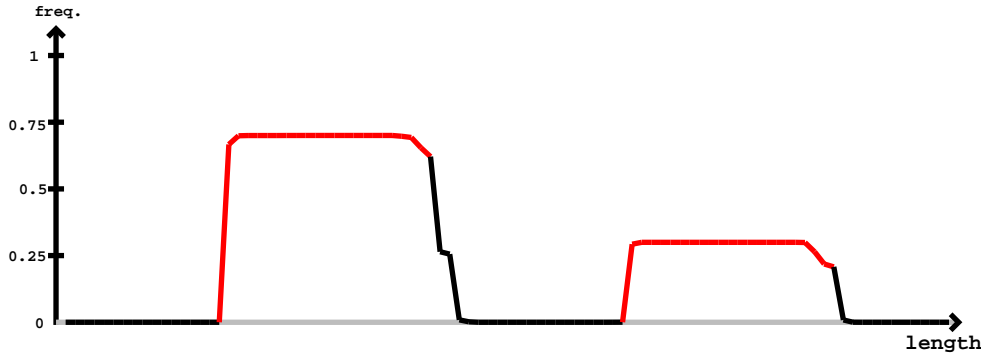


miRBase precursor : hsa-mir-30e  
 Total read count : 25176  
 hsa-miR-30e-5p read count : 17630  
 hsa-miR-30e-3p read count : 7546  
 remaining reads : 0



hsa-miR-30e-3p

hsa-miR-30e-5p

5' -	reads	mm	sample
gggcagucuuugcuac <u>uguaaac<u>auc<u>cuugac<u>uggaag</u></u></u>cguuaagguguucagaggag<u>uuucagucggauguuuuacagcggcaggcugcca</u></u>			
.....uguaaac <u>auc<u>cuugac<u>ug</u></u></u> .....	41	0	GDM
.....uguaaac <u>auc<u>cuugacuA</u></u> .....	2	1	GDM
.....uguaaac <u>auc<u>cuugacug</u></u> .....	41	0	GDM
.....uguaaac <u>auc<u>cuugaUug</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacug</u></u> .....	41	0	GDM
.....uguaaac <u>auc<u>cuugacCg</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacGg</u></u> .....	2	1	GDM
.....uguaaac <u>auc<u>cuugacuC</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	4	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	4	1	GDM
.....uguaaac <u>auc<u>cuugacugU</u></u> .....	2	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	50	0	GDM
.....uguaaac <u>auc<u>cuugacugA</u></u> .....	10	1	GDM
.....uguaaac <u>auc<u>cuugacugA</u></u> .....	10	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacugU</u></u> .....	2	1	GDM
.....Cguaac <u>auc<u>cuugacuggg</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	2	1	GDM
.....uguaaac <u>auc<u>cuugacCgg</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	50	0	GDM
.....uguaaaa <u>auc<u>cuugacuggg</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacugA</u></u> .....	10	1	GDM
.....uguaaac <u>auc<u>cuugacuggg</u></u> .....	50	0	GDM
.....uguaaac <u>auc<u>cuugacugga</u></u> .....	7	1	GDM
.....uguaaac <u>auc<u>cuugacugga</u></u> .....	47	1	GDM
.....uAuaaac <u>auc<u>cuugacugga</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacugga</u></u> .....	402	0	GDM
.....uguaaac <u>auc<u>cuugacuCga</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacugga</u></u> .....	1	1	GDM
.....uguaG <u>auc<u>cuugacugga</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacugga</u></u> .....	1	1	GDM
.....uguaaac <u>auc<u>cuugacugga</u></u> .....	123	1	GDM
.....uguaaac <u>auc<u>cuugacuAga</u></u> .....	2	1	GDM

hsa-miR-30e-5p

gggcagucuuugcuaacuguaaaacauccuugacuggaagcuguaagguguucagaggagcuuucagucggauguuuuacagcggcaggcugcca

.....uguaaaacauccuugaUugga.....	1	1	GDM
.....uUuaaaacauccuugacugga.....	1	1	GDM
.....uguaaacauUcuugacugga.....	47	1	GDM
.....uguaaaacauccuugGcugga.....	5	1	GDM
.....uguaaaacauccuugacuggU.....	1	1	GDM
.....uguaUacaucuuugacugga.....	1	1	GDM
.....uguaaaacauccuugacugga.....	402	0	GDM
.....uguaaaaUauccuugacugga.....	1	1	GDM
.....uguaaaacaucUuugacugga.....	123	1	GDM
.....Cguaaaacauccuugacugga.....	1	1	GDM
.....Aguaaaacauccuugacugga.....	1	1	GDM
.....uguGaacaucuuugacugga.....	1	1	GDM
.....ugCaacaucuuugacugga.....	3	1	GDM
.....uguaaaacauccuugGcugga.....	5	1	GDM
.....uguaaaacauccuugGcugga.....	5	1	GDM
.....uguaaaacauccuugacuggG.....	1	1	GDM
.....uguaaaacauccCugacugga.....	7	1	GDM
.....uguaaCcaucuuugacugga.....	1	1	GDM
.....uguaaaacauccuugacugga.....	402	0	GDM
.....uguaaaacauccuugacCgga.....	2	1	GDM
.....uguaaacauUcuugacugga.....	47	1	GDM
.....uguaaaacauccuAgacugga.....	1	1	GDM
.....ugCaacaucuuugacugga.....	3	1	GDM
.....uguaaaacauccCugacugga.....	7	1	GDM
.....uguaaaacaucUuugacugga.....	123	1	GDM
.....uguaaaacauccuugacugAa.....	4	1	GDM
.....uguaaaaAauccuugacugga.....	1	1	GDM
.....uguaaaacauccuugacugAa.....	4	1	GDM
.....uguaaacauUcuugacuggaa.....	7	1	GDM
.....uguaaacauUcuugacuggaa.....	7	1	GDM
.....uguaaaacauccCugacuggaa.....	4	1	GDM
.....uguaaaacauccuugacuggaU.....	1	1	GDM
.....uguaaaacauccuugacuggaa.....	81	0	GDM
.....uguaaacauUcuugacuggaa.....	7	1	GDM
.....uguaaaacauccuugacuggaG.....	1	1	GDM
.....uguaaaacauccuugaAuggaa.....	1	1	GDM
.....uAuaaaacauccuugacugga.....	1	1	GDM
.....uguaaaacaucUuugacuggaa.....	509	1	GDM
.....uguaGacaucuuugacuggaa.....	2	1	GDM
.....uguaaacaCccuugacuggaa.....	1	1	GDM
.....uguaaaacauccuugacuggaa.....	81	0	GDM
.....uguaaaacauccuugacuggaa.....	81	0	GDM
.....uguaaaacaucUuugacuggaa.....	509	1	GDM
.....uguaaaacaucUuugacuggaa.....	509	1	GDM
.....uguaaaacauccuugacuggaaU.....	3	1	GDM
.....ugCaacaucuuugacuggaag.....	14	1	GDM
.....uguaaaacauccuugacuUgaag.....	1	1	GDM
.....uguaaaacauccuugacCggaag.....	14	1	GDM
.....uguaaacauAcuugacuggaag.....	3	1	GDM
.....uguaaacauUcuugacuggaag.....	292	1	GDM
.....uguaaaacauccCugacuggaag.....	40	1	GDM
.....uguaUacaucuuugacuggaag.....	5	1	GDM
.....uguaaaacauccuugacuggaag.....	3923	0	GDM
.....uguaaaaUauccuugacuggaag.....	7	1	GDM
.....uguaaaacauccuuAacuggaag.....	5	1	GDM
.....uguaaaacauccuugacuggaCg.....	237	1	GDM
.....uguaaaacauccuugacCggaag.....	14	1	GDM
.....uguaaaacauccuugacuggaGg.....	27	1	GDM
.....uguGaacaucuuugacuggaag.....	15	1	GDM
.....uguGaacaucuuugacuggaag.....	15	1	GDM
.....uguaaacauUcuugacuggaag.....	292	1	GDM
.....uguaaacUuccuugacuggaag.....	3	1	GDM
.....uguaaCcaucuuugacuggaag.....	7	1	GDM
.....uguaaacaCccuugacuggaag.....	21	1	GDM
.....uguaGacaucuuugacuggaag.....	36	1	GDM
.....Cguaaaacauccuugacuggaag.....	23	1	GDM
.....uguaaaacauccuugGcuggaag.....	26	1	GDM
.....ugCaacaucuuugacuggaag.....	14	1	GDM
.....uguaaaacauccuugacAggaag.....	3	1	GDM

hsa-miR-30e-5p

gggcagucuuugcuacuguaaacauccuugacugggaagcuguaagguguucagaggagcuuucagucggauguuuuacagcggcaggcugcca

.....uguaGaca <u>cauccuugacug</u> ggaag.....	36	1	GDM
.....uguaaa <u>cauccuugacug</u> ggaGg.....	27	1	GDM
.....uguaaa <u>caucUuugacug</u> ggaag.....	345	1	GDM
.....uguUaa <u>cauccuugacug</u> ggaag.....	1	1	GDM
.....uguaaa <u>cauccuugacug</u> ggaag.....	3923	0	GDM
.....A <u>gu</u> aaa <u>cauccuugacug</u> ggaag.....	12	1	GDM
.....uguaaa <u>cauccA</u> ugacuggaag.....	3	1	GDM
.....uguaaa <u>cauU</u> cuugacuggaag.....	292	1	GDM
.....uguaaa <u>cauccuugac</u> Gggaag.....	2	1	GDM
.....uguaaa <u>cauccuugacu</u> Agaag.....	6	1	GDM
.....uguaaa <u>cauccuuga</u> Uuggaag.....	1	1	GDM
.....uguGaa <u>cauccuugacug</u> ggaag.....	15	1	GDM
.....uguaaa <u>cauccuugacug</u> gaaC.....	2	1	GDM
.....uguaaa <u>cauccuA</u> gacuggaag.....	2	1	GDM
.....uguaaa <u>cauccuugC</u> uggaag.....	4	1	GDM
.....uUuaaa <u>cauccuugacug</u> ggaag.....	1	1	GDM
.....ugCaaa <u>cauccuugacug</u> ggaag.....	14	1	GDM
.....uguaaa <u>cauccuugac</u> Aggaag.....	3	1	GDM
.....uguaaa <u>caucUuugacug</u> ggaag.....	345	1	GDM
.....uguaaa <u>caucU</u> ccuugacuggaag.....	17	1	GDM
.....uguaaa <u>cauccuugacu</u> Agaag.....	6	1	GDM
.....uguaaa <u>cauccuugacug</u> gaaU.....	3	1	GDM
.....uguaaa <u>cauccuugC</u> uggaag.....	26	1	GDM
.....uguaCaa <u>cauccuugacug</u> ggaag.....	1	1	GDM
.....A <u>gu</u> aaa <u>cauccuugacug</u> ggaag.....	12	1	GDM
.....uguaaa <u>cauccuugacu</u> gUaag.....	1	1	GDM
.....uguaGaa <u>cauccuugacug</u> ggaag.....	36	1	GDM
.....C <u>gu</u> aaa <u>cauccuugacug</u> ggaag.....	23	1	GDM
.....uguaaa <u>caA</u> ccuugacuggaag.....	1	1	GDM
.....uguaaa <u>caC</u> ccuugacuggaag.....	21	1	GDM
.....uguaaa <u>cauccuugacug</u> ggaag.....	3923	0	GDM
.....uguaaa <u>cauccuugacu</u> ggUag.....	3	1	GDM
.....uguaaa <u>cauccuugU</u> cuuggaag.....	3	1	GDM
.....uguaaa <u>cauccuugac</u> Cggaag.....	14	1	GDM
.....uguaaa <u>cauccuugacug</u> ggaGg.....	27	1	GDM
.....uguaaa <u>cauccuugac</u> uggaag.....	2	1	GDM
.....uguaaCca <u>cauccuugacug</u> ggaag.....	7	1	GDM
.....uguaaCca <u>cauccuugacug</u> ggaag.....	7	1	GDM
.....uguaaa <u>caucU</u> ccuugacuggaag.....	3	1	GDM
.....uguaaa <u>cauccuugC</u> uggaag.....	26	1	GDM
.....uguaaa <u>cauccuugacug</u> gaaA.....	195	1	GDM
.....uguaaa <u>cauccuugacug</u> gaaC.....	2	1	GDM
.....uAuaaa <u>cauccuugacug</u> ggaag.....	1	1	GDM
.....uguaaa <u>cauccuugacu</u> ggaag.....	2	1	GDM
.....C <u>gu</u> aaa <u>cauccuugacug</u> ggaag.....	23	1	GDM
.....uguaaa <u>cauA</u> cuugacuggaag.....	3	1	GDM
.....uguaaa <u>Ua</u> ccuugacuggaag.....	7	1	GDM
.....uguaaa <u>caucA</u> uugacuggaag.....	1	1	GDM
.....uguaaa <u>cauccuugacug</u> gaaA.....	195	1	GDM
.....uguaaa <u>cauccuugacug</u> gaaU.....	3	1	GDM
.....uguaaa <u>cauccuA</u> acuggaag.....	5	1	GDM
.....uguaaa <u>cauccA</u> ugacuggaag.....	3	1	GDM
.....uguaaa <u>cauccC</u> ugacuggaag.....	40	1	GDM
.....uguaUaa <u>cauccuugacug</u> ggaag.....	5	1	GDM
.....uguaaa <u>cauccuU</u> acuggaag.....	1	1	GDM
.....uguaaa <u>caucU</u> ccuugacuggaag.....	17	1	GDM
.....uguaaa <u>cauccC</u> ugacuggaag.....	40	1	GDM
.....uguaaUca <u>cauccuugacug</u> ggaag.....	2	1	GDM
.....uguaaa <u>cauccuA</u> acuggaag.....	5	1	GDM
.....uguaaa <u>caucUuugacug</u> ggaag.....	345	1	GDM
.....uguaaa <u>cauccuugac</u> Gggaag.....	2	1	GDM
.....uguaaa <u>cauccuugC</u> uggaag.....	4	1	GDM
.....uguaaa <u>cauccuugacu</u> gAaag.....	1	1	GDM
.....uguaaa <u>caucU</u> ccuugacuggaag.....	17	1	GDM
.....uguaaa <u>cauccuugacug</u> gaaA.....	195	1	GDM
.....uguaaa <u>cauccuugacug</u> ggaCg.....	237	1	GDM
.....A <u>gu</u> aaa <u>cauccuugacug</u> ggaag.....	12	1	GDM
.....uguaaa <u>cauccuugacu</u> ggUag.....	3	1	GDM
.....uguaaa <u>cauccuugacug</u> ggaUg.....	1	1	GDM

hsa-miR-30e-5p

gggcagucuuugcuacuguaaacauccuugacuggaagcguuaagguguucagaggagcuuucagucggauguuuuacagcggcaggcugcca

.....uguaaacaC <u>ccuugacuggaag</u> .....	21	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	55	0	GDM
.....uguaaaca <u>ccuugacuggaagU</u> .....	13	1	GDM
.....uguaaaca <u>ccuugacuggaagU</u> .....	13	1	GDM
.....uguaaaca <u>ccuugacCggaagc</u> .....	2	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	5	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	1	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	3	1	GDM
.....uguaaaca <u>ccuugacuggaagA</u> .....	12	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	55	0	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	55	0	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	1	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	5	1	GDM
.....uguaaaca <u>ccuugacuggaagA</u> .....	12	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	3	1	GDM
.....uguaaaca <u>ccuugacuggaagU</u> .....	13	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	5	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	3	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	3	1	GDM
.....uguaaaca <u>ccuugacuggaagA</u> .....	12	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	11	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	1	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	10	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	5	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	2	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	10	1	GDM
.....uguaaaca <u>ccuugacuggaagU</u> .....	2	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	85	1	GDM
.....uguaaaca <u>ccuugacuggaagc</u> .....	31	1	GDM
.....u <u>U</u> uaaaca <u>ccuugacuggaagc</u> .....	1	1	GDM
.....C <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	12	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	14	1	GDM
.....u <u>G</u> aaaca <u>ccuugacuggaagc</u> .....	3	1	GDM
.....u <u>G</u> aaaca <u>ccuugacuggaagc</u> .....	3	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagcA</u> .....	102	1	GDM
.....u <u>g</u> Caaca <u>ccuugacuggaagc</u> .....	11	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagcC</u> .....	199	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	2	1	GDM
.....u <u>A</u> uaaaca <u>ccuugacuggaagc</u> .....	1	1	GDM
.....u <u>g</u> uaaCa <u>ccuugacuggaagc</u> .....	3	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuAgaagc</u> .....	4	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	85	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagAu</u> .....	1	1	GDM
.....u <u>g</u> uaaaca <u>ccuuaAcuggaagc</u> .....	1	1	GDM
.....u <u>g</u> uaaacaC <u>ccuugacuggaagc</u> .....	6	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	31	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	2	1	GDM
.....u <u>g</u> uaaaca <u>ccuugGcuggaagc</u> .....	14	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacCggaagc</u> .....	12	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	1	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaUgc</u> .....	3	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacGggaagc</u> .....	1	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacCggaagc</u> .....	12	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuUgaagc</u> .....	1	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	2	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuAgaagc</u> .....	2	1	GDM
.....u <u>g</u> uaaCa <u>ccuugacuggaagc</u> .....	10	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaA<u>lc</u></u> .....	1	1	GDM
.....u <u>g</u> uaaCa <u>ccuugacuggaagc</u> .....	11	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	85	1	GDM
.....u <u>g</u> uaaaca <u>ccuugGcuggaagc</u> .....	14	1	GDM
.....u <u>g</u> uaaCa <u>ccuugacuggaagc</u> .....	11	1	GDM
.....A <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	2	1	GDM
.....u <u>g</u> uaaCa <u>ccuugacuggaagc</u> .....	8	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagc</u> .....	2059	0	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaagU</u> .....	2	1	GDM
.....u <u>g</u> uaa <u>U</u> ca <u>ccuugacuggaagc</u> .....	2	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuAgaagc</u> .....	2	1	GDM
.....u <u>g</u> uaaaca <u>ccuugacuggaGgc</u> .....	14	1	GDM

hsa-miR-30e-5p

gggcagucuuugcuacguaaaacauccuugacuggaagcguuaagguguucagaggagcuuucagucggauguuuuacagcggcaggcugcca

.....uguaaaacauccuugacuggaagcG.....	24	1	GDM
.....uguaaaacauccuugGcuggaagcu.....	14	1	GDM
.....uguaaaacauccuugacuggaagcG.....	24	1	GDM
.....uguGaacauc <u>cuugacuggaagcu</u> .....	8	1	GDM
.....uguaaaac <u>uugacuggaagcu</u> .....	60	1	GDM
.....uguaaCcauc <u>cuugacuggaagcu</u> .....	3	1	GDM
.....Cguaaaacauccuugacuggaagcu.....	12	1	GDM
.....uguaaaacauccuugacAggaagcu.....	2	1	GDM
.....uguaaaacGuccuugacuggaagcu.....	10	1	GDM
.....Gguaaaacauccuugacuggaagcu.....	1	1	GDM
.....uguaaaacauccCugacuggaagcu.....	31	1	GDM
.....uguaaaacauccuUacuggaagcu.....	2	1	GDM
.....uguaaaacUuccuugacuggaagcu.....	2	1	GDM
.....uguaaaUa <u>ccuugacuggaagcu</u> .....	2	1	GDM
.....uguaaaacauccuugacuggUagcu.....	1	1	GDM
.....ugCaacauc <u>cuugacuggaagcu</u> .....	11	1	GDM
.....uguaaaacauccuugacugUaagcu.....	7	1	GDM
.....uguaaaUa <u>ccuugacuggaagcu</u> .....	2	1	GDM
.....uguaaaacGuccuugacuggaagcu.....	10	1	GDM
.....uguaaaacauccuugacuggaagcG.....	24	1	GDM
.....uguaaaacauccuugacuggaagcu.....	2059	0	GDM
.....uguaaaacauccAugacuggaagcu.....	2	1	GDM
.....uguaaaacauccuugacuggaagcC.....	199	1	GDM
.....uguaaaacauccuugacuggaagcA.....	102	1	GDM
.....uguaaaacauccuGgacuggaagcu.....	1	1	GDM
.....Cguaaaacauccuugacuggaagcu.....	12	1	GDM
.....uguaaaac <u>uugacuggaagcu</u> .....	60	1	GDM
.....uguaaaacauccuugacuAgaagcu.....	4	1	GDM
.....uguaaaacauccuugacuggaagcu.....	2059	0	GDM
.....uguaaaGauc <u>cuugacuggaagcu</u> .....	1	1	GDM
.....uguaaaacauccuAagacuggaagcu.....	1	1	GDM
.....uguaaaacauccuugacugUaagcu.....	7	1	GDM
.....uguaaaacauGcuugacuggaagcu.....	1	1	GDM
.....uguaaaacaCccuugacuggaagcu.....	6	1	GDM
.....uguaaaacauccuugacuggaCgcu.....	1	1	GDM
.....uguaaaacauccuugacuggaagcA.....	102	1	GDM
.....ugGaaacauccuugacuggaagcu.....	3	1	GDM
.....uguaaaacauccuugacuggaUgcu.....	3	1	GDM
.....uCuaaaacauccuugacuggaagcu.....	1	1	GDM
.....ugAaaacauccuugacuggaagcu.....	5	1	GDM
.....uguaaaacauccuugacuggaGgcu.....	14	1	GDM
.....uguaaaacauccuugacuggaagcC.....	199	1	GDM
.....ugCaacauc <u>cuugacuggaagcu</u> .....	11	1	GDM
.....uguaaaacauccuCacuggaagcu.....	1	1	GDM
.....uguaaaac <u>uugacuggaagcu</u> .....	60	1	GDM
.....uguaaaacauccuugacAggaagcu.....	2	1	GDM
.....uguaaaacauccuugaUggaagcu.....	1	1	GDM
.....uguaaaacauccuugacugAaagcu.....	1	1	GDM
.....uguaaaacauccuugacuggaagcuU.....	47	1	GDM
.....uguaaaacauccuugacuggaagcuA.....	3	1	GDM
.....uguaaaacauccuugacuggaagcuC.....	1	1	GDM
.....uguaaaacauccuugacuggaagcuU.....	47	1	GDM
.....uguaaaacauccuugacuggaagcug.....	1	0	GDM
.....uguaaaacauccuugacuggaagcuU.....	47	1	GDM
.....uguaaaacauccuugacuggaagcuUu.....	2	1	GDM
.....uguaaaacauccuugacuggaagcuUu.....	2	1	GDM
.....guaaaacauccuugacugga.....	7	0	GDM
.....guaaaac <u>uugacugga</u> .....	1	1	GDM
.....guaaaacauccuugacugAa.....	1	1	GDM
.....guaaaacauccuugacugga.....	7	0	GDM
.....guaaaac <u>uugacugga</u> .....	8	1	GDM
.....guaaaac <u>uugacugga</u> .....	8	1	GDM
.....guaaaac <u>uugacugga</u> .....	8	1	GDM
.....guGaacauc <u>cuugacuggaag</u> .....	2	1	GDM
.....guaaCcauc <u>cuugacuggaag</u> .....	1	1	GDM
.....guaaaac <u>uugacuggaag</u> .....	23	1	GDM
.....guaaaacaCccuugacuggaag.....	2	1	GDM
.....guaaaacauccuugacuggaag.....	61	0	GDM
.....guaaaac <u>uugacuggaag</u> .....	23	1	GDM

hsa-miR-30e-5p

gggcagucuuugcuacuguaaacaucuuugacuggaagcuguaagguguucagaggagcuuucagucggauuuuacagcggcaggcugcca

.....guaaaacauUuugacuggaag.....	23	1	GDM
.....guaaaacauccuugGcuggaag.....	1	1	GDM
.....guaaaacaCccuugacuggaag.....	2	1	GDM
.....guaaaacauUcuugacuggaag.....	2	1	GDM
.....guaaaacauccCugacuggaag.....	1	1	GDM
.....guaaaacauccuugacuggaAA.....	4	1	GDM
.....guaaaacauccuugacuggaag.....	61	0	GDM
.....guaaaacauccuugacuggaAA.....	4	1	GDM
.....guaaaacauccuugacuggaCg.....	4	1	GDM
.....guaaaacauccuugacuggaag.....	61	0	GDM
.....Auaaaacauccuugacuggaag.....	1	1	GDM
.....guaaaacauccuugacuggaagU.....	1	1	GDM
.....guaaaacauccuugacuggaagc.....	1	0	GDM
.....guaGacaucuuugacuggaagcu.....	1	1	GDM
.....guaaaacauccuugacuggaagcG.....	2	1	GDM
.....guaaaacauccuugacuggaagcC.....	8	1	GDM
.....Auaaaacauccuugacuggaagcu.....	2	1	GDM
.....guaaaacaCccuugacuggaagcu.....	1	1	GDM
.....guaaaacauccuugacuggaagcu.....	221	0	GDM
.....guaaaacauccuugacuggaagU.....	2	1	GDM
.....guaaaacauccuugacuggaagcu.....	221	0	GDM
.....guaaaacauccCugacuggaagcu.....	1	1	GDM
.....guaaaacauccuugacuggaGgcu.....	4	1	GDM
.....guaaaacauccuugacuggaagcA.....	8	1	GDM
.....guaaaacauUuugacuggaagcu.....	16	1	GDM
.....guaaaacauccuugacuggaagcu.....	221	0	GDM
.....guaaaacauUuugacuggaagcu.....	16	1	GDM
.....guaaaacauccuugGcuggaagcu.....	1	1	GDM
.....guaaaacauccuugacuggaagcC.....	8	1	GDM
.....guUaaacauccuugacuggaagcu.....	1	1	GDM
.....guGaaacauccuugacuggaagcu.....	1	1	GDM
.....guaaaacauccuugacuggaagcA.....	8	1	GDM
.....guaaaacauUuugacuggaagcu.....	16	1	GDM
.....guaaaacauccuugacuggaGgcu.....	4	1	GDM
.....guaaaacauccuugacuggaagcA.....	8	1	GDM
.....guaaaacauGcuugacuggaagcu.....	2	1	GDM
.....guaaaacauccuugacuggaAAcu.....	1	1	GDM
.....guaaaacauccuugacuggaagcG.....	2	1	GDM
.....guaaaacauccuugacuggaagcC.....	8	1	GDM
.....guaaTUcaucuuugacuggaagcu.....	1	1	GDM
.....guaaaacauccuugacuggaGgcu.....	4	1	GDM
.....guaaaacauUcuugacuggaagcu.....	2	1	GDM
.....Auaaaacauccuugacuggaagcu.....	2	1	GDM
.....guaaaacauccuugacuggaagcug.....	20	0	GDM
.....guaaaacauccuugGcuggaagcug.....	1	1	GDM
.....guaaaacauUuugacuggaagcug.....	2	1	GDM
.....guaaaacauccuugacuggaagcug.....	20	0	GDM
.....guaaaacauccCugacuggaagcug.....	1	1	GDM
.....guaaaacauccuugaUuggaagcug.....	1	1	GDM
.....guaaaacauccuugacuggaagcuU.....	1	1	GDM
.....guaaaacauccuugacuggaagcCg.....	1	1	GDM
.....guaaaacaGccuugacuggaagcug.....	1	1	GDM
.....guaaaacauccuugacuggaagcug.....	20	0	GDM
.....uaaaacauccuugacuggaagcu.....	5	0	GDM
.....uaaaacauccuugacuggaagcu.....	5	0	GDM
.....uaGacaucuuugacuggaagcu.....	1	1	GDM
.....uaaaacauccuugacuggaagcA.....	1	1	GDM
.....uaaaacauccuugacuggaagcug.....	1	0	GDM
.....uaaaacauccuugacuggaagcGg.....	1	1	GDM
.....cauccuugacuggaagcu.....	4	0	GDM
.....agcuuuucagucggauuu.....	2	0	GDM
.....gcuuuucagucggauuuuac.....	1	0	GDM
.....gcuuuucagucggauuuuacagc.....	1	0	GDM
.....cuuuucagucggauuuua.....	5	0	GDM
.....cCuucagucggauuuua.....	1	1	GDM
.....cuuuucagucggauuuua.....	5	0	GDM
.....cuuuucagucgAauguuuac.....	1	1	GDM
.....cuuucagucggauuuuac.....	5	1	GDM
.....cuuuucagucggauuuuaA.....	8	1	GDM

gggcagucuuugcuacuguaaacaucuccuugacuggaagcuguaagguguucagaggagcuuucagucgggauguuuacagcggcaggcugcca

.....cuuucagucgggauguuuU.....	44	1	GDM
.....cuuucagucgggauguuuU.....	44	1	GDM
.....cuuucagucggUuguuuac.....	1	1	GDM
.....cCuucagucgggauguuuac.....	3	1	GDM
.....cuCucagucgggauguuuac.....	1	1	GDM
.....cCuucagucgggauguuuac.....	3	1	GDM
.....cuuucagucgggauguuuac.....	380	0	GDM
.....cuuucagCcggauguuuac.....	2	1	GDM
.....cuuucagucgggauguuCa.....	1	1	GDM
.....cuuucagucgggauguCuac.....	3	1	GDM
.....cuuucAucgggauguuuac.....	1	1	GDM
.....cuuucagucgggauguuuA.....	8	1	GDM
.....cuuucagCcggauguuuac.....	2	1	GDM
.....cuuucGgucgggauguuuac.....	1	1	GDM
.....Uuuucagucgggauguuuac.....	3	1	GDM
.....cuuGcagucgggauguuuac.....	1	1	GDM
.....cuuCcagucgggauguuuac.....	5	1	GDM
.....Uuuucagucgggauguuuac.....	3	1	GDM
.....cuuucagucAgauguuuac.....	1	1	GDM
.....cuuucagucgggauguuuac.....	380	0	GDM
.....cCuucagucgggauguuuac.....	3	1	GDM
.....cuuucagucgggauguuuac.....	380	0	GDM
.....cuuucagucgggauguuuA.....	8	1	GDM
.....cuuucagucgggauguuuU.....	44	1	GDM
.....cuuucagucggGuguuuac.....	1	1	GDM
.....cuuucagucgggauguuuG.....	1	1	GDM
.....cuuucagucgggauguCuac.....	3	1	GDM
.....cuuuUagucgggauguuuac.....	3	1	GDM
.....cuuucagucgggaugAuuac.....	2	1	GDM
.....cuuCcagucgggauguuuac.....	5	1	GDM
.....cuuucagucgggauguuuacU.....	5	1	GDM
.....cuuucagucgggauguuuaca.....	570	0	GDM
.....cuuucagucggUuguuuaca.....	1	1	GDM
.....cuuucagucgggauguuuacG.....	4	1	GDM
.....cuuucagucggGuguuuaca.....	3	1	GDM
.....cCuucagucgggauguuuaca.....	2	1	GDM
.....cuuucagAcgggauguuuaca.....	2	1	GDM
.....cuCucagucgggauguuuaca.....	4	1	GDM
.....cuuucagucgggaugCuuaca.....	5	1	GDM
.....cuuucagucgggauguuCa.....	1	1	GDM
.....cuuucagucgggauguuuacG.....	4	1	GDM
.....cuuucagucgggaugAuuaca.....	1	1	GDM
.....cuuucagGcggauguuuaca.....	1	1	GDM
.....cuuucagucgggaugAuuaca.....	1	1	GDM
.....cAuucagucgggauguuuaca.....	1	1	GDM
.....cuuucagucgggauguuuaca.....	570	0	GDM
.....cuuucagucgggauguuuacU.....	5	1	GDM
.....cuCucagucgggauguuuaca.....	4	1	GDM
.....cuuucagucgggaugCuuaca.....	5	1	GDM
.....cuuucGgucgggauguuuaca.....	3	1	GDM
.....Auuucagucgggauguuuaca.....	1	1	GDM
.....cuuucagucgggauguCuaca.....	2	1	GDM
.....cuuucagucgggauguuuaca.....	570	0	GDM
.....cuuucagCcggauguuuaca.....	2	1	GDM
.....cuuucagucgggaugGuuaca.....	1	1	GDM
.....cuuucagucgggaCguuuaca.....	3	1	GDM
.....cuuCcagucgggauguuuaca.....	6	1	GDM
.....cuuCcagucgggauguuuaca.....	6	1	GDM
.....cuuucagucgAauguuuaca.....	2	1	GDM
.....cuuucagucggGuguuuaca.....	3	1	GDM
.....cuuucUgucgggauguuuaca.....	1	1	GDM
.....cuCucagucgggauguuuaca.....	4	1	GDM
.....cuuucagAcgggauguuuaca.....	2	1	GDM
.....cuuCcagucgggauguuuaca.....	6	1	GDM
.....cuuucGgucgggauguuuaca.....	3	1	GDM
.....cuuucagucgAauguuuaca.....	2	1	GDM
.....cuuucagucggCuguuuaca.....	1	1	GDM
.....cuuucagucgggaugCuuaca.....	5	1	GDM
.....cuuucagucgggauguCuaca.....	2	1	GDM

gggcagucuuugcuacuguaaacauccuugacuggaagcuguaagguguucagaggagcuuucagucggauuuuacagcggcaggcugcca

.....cCuucagucggauuuuacag.....	1	1	GDM
.....cuuucagucggauuuuacaA.....	7	1	GDM
.....cuuucagucggauuuuacaC.....	1	1	GDM
.....cuuucagucggauuuuacGg.....	1	1	GDM
.....cuuucagucggauuuuacag.....	122	0	GDM
.....cuuucagucggauuuuacaA.....	7	1	GDM
.....cuuucaguuUggauguuuacag.....	2	1	GDM
.....cuuucagucggauuuuacUg.....	1	1	GDM
.....cuuucagucggauuuuacaA.....	7	1	GDM
.....cuuucagucggauuuuacag.....	122	0	GDM
.....cuuucagucggauuuuacag.....	122	0	GDM
.....cuuucagCcggauguuuacag.....	2	1	GDM
.....cuuucagucgAauguuuacag.....	1	1	GDM
.....cuuucagucggauUuuuacag.....	1	1	GDM
.....cuuucagucggauuuuacCg.....	3	1	GDM
.....cuuucagucggauuuuacaCc.....	3	1	GDM
.....cuuucagucggauuuuacagU.....	1987	1	GDM
.....cuuucagucggauuuuacagc.....	333	0	GDM
.....cuuucagucggacGuuuuacagc.....	3	1	GDM
.....cuuucagucggauuuuacGgc.....	3	1	GDM
.....cuuucAucggauuuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacagc.....	333	0	GDM
.....cuuucGgucggauuuuacagc.....	1	1	GDM
.....cuCucagucggauuuuacagc.....	2	1	GDM
.....cuuucagucgAauguuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacagc.....	2	1	GDM
.....cuuucagucggacGuuuuacagc.....	3	1	GDM
.....cuuucagucggauuuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacagA.....	168	1	GDM
.....cuuucagucggauuuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacUgc.....	2	1	GDM
.....cuuucagucggauuuuacagU.....	1987	1	GDM
.....cuuucagucggauuuuacagG.....	15	1	GDM
.....cCuucagucggauuuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacGgc.....	3	1	GDM
.....cuuucagucggauuuuacUagc.....	1	1	GDM
.....cuuucUgucggauuuuacagc.....	3	1	GDM
.....cuuucagucggacGuuuuacagc.....	3	1	GDM
.....cuuucagucggauuuuacagG.....	15	1	GDM
.....cuuucagucggauuuuacagc.....	3	1	GDM
.....cuuucagucggauuuuacaCc.....	3	1	GDM
.....cuuucUgucggauuuuacagc.....	3	1	GDM
.....cuuuUagucggauuuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacagU.....	1987	1	GDM
.....cuuucagucggauuuuacagc.....	2	1	GDM
.....cuuucagucggauuuuacagA.....	168	1	GDM
.....cuuucagucggauuuuacagG.....	15	1	GDM
.....cuuucagCcggauguuuacagc.....	2	1	GDM
.....cuGucagucggauuuuacagc.....	1	1	GDM
.....cuuucaguuUggauguuuacagc.....	4	1	GDM
.....cuuucagucggauuuuacagc.....	333	0	GDM
.....cuuucagucAauguuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacUgc.....	2	1	GDM
.....cuuucagucggauuuuacagc.....	3	1	GDM
.....cuuucagucggauuuuacagc.....	1	1	GDM
.....cuuucagucggauuuuacagA.....	168	1	GDM
.....cuuucagucggauuuuacagc.....	1	1	GDM
.....cuuucaguuUggauguuuacagc.....	4	1	GDM
.....cuuucagucggauuuuacagcU.....	15	1	GDM
.....cuuucagucggauuuuacagcU.....	15	1	GDM
.....cuuucagucggauuuuacagcA.....	34	1	GDM
.....cuuucagucggauuuuacagUg.....	10	1	GDM
.....cuuucagucggauuuuacagcU.....	15	1	GDM
.....cuuucagucggauuuuacagUg.....	10	1	GDM
.....cuuucagucggauuuuacagAg.....	1	1	GDM
.....cuuucagucggauuuuacagcg.....	5	0	GDM
.....cuuucagucggauuuuacagcA.....	34	1	GDM
.....cuuucagucggauuuuacagcA.....	34	1	GDM
.....cuuucagucggauuuuacagcC.....	2	1	GDM



hsa-miR-30e-5p

gggcagucuuugcuacuguaaacaucuccugacuggaagcuguaagguguucagaggagcuuucagucggauguuuacagcggcaggcugcca

.....cuuucagucggauguuuacagGg.....	1	1	GDM
.....cuuucagucggauguuuacagUg.....	10	1	GDM
.....cuuucagucggauguuuacagAg.....	2	1	GDM
.....uuucagucggauguuuU.....	6	1	GDM
.....uuucagucggauguuuac.....	18	0	GDM
.....uuucagucggauguuuac.....	18	0	GDM
.....uuucagucggauguuuU.....	6	1	GDM
.....uuucagucggauguuuac.....	18	0	GDM
.....uuucagucggauguuuaca.....	2	0	GDM
.....uuucagucgUauguuuaca.....	1	1	GDM
.....uuucagucggauguuuacagU.....	24	1	GDM
.....uuucagucggauguuuacagc.....	7	0	GDM
.....uuucagucggauguuuacagU.....	24	1	GDM
.....uuucagucggauguuuacagA.....	4	1	GDM
.....uuucagucggauguuuacagc.....	7	0	GDM
.....uuucagucggauguuuacaUc.....	1	1	GDM
.....uuucagucggauguuuacagU.....	24	1	GDM
.....uuucagucggauguuuacagA.....	4	1	GDM
.....uuucagucggauguuuacagcU.....	26	1	GDM
.....uuucagucggauguuuacagcA.....	6	1	GDM
.....uuucagucggauguuuacagcU.....	26	1	GDM
.....uuucagucggauguuuacagcC.....	1	1	GDM
.....uuucagucggauguuuacagcA.....	6	1	GDM
.....uuucagucggauguuuacagcU.....	26	1	GDM
.....ucagucggauguuuacagcgU.....	1	1	GDM
.....Aguaaacaucuccugacug.....	1	1	Z2_
.....uguaaacaucuccugacuA.....	1	1	Z2_
.....uguaaacaucuccugacug.....	7	0	Z2_
.....uguaaacaucuccugacug.....	1	1	Z2_
.....uguaaacaucuccugacugg.....	9	0	Z2_
.....uguaaacaucUuugacugg.....	1	1	Z2_
.....uguaaacaAuccugacugg.....	1	1	Z2_
.....uguaaacaUcuugacugg.....	1	1	Z2_
.....uguaaacaUcuugacugga.....	7	1	Z2_
.....uguaaacaucuccugacugga.....	102	0	Z2_
.....uguaaacaucuccugacCgga.....	1	1	Z2_
.....uguaaacaucUuugacugga.....	15	1	Z2_
.....uguaaacaucuccugacugga.....	4	1	Z2_
.....uguaaacaucuccugacuggG.....	1	1	Z2_
.....uguaaacaCccuugacugga.....	4	1	Z2_
.....uguaaacaucuccugUcugga.....	1	1	Z2_
.....ugUGaacauccuugacuggaa.....	1	1	Z2_
.....uguaaacaucuccugacuggaa.....	2	1	Z2_
.....uguaaacaucuccugacuggaa.....	19	0	Z2_
.....uguaaacaucUuugacuggaa.....	52	1	Z2_
.....uguaaacaucuccugacuggaag.....	7	1	Z2_
.....uguaaacaucuccugacAggaag.....	2	1	Z2_
.....uguaaacaucuccugacuggaag.....	1173	0	Z2_
.....Cguaaacaucuccuugacuggaag.....	11	1	Z2_
.....uUuaaacaucuccuugacuggaag.....	1	1	Z2_
.....uguaaacaUcuugacuggaag.....	50	1	Z2_
.....uguaCaauccuugacuggaag.....	1	1	Z2_
.....uguaaUcauccuugacuggaag.....	1	1	Z2_
.....uguaaacaucuccuugacuggaaC.....	1	1	Z2_
.....uguaaacaUcuugacuggaag.....	1	1	Z2_
.....ugGaaacaucuccuugacuggaag.....	1	1	Z2_
.....uguaaacaucuccuugacuggaUg.....	1	1	Z2_
.....uguaGacaucuccuugacuggaag.....	2	1	Z2_
.....uguaaCcauccuugacuggaag.....	3	1	Z2_
.....uAuaaacaucuccuugacuggaag.....	3	1	Z2_
.....uguaaacaucuccuugacugCaag.....	1	1	Z2_
.....uguaaacaucuccuugacCggaag.....	1	1	Z2_
.....ugCaaacaucuccuugacuggaag.....	3	1	Z2_
.....uguaaacaucuccuugCuggaag.....	2	1	Z2_
.....uguaaacaucuccuugUcuggaag.....	2	1	Z2_
.....uguaaacaucuccuAgacuggaag.....	1	1	Z2_
.....uguaaacaucuccuugacuggaaU.....	2	1	Z2_
.....Aguaaacaucuccuugacuggaag.....	1	1	Z2_

hsa-miR-30e-5p

gggcagucuuugcuacuguaaacaucuccuugacuggaagcuguaagguguucagaggagcuuucagucggauguuuuacagcggcaggcugcca

.....uguaaacaGccuugacuggaag.....	3	1	Z2_
.....uguaaacaCccuugacuggaag.....	7	1	Z2_
.....uguaUacaucuccuugacuggaag.....	1	1	Z2_
.....uguaaacaucuccuugacuAgaag.....	2	1	Z2_
.....uguGaacaucuccuugacuggaag.....	10	1	Z2_
.....uguaaacaucuccuugacuggaAA.....	36	1	Z2_
.....uguaaacaucuccuugacuggaGg.....	16	1	Z2_
.....uguaaacGuccuugacuggaag.....	6	1	Z2_
.....uguaaacaucUuugacuggaag.....	103	1	Z2_
.....uguaaacaucuccuugacugUaag.....	5	1	Z2_
.....uguaaacaucuccuAacuggaag.....	1	1	Z2_
.....uguCaacaucuccuugacuggaag.....	1	1	Z2_
.....uguaaacaucuccuugacuggaagA.....	4	1	Z2_
.....uguaaacaUcuugacuggaagc.....	8	1	Z2_
.....uguaaacaucuccuugacuggaagc.....	39	0	Z2_
.....ugCaacaucuccuugacuggaagc.....	1	1	Z2_
.....uguaaacaucuccuugacCggaagc.....	1	1	Z2_
.....uguaaacaucCugacuggaagc.....	6	1	Z2_
.....uguaaacaucuccuugacuggaagU.....	6	1	Z2_
.....uguaaCcaucuccuugacuggaagc.....	1	1	Z2_
.....uguaaacaucAuugacuggaagcu.....	1	1	Z2_
.....uguaaacaucuccuugGcuggaagcu.....	7	1	Z2_
.....uguaaacaucuccuugacuggaagAu.....	2	1	Z2_
.....uguaaacaucuccuugacuggaAAcu.....	4	1	Z2_
.....uguaaacaucuccuugacuggaagcG.....	5	1	Z2_
.....Aguaaacaucuccuugacuggaagcu.....	3	1	Z2_
.....uguaGacaucuccuugacuggaagcu.....	3	1	Z2_
.....uguaaacaucuccuugUcuggaagcu.....	1	1	Z2_
.....uguaaacaUcucugacuggaagcu.....	1	1	Z2_
.....uguaaacaucuccuugacuggaGgcu.....	4	1	Z2_
.....uguGaacaucuccuugacuggaagcu.....	9	1	Z2_
.....uguaaacaCccuugacuggaagcu.....	3	1	Z2_
.....Cguaaacaucuccuugacuggaagcu.....	6	1	Z2_
.....uguaaGcaucuccuugacuggaagcu.....	5	1	Z2_
.....uguaaacaucuccuugacAggaagcu.....	2	1	Z2_
.....uguaaacUuccuugacuggaagcu.....	1	1	Z2_
.....uguaaaaUaucuccuugacuggaagcu.....	3	1	Z2_
.....uguaaacaucuccuugacCggaagcu.....	3	1	Z2_
.....uguaaacaucuccuugacuggaUgcu.....	1	1	Z2_
.....uguaaacaucuccuugacuggaagcu.....	1122	0	Z2_
.....uguaaUcaucuccuugacuggaagcu.....	1	1	Z2_
.....uguaaacaucuccuugacuAgaagcu.....	1	1	Z2_
.....uguaaacaucuccuugacuggaagcu.....	29	1	Z2_
.....uguaaacaucUuugacuggaagcu.....	16	1	Z2_
.....uguaaacaucuccuugacuggaagUu.....	1	1	Z2_
.....uguaaacaucuccuugacuggaagcA.....	45	1	Z2_
.....uguaaCcaucuccuugacuggaagcu.....	1	1	Z2_
.....uguaaacaucuccuugacuggaagcC.....	95	1	Z2_
.....ugCaacaucuccuugacuggaagcu.....	3	1	Z2_
.....uguaaacaucuccuAacuggaagcu.....	1	1	Z2_
.....uguaaacaucuccuugacuggaCgcu.....	1	1	Z2_
.....uguaaacGuccuugacuggaagcu.....	6	1	Z2_
.....uguaaacaUcuugacuggaagcu.....	45	1	Z2_
.....uguaaacaucuccuAgauggaagcu.....	1	1	Z2_
.....uLuaaacaucuccuugacuggaagcu.....	3	1	Z2_
.....uguaaacaucuccuugacuggaagcuU.....	21	1	Z2_
.....uguaaacaucuccuugacuggaagcuC.....	1	1	Z2_
.....uguaaacaucuccuugacuggaagcuUu.....	12	1	Z2_
.....uguaaacaucuccuugacuggaagcugu.....	1	0	Z2_
.....guaaacaucUuugacuggaag.....	2	1	Z2_
.....guaaacaucUuugacuggaag.....	6	1	Z2_
.....guaaacaucuccuugacuggaag.....	16	0	Z2_
.....guaaacaucUuugacuggaagcu.....	5	1	Z2_
.....guaaacGuccuugacuggaagcu.....	1	1	Z2_
.....Uuaacaucuccuugacuggaagcu.....	1	1	Z2_
.....guaaacaucuccuugacuggaagcu.....	88	0	Z2_
.....guaaacaucuccuugacuggaagcC.....	6	1	Z2_
.....guaaacaUcuugacuggaagcu.....	2	1	Z2_
.....guaaacaucuccuugGcuggaagcu.....	3	1	Z2_

gggcagucuuugcuacuguaaacaucuuugacuggaagcuguaagguguucagaggagcuuucagucgggauguuuacagcggcaggcugcca

.....guaaacaucuuugacuggaagcug.....	17	0	Z2_
.....guaaacaucUuugacuggaagcug.....	2	1	Z2_
.....guaaacaucuuugacuggaagcugC.....	1	1	Z2_
.....guaaacaucuuugacuggaagcugu.....	2	0	Z2_
.....uaaacaucuuugacuggaagcug.....	1	0	Z2_
.....uccuugacuggaagcugu.....	2	0	Z2_
.....gcuuucagucgggauguuuacagU.....	2	1	Z2_
.....cuuucagucgAauguuua.....	1	1	Z2_
.....cuuucagucgggauguuuua.....	5	0	Z2_
.....cuuucagucgggauguuuuaA.....	2	1	Z2_
.....cuuucagucgggauguuuuaU.....	5	1	Z2_
.....cuuucagucggaCguuuac.....	1	1	Z2_
.....cuuucagucggGuguuuac.....	1	1	Z2_
.....cuuucagucAgauguuuac.....	4	1	Z2_
.....cuuAcagucgggauguuuac.....	1	1	Z2_
.....cuuucagucgggaugCuuc.....	1	1	Z2_
.....cuuucagucgggauguuuac.....	113	0	Z2_
.....Auuucagucgggauguuuuaca.....	1	1	Z2_
.....cuuucagucgggauguuuuaca.....	202	0	Z2_
.....cuuucagucgggaUCuuuaca.....	1	1	Z2_
.....cuCucagucgggauguuuuaca.....	1	1	Z2_
.....cAuuucagucgggauguuuuaca.....	1	1	Z2_
.....cuuucagucgggauguuuuacU.....	1	1	Z2_
.....cuuucagucgggaUuuuaca.....	1	1	Z2_
.....cuuucagucgggauguuCaca.....	1	1	Z2_
.....cuuucagucgggaugGuuaca.....	1	1	Z2_
.....Uuuucagucgggauguuuuaca.....	1	1	Z2_
.....cuuucagucggaCguuuuaca.....	2	1	Z2_
.....cuuucagucgggaugCuuaca.....	7	1	Z2_
.....cuuucagucgggauguuAacag.....	1	1	Z2_
.....cuuucagucgggauguuCacag.....	1	1	Z2_
.....cuuucagUgggauguuuacag.....	1	1	Z2_
.....cuuucagucgggaugCuucacag.....	1	1	Z2_
.....cuuucagucgggauguuuuacaA.....	3	1	Z2_
.....cuuucagucgggauguuuuacag.....	43	0	Z2_
.....cCuucagucgggauguuuuacag.....	1	1	Z2_
.....cuuucagCcggauguuuuacag.....	1	1	Z2_
.....cuuucagucgggaugCuacag.....	2	1	Z2_
.....cuuucagucgggauguuuuacagc.....	2	1	Z2_
.....cuuucagucgggaugGuuacagc.....	1	1	Z2_
.....cCuucagucgggauguuuuacagc.....	1	1	Z2_
.....cuuucagucgggauguuuuacagA.....	48	1	Z2_
.....cuuucagucgggauguuuuacagG.....	3	1	Z2_
.....cuuucagucgggauguuuuacagUc.....	1	1	Z2_
.....cuuucagucggGuguuuuacagc.....	2	1	Z2_
.....cuuucagucgggauguuuuacagU.....	723	1	Z2_
.....cuuucagucgggauguuuuacagc.....	110	0	Z2_
.....cuuucagucgggaugCuacagc.....	1	1	Z2_
.....cuuucagucggaCguuuuacagc.....	3	1	Z2_
.....cuuucagucgggauguuuuacagcU.....	13	1	Z2_
.....cuuucagucgggauguuuuacagcg.....	5	0	Z2_
.....cuuucagucgggauguuuuacagUg.....	4	1	Z2_
.....cuuucagucgggauguuuuacagcA.....	13	1	Z2_
.....cuuucagucgggauguuuuacagcAg.....	2	1	Z2_
.....uuucagucgggauguuuuac.....	1	0	Z2_
.....uuucagucgggauguuuuacagU.....	17	1	Z2_
.....uuucagucgggauguuuuacagc.....	3	0	Z2_
.....uuucagucgggauguuuuacagcA.....	1	1	Z2_
.....uuucagucgggauguuuuacagcU.....	9	1	Z2_
.....uuucagucgggauguuuuacagcC.....	1	1	Z2_
.....Guguuaaacaucuuugacuggaag.....	1	1	Z1_
.....uguuaaacaucuuugacug.....	6	0	Z1_
.....Aguuaaacaucuuugacug.....	1	1	Z1_
.....uguuaaacaucuuugacuA.....	2	1	Z1_
.....uguuaaacaucUuugacugg.....	2	1	Z1_
.....uguuaaacaucCugacugg.....	2	1	Z1_
.....uguuaaacaucuuugacugg.....	11	0	Z1_
.....uguuaaacaucuuugCugga.....	2	1	Z1_

hsa-miR-30e-5p

gggcagucuuugcuacuguaaacauccuugacuggaagcuguaagguguucagaggagcuuucagucggauguuuuacagcggcaggcugcca

.....uguaaa <u>cauccu</u> ugacugga.....	98	0	Z1_
.....uguaaa <u>caucc</u> Cugacugga.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggU.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacAgga.....	2	1	Z1_
.....uguaaa <u>cauc</u> Uuugacugga.....	8	1	Z1_
.....uguaaa <u>cauccu</u> ugacugUa.....	1	1	Z1_
.....uguaaa <u>cau</u> Ucuugacugga.....	22	1	Z1_
.....uguaaa <u>cauc</u> Uuugacuggaa.....	54	1	Z1_
.....uguaaa <u>caucc</u> Cugacuggaa.....	3	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggG.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaa.....	16	0	Z1_
.....uguaaa <u>cau</u> Ucuugacuggaa.....	3	1	Z1_
.....uguaaa <u>cauc</u> Uuugacuggaag.....	75	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaCg.....	1	1	Z1_
.....uguaaa <u>ca</u> Cccuugacuggaag.....	8	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaag.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaaA.....	34	1	Z1_
.....ugCaaa <u>cauccu</u> ugacuggaag.....	3	1	Z1_
.....uguaaa <u>caucc</u> Cugacuggaag.....	10	1	Z1_
.....uguaaa <u>ca</u> Guccuugacuggaag.....	3	1	Z1_
.....ugua <u>cauccu</u> ugacuggaag.....	1	1	Z1_
.....uguaG <u>cauccu</u> ugacuggaag.....	7	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaaC.....	3	1	Z1_
.....uguaaa <u>cauccu</u> ugacuAgaag.....	2	1	Z1_
.....uguU <u>aaccauccu</u> ugacuggaag.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugGcuggaag.....	3	1	Z1_
.....uguG <u>aaccauccu</u> ugacuggaag.....	2	1	Z1_
.....uguaaa <u>caucc</u> Gugacuggaag.....	1	1	Z1_
.....uguaaa <u>caucc</u> Augacuggaag.....	2	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaag.....	1014	0	Z1_
.....A <u>guaaa</u> cauccuugacuggaag.....	5	1	Z1_
.....C <u>guaaa</u> cauccuugacuggaag.....	3	1	Z1_
.....uguaaa <u>cauccu</u> Agacuggaag.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaGg.....	7	1	Z1_
.....uguaaa <u>cauccu</u> ugacCggaag.....	8	1	Z1_
.....uguaaa <u>cau</u> Ucuugacuggaag.....	134	1	Z1_
.....uguaaa <u>caucc</u> Cugacuggaagc.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagU.....	6	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagc.....	27	0	Z1_
.....uguaaa <u>cau</u> Ucuugacuggaagc.....	2	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagA.....	1	1	Z1_
.....uguaaa <u>ca</u> Guccuugacuggaagcu.....	1	1	Z1_
.....uguaG <u>cauccu</u> ugacuggaagcu.....	2	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcC.....	79	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggUagcu.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugaUuggaagcu.....	1	1	Z1_
.....ugCaaa <u>cauccu</u> ugacuggaagcu.....	1	1	Z1_
.....uguaaa <u>cau</u> Ucuugacuggaagcu.....	32	1	Z1_
.....uguaaG <u>cauccu</u> ugacuggaagcu.....	4	1	Z1_
.....uguaaa <u>ca</u> Cccuugacuggaagcu.....	2	1	Z1_
.....C <u>guaaa</u> cauccuugacuggaagcu.....	4	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcu.....	654	0	Z1_
.....uguaaa <u>cauccu</u> ugaAuggaagcu.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacCggaagcu.....	2	1	Z1_
.....uguaaa <u>caucc</u> Cugacuggaagcu.....	16	1	Z1_
.....uguaaa <u>cauc</u> Uuugacuggaagcu.....	12	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcG.....	3	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaGgcu.....	2	1	Z1_
.....uguaaa <u>cauccu</u> ugacuAgaagcu.....	1	1	Z1_
.....uguG <u>aaccauccu</u> ugacuggaagcu.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcA.....	19	1	Z1_
.....uguaaa <u>cauc</u> Auugacuggaagcu.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagUu.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcug.....	1	0	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcuU.....	17	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcuC.....	1	1	Z1_
.....uguaaa <u>cauccu</u> ugacuggaagcuUu.....	2	1	Z1_
.....g <u>uaaa</u> cauccuugacugga.....	2	0	Z1_
.....g <u>uaaa</u> caucUuugacugga.....	2	1	Z1_

gggcagucuuugcuacuguaaacauccuugacuggaagcuguuagguguucagaggagcuuucagucggauuuuacagcggcaggcugcca

.guaaacauUcuugacuggaag	1	1	Z1_
.guaaacauccuugacuggaag	10	0	Z1_
.guaaacauccuugacuggaagC	4	1	Z1_
.guGaacauccuugacuggaagcu	1	1	Z1_
.guaaacauccuugacuggaagcG	1	1	Z1_
.guaaacauUcuugacuggaagcu	2	1	Z1_
.guaaacauccuugacuggaagcA	3	1	Z1_
.guaaacauccuugGcuggaagcu	1	1	Z1_
.guaaacauccuugacuggaagcu	65	0	Z1_
.gCaacauccuugacuggaagcu	2	1	Z1_
.guaaGcauccuugacuggaagcu	2	1	Z1_
.guaaacaucUuugacuggaagcu	7	1	Z1_
.guaaUcauccuugacuggaagcu	1	1	Z1_
.guaaacauccuugacuggaagcug	13	0	Z1_
.guaaacaucUuugacuggaagcug	3	1	Z1_
.guaaacauccuugacuggaagcugu	8	0	Z1_
.guaaacauccuugacuggaGgcugu	1	1	Z1_
.guaaacauccuugacuggaagcugC	1	1	Z1_
.guaaacauccuugacuggaagcuguG	1	1	Z1_
.uaaacauccuugacuggaagcu	6	0	Z1_
.Gaaacauccuugacuggaagcu	1	1	Z1_
.uaaacauccuugacuggaagcug	2	0	Z1_
.uaaacauccuugacuggaagcugu	1	0	Z1_
.gcuucagucggauuuuacagU	1	1	Z1_
.cuuucagucggauuuu	3	0	Z1_
.cuuucGgucggauuuuac	1	1	Z1_
.cuuucagucggauuuuA	2	1	Z1_
.cuuucagucggauuuuU	12	1	Z1_
.cuuucagucggacGuuuac	2	1	Z1_
.cuuucagucggauuuuac	165	0	Z1_
.cuuucagucggGuguuuac	2	1	Z1_
.cuuucagucGAauguuuac	1	1	Z1_
.cuuucagCcggauguuuaca	2	1	Z1_
.cuuucagGcggauuuuaca	1	1	Z1_
.cuuucagucggauuuUca	1	1	Z1_
.cuuucagucggauGcuuaca	2	1	Z1_
.cuuucagucggauuuuacG	6	1	Z1_
.cuuCcagucggauuuuaca	1	1	Z1_
.cAuucagucggauuuuaca	1	1	Z1_
.Uuuucagucggauuuuaca	2	1	Z1_
.cuuucagucggauuuuaca	212	0	Z1_
.cuuucagucggauuuuacGg	1	1	Z1_
.cuuucUgucggauuuuacag	1	1	Z1_
.cuuucagucggauuuuacag	43	0	Z1_
.cuuucagucggauGcuacag	1	1	Z1_
.cuuucagucggGuguuuuacag	2	1	Z1_
.cuuucagucggAGuuuuacag	2	1	Z1_
.cuuucagucggauuuuacagc	162	0	Z1_
.cuuucagucggauuuuacagG	3	1	Z1_
.cuuucagucggauGuuuacagc	1	1	Z1_
.cuuucagucggauuuuacagA	50	1	Z1_
.cuuucagucggauuuuacagU	765	1	Z1_
.cuuucagucggauGcuacagc	3	1	Z1_
.cuuCcagucggauuuuacagc	2	1	Z1_
.cuuucagucggauuuuacUgc	3	1	Z1_
.cuuucagucggUguuuuacagc	1	1	Z1_
.cuGucagucggauuuuacagc	1	1	Z1_
.cuuucagucggauuuCacagc	1	1	Z1_
.cuuucagucggGuguuuuacagc	2	1	Z1_
.cuuucagucggauuuuacagUg	2	1	Z1_
.cuuucagucggauuuuacagcU	13	1	Z1_
.cuuucagucggauuuuacagcG	6	0	Z1_
.cuuucagucggauuuuacagcC	3	1	Z1_
.cuuucagucggauuuuacagcA	19	1	Z1_
.uuucagucggauuuuac	11	0	Z1_
.uuucagucggauuuuaca	1	0	Z1_
.uuucagucggauuuuacag	1	0	Z1_
.uuucagucggauuuuacagU	6	1	Z1_
.uuucagucggauuuuacagc	4	0	Z1_

gggcagucuuugcuacuguaaacaucuuugacuggaagcuguaagguguucagaggagcuuucagucggauguuuuacagcggcaggcugcca

.....uuucagucggauguuuacagA.....	2	1	Z1_
.....uuucagucggauguuuacagcC.....	5	1	Z1_
.....uuucagucggauguuuacagcU.....	6	1	Z1_
.....uguaaacaucuuugacug.....	6	0	Z3_
.....uAuaaacaucuuugacug.....	1	1	Z3_
.....uguaaacaucuuugacugg.....	10	0	Z3_
.....uguaaacaucuuugacugA.....	1	1	Z3_
.....uguaGacaucuuugacugg.....	1	1	Z3_
.....uguaaacaucUuugacugg.....	1	1	Z3_
.....uguaaacaucCugacugg.....	1	1	Z3_
.....uguaaacaucCugacugga.....	5	1	Z3_
.....uguaaacaucuuugacuggG.....	1	1	Z3_
.....uguaaacaucuuugacugga.....	42	0	Z3_
.....uguaaacaucuuugacuggU.....	3	1	Z3_
.....uguaaacaucUuugacugga.....	12	1	Z3_
.....uguaaacaucUcuugacugga.....	9	1	Z3_
.....uguaaacaucUuugacuggaa.....	64	1	Z3_
.....uguaaacaucCugacuggaa.....	1	1	Z3_
.....uguaaacaucUcuugacuggaa.....	3	1	Z3_
.....uguaaacaucuuugacuggaa.....	3	0	Z3_
.....uguaaacaucuuugacuggaag.....	514	0	Z3_
.....uguaaacaucCugacuggaag.....	5	1	Z3_
.....uguaaaUauccuugacuggaag.....	2	1	Z3_
.....uguaaacaucuuugacuAgaag.....	1	1	Z3_
.....uguaaacaucuuugacCggaag.....	2	1	Z3_
.....uguaaacaucuuugacuggaaU.....	1	1	Z3_
.....uguaaacaucuuugGcuggaag.....	2	1	Z3_
.....uguaaacaucuuugacuAaag.....	1	1	Z3_
.....uguaaacaCccuugacuggaag.....	6	1	Z3_
.....uAuaaacaucuuugacuggaag.....	2	1	Z3_
.....uguaaacaucuuugacuggaaA.....	28	1	Z3_
.....uguaaacaucAuugacuggaag.....	1	1	Z3_
.....uguaaacaAccuugacuggaag.....	1	1	Z3_
.....uguaaacGuccuugacuggaag.....	2	1	Z3_
.....Cguaaacaucuuugacuggaag.....	3	1	Z3_
.....uguaGacaucuuugacuggaag.....	1	1	Z3_
.....uguaaacaucuuugacuggaGg.....	3	1	Z3_
.....uguaaacaucuuugacuggaag.....	2	1	Z3_
.....ugCaaacaucuuugacuggaag.....	1	1	Z3_
.....uguaaacaucUuugacuggaag.....	66	1	Z3_
.....uguaaacaucuuugacuUaag.....	3	1	Z3_
.....uguaaacaucUcuugacuggaag.....	61	1	Z3_
.....uguaaacaucuuugacuggaUg.....	1	1	Z3_
.....uguGaacaucuuugacuggaag.....	4	1	Z3_
.....uguaaacaucCugacuggaagc.....	2	1	Z3_
.....uguaaacaucUcuugacuggaagc.....	1	1	Z3_
.....uguaaacaucuuugacuggaagc.....	13	0	Z3_
.....uguaaacaucuuugacuggaagA.....	1	1	Z3_
.....uguaaacaucUuugacuggaagc.....	1	1	Z3_
.....uguaaacaucuuugacuggaagU.....	3	1	Z3_
.....uguaaacaCccuugacuggaagcu.....	1	1	Z3_
.....uguaaacaucuuugGcuggaagcu.....	4	1	Z3_
.....uguaaacaucuuugacuggaagcu.....	498	0	Z3_
.....uguaaacaucuuugacuggaGgcu.....	3	1	Z3_
.....uguaaacaucUcuugacuggaagcu.....	26	1	Z3_
.....uguaaacaucuuugacuAgaagcu.....	1	1	Z3_
.....uguaaacaucuuugacuggaagcG.....	2	1	Z3_
.....uAuaaacaucuuugacuggaagcu.....	2	1	Z3_
.....uguaaacaucCugacuggaagcu.....	11	1	Z3_
.....uguaaacaucuuugUcuggaagcu.....	1	1	Z3_
.....uguaaacaucUuugacuggaagcu.....	12	1	Z3_
.....uguaaacaucuuugacuggaagcC.....	46	1	Z3_
.....uguaaacaucuuugacuggaagcu.....	1	1	Z3_
.....Cguaaacaucuuugacuggaagcu.....	1	1	Z3_
.....uguaCacaucuuugacuggaagcu.....	1	1	Z3_
.....uguaaacaucuuugacCggaagcu.....	1	1	Z3_
.....uguaaacaucuuugacuggaagcA.....	24	1	Z3_
.....uguaaGcaucuuugacuggaagcu.....	3	1	Z3_

gggcagucuuugcuacuguaaacaucuuugacuggaagcuguaagguguucagaggagcuuucagucggauuuuacagcggcaggcugcca

.....uguaGacaucuuugacuggaagcu.....	2	1	Z3_
.....uguaaacaucuuAacuggaagcu.....	1	1	Z3_
.....uguaaacaucuuugacuggaagcuC.....	2	1	Z3_
.....uguaaacaucuuugacuggaagcuU.....	4	1	Z3_
.....uguaaacaucuuugacuggaagcuUu.....	9	1	Z3_
.....guaaacaucuuugacuggaGg.....	1	1	Z3_
.....guaaacaucuuugacuggaag.....	6	0	Z3_
.....guaaacaCccuugacuggaag.....	1	1	Z3_
.....guaaacaucUuugacuggaag.....	15	1	Z3_
.....guaaacaucUuugacuggaagc.....	2	1	Z3_
.....guaaacaucuuugacuggaagcA.....	1	1	Z3_
.....guaaacaucuuugacuggaagcG.....	6	1	Z3_
.....guaGacaucuuugacuggaagcu.....	1	1	Z3_
.....guaaacaucuuugacuggaagcu.....	59	0	Z3_
.....guaaacaucuuugacuggaagcC.....	3	1	Z3_
.....guaaacaucuuugacuggaagcuU.....	5	1	Z3_
.....guaaacaucuuugacuggaagcug.....	7	0	Z3_
.....uaacaucuuugacuggaagcug.....	4	0	Z3_
.....cuuucagucggauuuu.....	1	0	Z3_
.....cuuucagucggauuuuA.....	2	1	Z3_
.....cuuucagCcggauguuuuac.....	2	1	Z3_
.....cuuucagucggauuuuac.....	43	0	Z3_
.....cuuucagucggauuuuCC.....	2	1	Z3_
.....cuuucagucggauuuuU.....	7	1	Z3_
.....cCuucagucggauuuuaca.....	1	1	Z3_
.....cuuucagucggauuuuaca.....	2	1	Z3_
.....cuuucagucggauuuuacU.....	2	1	Z3_
.....cuuucagucggauuuuAa.....	1	1	Z3_
.....cuuucagucggauCuaca.....	1	1	Z3_
.....cuuucagucggauuuuaca.....	71	0	Z3_
.....cuuucagucggauuuuacag.....	21	0	Z3_
.....cuuucagucggauuuuacaA.....	3	1	Z3_
.....cuuucagucggauCuacag.....	1	1	Z3_
.....cuuucagucggGuguuuuacagc.....	1	1	Z3_
.....cuuucagucggauuuuacGgc.....	1	1	Z3_
.....cuuucagucggauuuuacagc.....	2	1	Z3_
.....cCuucagucggauuuuacagc.....	1	1	Z3_
.....cuuucagucggauCuacagc.....	1	1	Z3_
.....cuuucagucggauuuuacagc.....	76	0	Z3_
.....cuuucagucggauuuuacaAc.....	1	1	Z3_
.....cuuucagucggauGuuuacagc.....	1	1	Z3_
.....cuuucagucggauuuuacagU.....	393	1	Z3_
.....cuCucagucggauuuuacagc.....	2	1	Z3_
.....cuuucagucggauuuuacagG.....	1	1	Z3_
.....cuuucagucggauuuuacagA.....	22	1	Z3_
.....cuuucagucggauuuuacagcA.....	3	1	Z3_
.....cuuucagucggauuuuacagcU.....	3	1	Z3_
.....cuuucagucggauuuuacagUg.....	5	1	Z3_
.....uuucagucggauuuuac.....	6	0	Z3_
.....uuucagucggauuuuacagU.....	4	1	Z3_
.....uuucagucggauuuuacagcU.....	2	1	Z3_