
.....	.ucacGccagc	uuu	gaug	.....	1	1	seq	
.....	.ucacagccagc	uuu	ug	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugGug	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugGug	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugG	.....	1	1	seq	
.....	.aCacagccagc	uuu	ugG	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	.....	106	0	seq	
.....	.ucacagccagc	uuu	ugA	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	Ca.....	1	1	seq	
.....	.ucGcagccagc	uuu	ugA	.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.Acacagccagc	uuu	ugA	ga.....	17	1	seq	
.....	.Gcacagccagc	uuu	ugA	ga.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	gaG.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	gaCc.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	gaAagc.....	6	1	seq	
.....	.ucacagccagc	uuu	ugA	gaAgc.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	gaAgc.....	1	1	seq	
.....	.ucacagccagc	uuu	ugA	gaAgc.....	1	1	seq	

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gcuggggcucucucaagugguugugaaaugcauuuccgcuuuugcgccggcaauucacagccagcuuugaugagcuuuagc

.....	ucacagccagc <u>uuuga</u> Cgagc.....	1	1	seq
.....	ucacagccagc <u>uuug</u> Ugc.....	4	1	seq
.....	ucGc <u>aggccagc</u> uuug <u>augagc</u> .....	1	1	seq
.....	ucacagcc <u>aggcuu</u> Aaugagc.....	3	1	seq
.....	ucacagcc <u>aggcuu</u> Uga <u>ugagc</u> .....	1	1	seq
.....	ucacagcc <u>aggcuu</u> C <u>gaugagc</u> .....	4	1	seq
.....	ucacagcc <u>aggcuu</u> C <u>uuga</u> gagc.....	6	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>ugagc</u> .....	5	1	seq
.....	u <u>U</u> acagcc <u>aggcuu</u> u <u>gaugagc</u> .....	1	1	seq
.....	ucacGcc <u>aggcuu</u> u <u>gaugagc</u> .....	1	1	seq
.....	uA <u>a</u> cagcc <u>aggcuu</u> u <u>gaugagc</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugagc</u> .....	4	1	seq
.....	C <u>cacagcc</u> agg <u>cuuug</u> u <u>gaugagc</u> .....	5	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugagc</u> .....	976	0	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugagc</u> .....	2	1	seq
.....	ucacaC <u>ccagc</u> uuug <u>uaugagc</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugagc</u> .....	5	1	seq
.....	ucacagcc <u>aggcuu</u> Ca <u>ugagc</u> .....	3	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>Agagc</u> .....	5	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>uAgagc</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>Agagc</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>Agagc</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>Agagc</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>Agagc</u> .....	8	1	seq
.....	ucaca <u>A</u> cc <u>aggcuu</u> u <u>gaugagc</u> .....	10	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugagc</u> .....	25	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> U.....	12	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> U.....	9	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaug</u> C <u>cu</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaug</u> A <u>ugc</u> .....	16	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>Augagc</u> .....	10	1	seq
.....	ucacag <u>C</u> u <u>Agagc</u> uuug <u>uaugag</u> cu.....	2	1	seq
.....	Acacagcc <u>aggcuu</u> u <u>gaugag</u> cu.....	191	1	seq
.....	ucacGcc <u>aggcuu</u> u <u>gaugag</u> cu.....	10	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> C <u>gc</u> .....	13	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G.....	3	1	seq
.....	ucacaC <u>ccagc</u> uuug <u>uaugag</u> cu.....	2	1	seq
.....	ucGc <u>aggccagc</u> uuug <u>uaugag</u> cu.....	12	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> C <u>u</u> .....	6	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G.....	4	1	seq
.....	u <u>c</u> a <u>U</u> agcc <u>aggcuu</u> u <u>gaugag</u> cu.....	3	1	seq
.....	ucaca <u>U</u> cc <u>agc</u> uuug <u>uaugag</u> cu.....	5	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	14	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	5	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	4	1	seq
.....	ucacagc <u>G</u> ag <u>cuuug</u> u <u>gaugag</u> cu.....	1	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	5	1	seq
.....	C <u>cacagcc</u> agg <u>cuuug</u> u <u>gaugag</u> cu.....	25	1	seq
.....	.G <u>cacagcc</u> agg <u>cuuug</u> u <u>gaugag</u> cu.....	12	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> C <u>u</u> .....	16	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	15	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	2	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	13	1	seq
.....	ucacagc <u>A</u> gg <u>cuuug</u> u <u>gaugag</u> cu.....	1	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	1	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	1	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> C <u>u</u> .....	1	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	1	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	1	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	3	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>C</u> .....	12	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	3	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A.....	36	1	seq
.....	ucacagU <u>c</u> ag <u>cuuug</u> u <u>gaugag</u> cu.....	4	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> U <u>cu</u> .....	5	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	13	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	9	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> A <u>u</u> .....	3	1	seq
.....	ucacagcc <u>aggcuu</u> u <u>gaugag</u> G <u>u</u> .....	5	1	seq

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gcuggggcucucucaaagugguugugaaaugcauuuccgcuuuugcgccggcaauacacagccagcuuugaugagcuuuagc

.....	ucacUGCccagc	uuugaugag	cu..	1	1	seq		
.....	ucacagccagc	uuugaugG	gcu..	19	1	seq		
.....	ucacagcc	C	guuuugaugag	cu..	5	1	seq	
.....	ucacagAc	agc	uuugaugag	cu..	3	1	seq	
.....	ucCcgcc	c	guuuugaugag	cu..	14	1	seq	
.....	ucacagcca	C	uuugaugag	cu..	2	1	seq	
.....	ucacagcca	A	uuugaugag	cu..	9	1	seq	
.....	ucUcagcc	a	guuuugaugag	cu..	3	1	seq	
.....	ucacagccag	U	uuugaugag	cu..	5	1	seq	
.....	ucacagccagc	C	uuugaugag	cu..	16	1	seq	
.....	ucacagccagc	u	uuugaugag	cu..	7331	0	seq	
.....	ucacagccG	g	guuuugaugag	cu..	7	1	seq	
.....	ucacagccag	G	uuugaugag	cu..	1	1	seq	
.....	ucacagccagc	uu	uuaugag	cu..	6	1	seq	
.....	uUacagcc	c	guuuugaugag	cu..	9	1	seq	
.....	uAacagcc	a	guuuugaugag	cu..	10	1	seq	
.....	ucacagccagc	uuu	uugaG	gcu..	4	1	seq	
.....	ucacagccagc	uuu	uugaG	gcu..	1	1	seq	
.....	ucacagccagc	uuu	uugaG	cu..	1	1	seq	
.....	ucacagccagc	uuu	uugaG	cu..	29	1	seq	
.....	ucacagccagc	uuu	uugaG	cu..	1	1	seq	
.....	ucacaUccagc	uuu	uugaG	agagc	1	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	28	1	seq	
.....	ucacagcU	agc	uuu	uugaG	agagc	1	1	seq
.....	ucacagccagc	uuu	uugaG	agagc	1	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	103	0	seq	
.....	ucacagccagc	uuu	uugaG	agagc	1	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	1	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	1	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	514	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	9	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	1	1	seq	
.....	ucacagccagc	uuu	uugaG	agagc	2	1	seq	
.....	cacagccagc	uuu	uugaG	aga	1	0	seq	
.....	cacagccagc	uuu	uugaG	aga	3	0	seq	
.....	cacagccagc	uuu	uugaG	aga	1	1	seq	
.....	cacagccagc	uuu	uugaG	aga	1	1	seq	
.....	cacagccagc	uuu	uugaG	aga	1	0	seq	
.....	cacagccagc	uuu	uugaG	aga	1	1	seq	
.....	cacagccagc	uuu	uugaG	aga	31	0	seq	
.....	Aacagccagc	uuu	uugaG	aga	4	1	seq	
.....	cacagccagc	uuu	uugaG	aga	1	0	seq	
.....	cacagccagc	uuu	uugaG	aga	4	1	seq	
.....	.acagccagc	uuu	uugaG	aga	1	1	seq	
.....	.acagccagc	uuu	uugaG	aga	1	0	seq	
.....	.Ucagccagc	uuu	uugaG	aga	1	1	seq	
.....	.acagccagc	uuu	uugaG	aga	4	0	seq	
.....	.cagccagc	uuu	uugaG	aga	3	0	seq	
.....	.cagccagc	uuu	uugaG	aga	1	1	seq	
.....	.agccagc	uuu	uugaG	aga	1	1	seq	
.....	.agccagc	uuu	uugaG	aga	15	0	seq	
.....	.agccagc	uuu	uugaG	aga	1	1	seq	
.....	.gccagc	uuu	uugaG	aga	2	1	seq	