

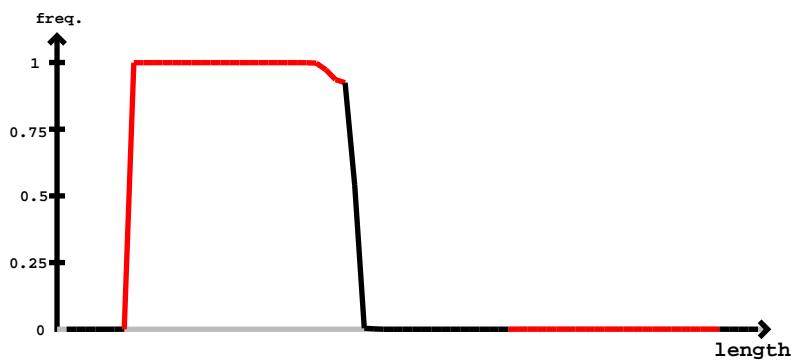
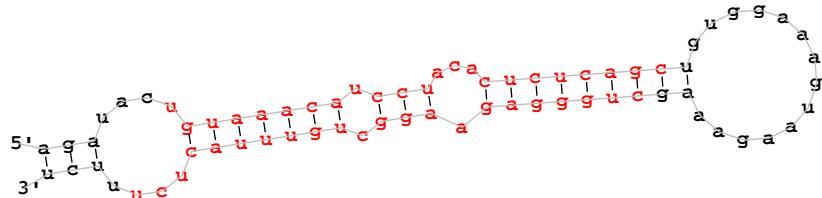
miRBase precursor : hsa-mir-30c-2

Total read count : 47439

hsa-miR-30c-5p read count : 47414

hsa-miR-30c-2-3p read count 25

remaining reads : 0



hsa-miR-30c-5p	hsa-miR-30c-2-3p	-3'	exp	reads	mm	sample
((...(((((((((.....))))))))....)))....))	.....uguaacaucuuacacucaguguggaaaguaagaagcugggagaaggcuguuuacucuuuu	-3'	exp			
.....Cguaaaaacauccuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	2	0	Z3_-
.....uguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....Aguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	2	1	Z3_-
.....uguaacaucuuacacucu.....	.....Aguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....uguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....uguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	67	0	Z3_-
.....uguaacaucuuacacucuU.....	.....uguaacaucuuacacucu.....	.....	.....	20	1	Z3_-
.....ugCaaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....uguaacaucuuacacucuU.....	.....uguaacaucuuacacucu.....	.....	.....	4	1	Z3_-
.....uguaacaucuuacacucuC.....	.....uguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....Cguaaaaacauccuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	2	1	Z3_-
.....uguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....uguaaGcauccuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	3	1	Z3_-
.....uguaaacaCccuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	2	1	Z3_-
.....Gguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....uguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	1	1	Z3_-
.....uguaacaucuuacacucu.....	.....uguaacaucuuacacucu.....	.....	.....	158	0	Z3_-
.....uguaacaucuuacacCcua.....	.....uguaacaucuuacacCcua.....	.....	.....	1	1	Z3_-
.....uguaaacGuccuacacucuca.....	.....uguaacaucuuacacCcucag.....	.....	.....	1	1	Z3_-
.....uguaacaucuuacacCcucag.....	.....uguaacaucuuacacCcucag.....	.....	.....	2	1	Z3_-
.....uguaacaucuuacacCcucagA.....	.....uguaacaucuuacacCcucagA.....	.....	.....	3	1	Z3_-
.....uguaacaCccuacacucucag.....	.....uguaacaucuuacacCcucag.....	.....	.....	1	1	Z3_-
.....uguaaUcauccuacacucucag.....	.....uguaacaucuuacacucucag.....	.....	.....	1	1	Z3_-
.....uguaaacGuccuacacucucag.....	.....uguaacaucuuacacucucag.....	.....	.....	1	1	Z3_-
.....uguaaGcauccuacacucucag.....	.....uguaacaucuuacacucucag.....	.....	.....	1	1	Z3_-
.....uguaacaucuuacacucucag.....	.....uguaacaucuuacacucucag.....	.....	.....	60	0	Z3_-
.....Aguaaacaucuuacacucucag.....	.....uguaacaucuuacacucucag.....	.....	.....	1	1	Z3_-
.....uguGaacaucuuacacucucagc.....	.....uguaacaucuuacacucucagc.....	.....	.....	1	1	Z3_-
.....Cguaaaaacauccuacacucucagc.....	.....uguaacaucuuacacucucagc.....	.....	.....	10	1	Z3_-
.....uguaacaucuuacacucucagc.....	.....uguaacaucuuacacucucagc.....	.....	.....	4	1	Z3_-
.....uguaacaucuuacacacAcucagc.....	.....uguaacaucuuacacacAcucagc.....	.....	.....	2	1	Z3_-
.....ugCaaacaucuuacacucucagc.....	.....uguaacaucuuacacucucagc.....	.....	.....	6	1	Z3_-
.....uguaacaucuuacacucucagc.....	.....uguaacaucuuacacucucagc.....	.....	.....	1272	0	Z3_-
.....uguaacaCccuacacucucagc.....	.....uguaacaucuuacacucucagc.....	.....	.....	6	1	Z3_-

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuuuuacucuuucu

.....uguaaacauccuacacucucagU.....	288	1	Z3_
.....uguaaCcauccuacacucucagc.....	6	1	Z3_
.....uguaaaUauccuacacucucagc.....	2	1	Z3_
.....uguaaacauccuacacucCcagc.....	3	1	Z3_
.....uguaaacauccAaacacucucagc.....	1	1	Z3_
.....uguaaacauccuacGcucucagc.....	1	1	Z3_
.....uguaaacauccCcacacucucagc.....	5	1	Z3_
.....uguaaacauccuacacucAcagc.....	2	1	Z3_
.....uAuuaaacauccuacacucucagc.....	2	1	Z3_
.....uguCaaca <u>uccuacacucucagc</u>	1	1	Z3_
.....uguaaacauccuacacucu <u>A</u>	3	1	Z3_
.....uguaaG <u>cauccuacacucucagc</u>	6	1	Z3_
.....uguaaacaucc <u>uacacCcucagc</u>	2	1	Z3_
.....uguaaacaucc <u>uacacCcucagc</u>	7	1	Z3_
.....uguaaacaucc <u>Gcacacucucagc</u>	1	1	Z3_
.....uguaaacaucc <u>uacacucGgc</u>	7	1	Z3_
.....uguaaacaucc <u>uacacucagA</u>	88	1	Z3_
.....uguaaac <u>Accuacacucucagc</u>	2	1	Z3_
.....uguaaacaucc <u>uacacucagA</u>	2	1	Z3_
.....G <u>guuaaacauccuacacucucagc</u>	1	1	Z3_
.....uguaaacaucc <u>uaUacacucucagc</u>	1	1	Z3_
.....ug <u>Gaaaacauccuacacucucagc</u>	1	1	Z3_
.....uguaaacaucc <u>uacacucucagG</u>	9	1	Z3_
.....uguaaacaucc <u>uacacucu<u>U</u>c</u>	1	1	Z3_
.....uguaaacaucc <u>uUacacucucagc</u>	1	1	Z3_
.....uguaaacaucc <u>uacacucucagc</u>	2	1	Z3_
.....Aguaa <u>acauccuacacucucagc</u>	1	1	Z3_
.....uguaG <u>acauccuacacucucagc</u>	6	1	Z3_
.....uguaaacaucc <u>uacacu<u>U</u>agc</u>	3	1	Z3_
.....uguaaacau <u>Uuacacucucagc</u>	1	1	Z3_
.....ug <u>Gaaaacauccuacacucucagc</u>	1	1	Z3_
.....uguaaacau <u>Uuacacucucagc</u>	4	1	Z3_
.....uguaaacaucc <u>uacacucu<u>U</u>agc</u>	5	1	Z3_
.....uguaaacaucc <u>uacacucCgc</u>	2	1	Z3_
.....uguaaacaucc <u>uacacucucagA</u>	197	1	Z3_
.....uguaaacaucc <u>uacacucagc</u>	2	1	Z3_
.....ug <u>Gaaaacauccuacacucucagc</u>	6	1	Z3_
.....ug <u>Uaaca<u>uccuacacucucagc</u></u>	2	1	Z3_
.....uguaaacaucc <u>uacacu<u>U</u>ucagc</u>	3	1	Z3_
.....uguaaacaucc <u>uacCcucucagc</u>	1	1	Z3_
.....u <u>Cuaaacauccuacacucucagc</u>	1	1	Z3_
.....uguaaacaucc <u>Aacacucucagc</u>	2	1	Z3_
.....uguaaG <u>cauccuacacucucagc</u>	20	1	Z3_
.....uguaaacaucc <u>uacacucucagC</u>	292	1	Z3_
.....uguaaacaucc <u>uacac<u>A</u>ucagc</u>	2	1	Z3_
.....uguaaacaucc <u>uacacCcucagc</u>	14	1	Z3_
.....uguaaacaucc <u>Ccacacucucagc</u>	9	1	Z3_
.....uguaaac <u>auUcua<u>ccacacucucagc</u></u>	12	1	Z3_
.....uguaC <u>cauccuacacucucagc</u>	5	1	Z3_
.....G <u>guuaaacauccuacacucucagc</u>	1	1	Z3_
.....uguaaacaucc <u>uacacucucagc</u>	2585	0	Z3_
.....uguaaacaucc <u>uacacu<u>A</u>cagc</u>	2	1	Z3_
.....uguaaac <u>acau<u>U</u>acacucucagc</u>	2	1	Z3_
.....ugua <u>Uaaca<u>uccuacacucucagc</u></u>	2	1	Z3_
.....uguaaa <u>Uauccuacacucucagc</u>	4	1	Z3_
.....uguaaacaucc <u>uacacucu<u>U</u>agc</u>	3	1	Z3_
.....uguaG <u>acauccuacacucucagc</u>	9	1	Z3_
.....u <u>Huaaacauccuacacucucagc</u>	4	1	Z3_
.....uguaaacaucc <u>uacacuc<u>U</u>agc</u>	7	1	Z3_
.....uguaaacaucc <u>uGcacacucucagc</u>	6	1	Z3_
.....uguaaacaucc <u>uacacu<u>A</u>cu</u>	3	1	Z3_
.....uguaaacaucc <u>uacUcucucagc</u>	4	1	Z3_
.....uguaaacaucc <u>uacacucucGgc</u>	9	1	Z3_
.....uguaaca <u>Cccuacacucucagc</u>	7	1	Z3_
.....uguCaaca <u>uccuacacucucagc</u>	1	1	Z3_
.....uguaaca <u>Accuacacucucagc</u>	5	1	Z3_
.....uguaaacaucc <u>uacacucu<u>A</u>agc</u>	1	1	Z3_
.....uguaacG <u>uccuacacucucagc</u>	8	1	Z3_
.....uguaaacaucc <u>uacacucCcagc</u>	17	1	Z3_

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuguuuacucuuucu

.....Cguaaaca <u>uccuacacucucagc</u>	12	1	Z3_
.....uguaaacaucc <u>uUcacucucagc</u>	1	1	Z3_
.....ug <u>aaaaca<u>uccuacacucucagc</u></u>	3	1	Z3_
.....Aguaaaca <u>uccuacacucucagc</u>	3	1	Z3_
.....uguaaacaucc <u>uacacu<u>acagc</u></u>	1	1	Z3_
.....uguaaacaucc <u>uacGcucucagc</u>	14	1	Z3_
.....uguaaacaucc <u>uacacu<u>cagG</u></u>	23	1	Z3_
.....uguaaacau <u>cauc<u>Acacucucagc</u></u>	1	1	Z3_
.....ug <u>Gaaca<u>uccuacacucucagc</u></u>	6	1	Z3_
.....uguaaacaucc <u>uac<u>Acucagc</u></u>	6	1	Z3_
.....uguaCaca <u>uccuacacucucagc</u>	1	1	Z3_
.....uguaaacaucc <u>uac<u>cucucagcug</u></u>	1	0	Z3_
.....uguaaacaucc <u>uac<u>cucucagcA</u></u>	8	1	Z3_
.....uguaaacaucc <u>uac<u>cucucagcC</u></u>	1	1	Z3_
.....uguaaacaucc <u>uac<u>cucucagcU</u></u>	15	1	Z3_
.....uguaaacaucc <u>uac<u>cucucagcgu</u></u>	4	0	Z3_
.....uguaaacaucc <u>uac<u>cucucagcUu</u></u>	6	1	Z3_
.....uguaaacaucc <u>uac<u>cucucagcguG</u></u>	2	1	Z3_
.....aa <u>acaucc<u>uacacucucagc</u></u>	1	0	Z3_
.....cugggagaagg <u>cuguuuuacu</u>	1	0	Z3_
.....cugggagaagg <u>cuguuuuacu</u>	1	0	Z3_
.....a <u>Auguaaacaucc<u>uacacucucagc</u></u>	2	1	Z2_
.....cuguaaacaucc <u>uacacucucagc</u>	1	0	Z2_
.....cuguaaacaucc <u>uacacucucagc</u>	3	0	Z2_
.....cuguaaacaucc <u>uacacucucagcC</u>	1	1	Z2_
.....uguaaacaucc <u>uacacu<u>c</u></u>	2	0	Z2_
.....uguaaacaucc <u>uacacu<u>C</u></u>	1	1	Z2_
.....uguaaacaucc <u>uacacu<u>cuc</u></u>	22	0	Z2_
.....uguaaacaucc <u>uacacu<u>A</u></u>	4	1	Z2_
.....uguaaacaucc <u>uacacu<u>Cc</u></u>	3	1	Z2_
.....uguaaacau <u>Ucuacacu<u>cuc</u></u>	2	1	Z2_
.....uguaaacaucc <u>uUcacucuc</u>	3	1	Z2_
.....uguaaacaucc <u>CCacacuc</u>	1	1	Z2_
.....uguaaacaucc <u>uUacucuc</u>	3	1	Z2_
.....uguaaacaucc <u>uacacCcuc</u>	1	1	Z2_
.....uga <u>Uacacu<u>ccacacuc</u></u>	1	1	Z2_
.....uguaaacaucc <u>uacacu<u>U</u></u>	16	1	Z2_
.....uguaaacaucc <u>uGcacucuc</u>	3	1	Z2_
.....uguaaacau <u>Uuacacu<u>cuc</u></u>	1	1	Z2_
.....uguaaacaucc <u>uacacu<u>cuc</u></u>	206	0	Z2_
.....Cguaaaca <u>uccuacacu<u>cuc</u></u>	1	1	Z2_
.....ug <u>Caaaca<u>uccuacacu<u>cuc</u></u></u>	3	1	Z2_
.....ugu <u>Gaaca<u>uccuacacu<u>cucu</u></u></u>	1	1	Z2_
.....uguaac <u>Guccuacacu<u>cucu</u></u>	1	1	Z2_
.....uguaaacaucc <u>uac<u>CCcu</u></u>	5	1	Z2_
.....uguaG <u>acuccuacacu<u>cu</u></u>	1	1	Z2_
.....Aguaaaca <u>uccuacacu<u>cu</u></u>	2	1	Z2_
.....uguaaacaucc <u>uUcacu<u>cu</u></u>	1	1	Z2_
.....uguaaacau <u>Ucuacacu<u>cu</u></u>	7	1	Z2_
.....uguaaacaucc <u>uCcacu<u>cu</u></u>	1	1	Z2_
.....uguaaacaucc <u>uac<u>cu<u>C</u></u></u>	2	1	Z2_
.....uguaaacaucc <u>uac<u>cu<u>Cc</u></u></u>	2	1	Z2_
.....Cguaaaca <u>uccuacacu<u>cu</u></u>	4	1	Z2_
.....uguaaacaucc <u>AAacacu<u>cu</u></u>	2	1	Z2_
.....ug <u>Caaaca<u>uccuacacu<u>cu</u></u></u>	2	1	Z2_
.....uguaG <u>cauccuacacu<u>cu</u></u>	4	1	Z2_
.....uguaaacaucc <u>uac<u>cu<u>U</u></u></u>	1	1	Z2_
.....uguaaacaucc <u>uac<u>cu<u>U</u></u></u>	371	0	Z2_
.....uguaaacaucc <u>uac<u>Uu</u></u>	2	1	Z2_
.....uguaaacaucc <u>uac<u>Uu</u></u>	4	1	Z2_
.....uguaaa <u>Uauccuacacu<u>cu</u></u>	1	1	Z2_
.....Gguuaaca <u>uccuacacu<u>cu</u></u>	1	1	Z2_
.....uguaaacaucc <u>uac<u>cu<u>G</u></u></u>	5	1	Z2_
.....uguaaacaucc <u>uac<u>cu<u>A</u></u></u>	1	1	Z2_
.....uguaaacaucc <u>uac<u>cu<u>G</u></u></u>	1	1	Z2_
.....uguaaacau <u>uc<u>Uuacacu<u>cu</u></u></u>	1	1	Z2_
.....uguaac <u>Guccuacacu<u>cu</u></u>	3	1	Z2_
.....uguaaacaucc <u>uAacu<u>cu</u></u>	1	1	Z2_

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuuuuacucuuucu

.....uguaaacauccuGcacucucag.	1	1	Z2_
.....uguaaacauccuacacucucGg.	2	1	Z2_
.....uguaaacauccuacacucucag.	118	0	Z2_
.....uguaaacauccCcacacucucag.	1	1	Z2_
.....uguaaacauccuUcacucucag.	1	1	Z2_
.....uguaaacauccuacacucuA.	5	1	Z2_
.....uguaaGcauccuacacucucag.	2	1	Z2_
.....Cguuaaacauccuacacucucag.	2	1	Z2_
.....uguaaacauccuacacucucG.	1	1	Z2_
.....Aguaaacauccuacacucucagc.	11	1	Z2_
.....uguGaaca <u>uccuacacucucagc</u> .	16	1	Z2_
.....uguaaacauccuCcacucucagc.	1	1	Z2_
.....uguaaacauccuacacucucGgc.	19	1	Z2_
.....uguaaacauccAacacucucagc.	4	1	Z2_
.....uguaaacCuccuacacucucagc.	1	1	Z2_
.....uguaaacUuccuacacucucagc.	1	1	Z2_
.....ugCaaacauccuacacucucagc.	9	1	Z2_
.....uguaaacauccuacacCccucagc.	18	1	Z2_
.....uguaaacauccuacacuCcagc.	21	1	Z2_
.....uguaaacauccuacacAcucagc.	4	1	Z2_
.....Gguaaaca <u>uccuacacucucagc</u> .	3	1	Z2_
.....uguaaacauccuacacucuA	4	1	Z2_
.....uCaaaca <u>uccuacacucucagc</u> .	1	1	Z2_
.....uguaaCc <u>uccuacacucucagc</u> .	8	1	Z2_
.....uguaaacauccAuacacucucagc.	3	1	Z2_
.....uguaaacauccuacA <u>ucucagc</u> .	2	1	Z2_
.....uguaaacau <u>Acuacacucucagc</u> .	3	1	Z2_
.....uguaaU <u>cauccuacacucucagc</u> .	2	1	Z2_
.....uguaaacauccCacacucucagc.	10	1	Z2_
.....uguaaacauccuacacucucagU.	501	1	Z2_
.....uguaaacauccuacacucucUgc.	1	1	Z2_
.....uguaG <u>aca<u>uccuacacucucagc</u></u> .	12	1	Z2_
.....uguaaacauccuacacucucCgc.	1	1	Z2_
.....uguaaacauccuacG <u>ecucucagc</u> .	21	1	Z2_
.....uguaaacauccuacacu <u>A</u> cagc.	9	1	Z2_
.....uguaaacauccu <u>U</u> acucucagc.	7	1	Z2_
.....uguaaca <u>C</u> ccuacacucucagc.	25	1	Z2_
.....uguaaacau <u>C</u> auc <u>acacucucagc</u> .	8	1	Z2_
.....uguaC <u>aca<u>uccuacacucucagc</u></u> .	1	1	Z2_
.....uguaaacau <u>U</u> ca <u>acacucucagc</u> .	13	1	Z2_
.....uguaG <u>ca<u>uccuacacucucagc</u></u> .	24	1	Z2_
.....uguaU <u>aca<u>uccuacacucucagc</u></u> .	6	1	Z2_
.....Cguuaaca <u>uccuacacucucagc</u> .	19	1	Z2_
.....uguaaacau <u>G</u> cu <u>acacucucagc</u> .	1	1	Z2_
.....uguaaacauccuacacu <u>G</u> ucagc.	1	1	Z2_
.....uguaaacauccuG <u>acacucucagc</u> .	11	1	Z2_
.....uguaaacauccuacacu <u>U</u> ucagc.	3	1	Z2_
.....uguaaacauccuU <u>cacucucagc</u> .	2	1	Z2_
.....uguaaacauccuacacucuA <u>g</u> ...	153	1	Z2_
.....u <u>A</u> uaaacauccuacacucucagc.	8	1	Z2_
.....uguaaacauccu <u>a</u> c <u>ucucagc</u> .	7	1	Z2_
.....uguaaacauccuacacucucagc.	3480	0	Z2_
.....uguaaa <u>A</u> auccuacacucucagc.	2	1	Z2_
.....ug <u>U</u> aa <u>ca<u>uccuacacucucagc</u></u> .	1	1	Z2_
.....uguaaac <u>G</u> uccuacacucucagc.	19	1	Z2_
.....uguaaacauccuacacu <u>U</u> agc.	12	1	Z2_
.....uguaaacA <u>ccuacacucucagc</u> .	6	1	Z2_
.....uguaaacauccuacacu <u>U</u> ca.	1	1	Z2_
.....ug <u>l</u> aaa <u>ca<u>uccuacacucucagc</u></u> .	1	1	Z2_
.....uguaaacauccuacU <u>cucucagc</u> .	6	1	Z2_
.....uguaU <u>ca<u>uccuacacucucagc</u></u> .	4	1	Z2_
.....uguaaacauccuacacu <u>G</u> cagc.	2	1	Z2_
.....uguaaacau <u>U</u> ca <u>acacucucagc</u> .	58	1	Z2_
.....uguaC <u>ca<u>uccuacacucucagc</u></u> .	19	1	Z2_
.....uguaaacauccuacC <u>cucucagc</u> .	2	1	Z2_
.....u <u>A</u> uaaacauccuacacucucagc.	7	1	Z2_
.....uguaaacauccuacacC <u>ccucagc</u> .	33	1	Z2_
.....uguaaca <u>C</u> ccuacacucucagc.	30	1	Z2_
.....uguaaacauccuacacu <u>U</u> cu.	1	1	Z2_

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuguuuacucuuucu

.....Cguaaaca <u>uccuacacucucagc</u>	48	1	Z2_
.....uguaaaca <u>uccuacacucucagc</u> C.....	488	1	Z2_
.....uguaaaca <u>uccuacacucu</u> Uagcu.....	4	1	Z2_
.....ugu <u>aaca<u>uccuacacucucagc</u></u>	1	1	Z2_
.....uguaaaca <u>uccuacacucucagc</u>	5663	0	Z2_
.....uguaaaca <u>uccuacac<u>Acu</u>cagc</u>	6	1	Z2_
.....uguaaaca <u>uccu</u> U <u>acacucucagc</u>	5	1	Z2_
.....ug <u>Gaaaca<u>uccuacacucucagc</u></u>	1	1	Z2_
.....ugu <u>aaac<u>CCuuacacucucagc</u></u>	1	1	Z2_
.....ugu <u>aaaca<u>uccuacacucCcagc</u></u>	37	1	Z2_
.....ugu <u>aaaca<u>Accuacacucucagc</u></u>	5	1	Z2_
.....ugu <u>aaaca<u>Gccuacacucucagc</u></u>	2	1	Z2_
.....ugu <u>aaaca<u>uccuacacucu</u>A</u> cu.....	11	1	Z2_
.....ugu <u>aaa<u>Auuccuacacucucagc</u></u>	2	1	Z2_
.....ugu <u>aaaca<u>uccuacacucu</u>U</u> gcu.....	2	1	Z2_
.....ugu <u>aaaca<u>uccuacacucu</u>G</u> gcu.....	34	1	Z2_
.....ugu <u>Gaca<u>uccuacacucucagc</u></u>	29	1	Z2_
.....ugu <u>aaac<u>Gccuacacucucagc</u></u>	13	1	Z2_
.....ugu <u>aaG<u>cauccuacacucucagc</u></u>	20	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>A</u> cagc.....	1	1	Z2_
.....ugu <u>Caaca<u>uccuacacucucagc</u></u>	2	1	Z2_
.....ugu <u>aaaca<u>Auacacucucagc</u></u>	2	1	Z2_
.....ugu <u>aaaca<u>uccuacac<u>G</u>ucagc</u></u>	1	1	Z2_
.....ugu <u>aaaca<u>uccAacacucucagc</u></u>	11	1	Z2_
.....u <u>Uuaaca<u>uccuacacucucagc</u></u>	2	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>U</u> ucagc.....	7	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>U</u> ucagc.....	5	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>U</u> ucagc.....	11	1	Z2_
.....ugu <u>aaaca<u>aucUuacacucucagc</u></u>	10	1	Z2_
.....ugu <u>aaaca<u>uccuacacucu</u>C</u> gcu.....	1	1	Z2_
.....ugu <u>aaaca<u>uccuacacucu</u>A</u> gcu.....	325	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>A</u> gcu.....	1	1	Z2_
.....Agua <u>aaaca<u>uccuacacucucagc</u></u>	12	1	Z2_
.....ugu <u>aaaca<u>uccuacacucu</u>G</u>	51	1	Z2_
.....ugu <u>aaa<u>Uauccuacacucucagc</u></u>	8	1	Z2_
.....Ggu <u>aaaca<u>uccuacacucucagc</u></u>	2	1	Z2_
.....ugu <u>aaaca<u>uccGcacacucucagc</u></u>	1	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>A</u> cagc.....	2	1	Z2_
.....ugu <u>Caca<u>uccuacacucucagc</u></u>	2	1	Z2_
.....ugu <u>aaaca<u>uccu</u>C</u> cacacucucagc.....	3	1	Z2_
.....ugu <u>aaaca<u>uccCcacacucucagc</u></u>	32	1	Z2_
.....ugu <u>Gaaca<u>uccuacacucucagc</u></u>	23	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>C</u> agc.....	7	1	Z2_
.....ugu <u>aaaca<u>uccuacG</u>ucucucagc</u>	20	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>C</u> agU.....	10	1	Z2_
.....ug <u>Caaaca<u>uccuacacucucagc</u></u>	11	1	Z2_
.....ugu <u>Uaca<u>uccuacacucucagc</u></u>	7	1	Z2_
.....u <u>Cuaaca<u>uccuacacucucagc</u></u>	1	1	Z2_
.....ugu <u>aaaca<u>uccuAa</u>cacucucagc</u>	1	1	Z2_
.....ugu <u>aaaca<u>uccu</u>G</u> cacucucagc.....	14	1	Z2_
.....ugu <u>aaaca<u>uccuacacucucag</u>U</u>	8	1	Z2_
.....ugu <u>aaaca<u>uccuacacucu</u>C</u> ug.....	3	0	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>C</u> ag <u>A</u>	9	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>C</u> ag <u>U</u> gu.....	1	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>C</u> ag <u>U</u>	2	1	Z2_
.....ugu <u>aaaca<u>uccuacacu</u>C</u> ag <u>U</u>	7	0	Z2_
.....gu <u>aaaca<u>uccuacacu</u>C</u> ag <u>A</u>	1	1	Z2_
.....gu <u>aaaca<u>uccuacacu</u>C</u> ag <u>C</u>	2	0	Z2_
.....c <u>ugggagaaggcuguuu</u> acu.....	1	0	Z2_
.....c <u>ugggagaaggcuguuu</u> acu.....	1	0	Z2_
.....c <u>ugggagaaggcuguuu</u> acu.....	1	0	Z2_
.....c <u>ugggagaaggcuguuu</u> acu.....	2	0	GDM
.....c <u>uggaaca<u>uccuacacucucagc</u></u>	1	0	GDM
.....c <u>uggaaca<u>uccuacacucucagc</u></u>	2	1	GDM
.....ugu <u>aaaca<u>uccuacacu</u>U</u>	6	0	GDM
.....ugu <u>aaaca<u>uccuacacu</u>C</u>	2	1	GDM
.....ugu <u>aaaca<u>uccuacacu</u>U</u>	2	1	GDM
.....ugu <u>aaaca<u>uccuacacC</u>u</u>	2	1	GDM

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucuguggaaaguagaagcugggagaaggcuuuuacucuuucu

.....uguaaacauccuacacucu.....	34	0	GDM
.....uguaacaCccuacacucu.....	1	1	GDM
.....uguaaca <u>uccuacacucu.....</u>	2	1	GDM
.....uguaaca <u>uccuacacucC.....</u>	5	1	GDM
.....uguaaca <u>uccuacacucC.....</u>	5	1	GDM
.....uguaaca <u>uccuacacucu.....</u>	34	0	GDM
.....uguaaca <u>uccuacacucu.....</u>	1	1	GDM
.....uguaaca <u>uccuacacuc.....</u> C	5	1	GDM
.....uguaaca <u>uccuacacuc.....</u> C	34	0	GDM
.....uguaaca <u>uccuacacucu.....</u> A	14	1	GDM
.....uguaaca <u>uccuacacucu.....</u> G	1	1	GDM
.....uguaaca <u>uccuacacucu.....</u> U	3	1	GDM
.....Aguaaca <u>uccuacacucu.....</u>	2	1	GDM
.....uguaaca <u>uccuacacucu.....</u> U	53	1	GDM
.....uguaaca <u>uccuacacucu.....</u> A	1	1	GDM
.....uguaaca <u>uccuacacucu.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacucu.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacucu.....</u> U	4	1	GDM
.....uguaaca <u>uccuacacucu.....</u> A	435	0	GDM
.....uguaGaca <u>uccuacacucu.....</u> C	3	1	GDM
.....uguaaca <u>uccuacacucu.....</u> U	53	1	GDM
.....uguaaca <u>uccuacacucu.....</u> A	1	1	GDM
.....uguaaca <u>uccuacacuc.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacuc.....</u> U	5	1	GDM
.....uguaaca <u>uccuacacuc.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacuc.....</u> C	3	1	GDM
.....uguaaca <u>uccuacacuc.....</u> U	1	1	GDM
.....uguaaca <u>uccuacacuc.....</u> U	435	0	GDM
.....uguaaca <u>uccuacacuc.....</u> C	3	1	GDM
.....uguaaca <u>uccuacacuc.....</u> U	2	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	3	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	6	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	3	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	2	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	6	1	GDM
.....uguaaca <u>uccuacacac.....</u> A	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	2	1	GDM
.....Aguaaca <u>uccuacacac.....</u> C	2	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	5	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> A	14	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	435	0	GDM
.....uguaaca <u>uccuacacac.....</u> U	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	6	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	7	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	3	1	GDM
.....uguaaca <u>uccuacacac.....</u> A	14	1	GDM
.....uguaaca <u>uccuacacac.....</u> A	1	1	GDM
.....Cguaa <u>aca<u>uccuacacac.....</u>C</u>	7	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	435	0	GDM
.....uguaGaca <u>uccuacacac.....</u> C	3	1	GDM
.....uguaaac <u>uccuacacac.....</u> C	1	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	6	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	53	1	GDM
.....ugCaa <u>aca<u>uccuacacac.....</u>C</u>	5	1	GDM
.....uguaGaca <u>uccuacacac.....</u> C	3	1	GDM
.....uguaaac <u>uccuacacac.....</u> C	7	1	GDM
.....uguaU <u>aca<u>uccuacacac.....</u>C</u>	3	1	GDM
.....uguaaac <u>aca<u>uccuacacac.....</u>U</u>	12	1	GDM
.....Cguaa <u>aca<u>uccuacacac.....</u>C</u>	6	1	GDM
.....uguGa <u>aca<u>uccuacacac.....</u>C</u>	1	1	GDM
.....uguaC <u>ca<u>uccuacacac.....</u>C</u>	3	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	4	1	GDM
.....uguaaca <u>ucca<u>cc<u>acacac.....</u>C</u></u>	1	1	GDM
.....uguaaca <u>ucc<u>cc<u>acacac.....</u>C</u></u>	3	1	GDM
.....ugCaa <u>aca<u>uccuacacac.....</u>C</u>	3	1	GDM
.....uguaG <u>ca<u>uccuacacac.....</u>C</u>	5	1	GDM
.....uguaG <u>aca<u>uccuacacac.....</u>C</u>	5	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	3	1	GDM
.....uguaaca <u>uccuacacac.....</u> C	3	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	12	1	GDM
.....uguaaca <u>uccuacacac.....</u> U	2	1	GDM

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucuacagcuguggaaaguagaagcugggagaaggcuguuuacucuuucu

.....uguaaacauccuacacucuca.....	793	0	GDM
.....uguaaacauccuacGcucuca.....	7	1	GDM
.....uguaaacauccuacacucuca.....	793	0	GDM
.....uguaGaca <u>uccuacacucuca.....</u>	5	1	GDM
.....uguaaacauccuacacucu <u>G.....</u>	8	1	GDM
.....uguaaacauccuacacucu <u>U.....</u>	5	1	GDM
.....uguaaacauccuacGcucuca.....	7	1	GDM
.....uguaaacauccuacacu <u>ca.....</u>	1	1	GDM
.....Aguaa <u>acauccuacacucuca.....</u>	1	1	GDM
.....uguaaacau <u>ccuacacucuca.....</u>	1	1	GDM
.....uguaaacauccuacacucu <u>U.....</u>	5	1	GDM
.....uguaaacG <u>ccuacacucuca.....</u>	3	1	GDM
.....uguaaa <u>Uauccuacacucuca.....</u>	1	1	GDM
.....uguaaacaucc <u>uacacucuca.....</u>	793	0	GDM
.....uguaaacaucc <u>Ccacacucuca.....</u>	3	1	GDM
.....uguaaacaucc <u>CCacacucuca.....</u>	3	1	GDM
.....ug <u>AAacacauccuacacucuca.....</u>	3	1	GDM
.....uguaaacau <u>ccuacacucuca.....</u>	3	1	GDM
.....uguaaacau <u>ccuacacucuca.....</u>	12	1	GDM
.....uguaaac <u>CCcuacacucuca.....</u>	4	1	GDM
.....uguaaacauccuacac <u>CCuca.....</u>	5	1	GDM
.....Cguaa <u>acauccuacacucuca.....</u>	6	1	GDM
.....uguaaacauccuacacu <u>U.....</u>	5	1	GDM
.....Gguaa <u>acauccuacacucuca.....</u>	1	1	GDM
.....uguaU <u>a<u>ccuacacucuca.....</u></u>	3	1	GDM
.....uguaaacaucc <u>uacacuc<u>C.....</u></u>	1	1	GDM
.....uguaaacau <u>ccuacacucu<u>U.....</u></u>	3	1	GDM
.....uguaaacau <u>ccu<u>gcacacucuca.....</u></u>	2	1	GDM
.....uguaa <u>aca<u>CCcuacacucuca.....</u></u>	4	1	GDM
.....uguaaa <u>acu<u>ccuacac<u>CCuca.....</u></u></u>	5	1	GDM
.....uguaa <u>G<u>ccuacacucuca.....</u></u>	5	1	GDM
.....uguaaacaucc <u>uacacucu<u>G.....</u></u>	8	1	GDM
.....uguaaacaucc <u>A<u>acacucu<u>ca.....</u></u></u>	1	1	GDM
.....uguaaacaucc <u>uacacu<u>ca.....</u></u>	12	1	GDM
.....Cguaa <u>acauccuacacucu<u>ca.....</u></u>	4	1	GDM
.....uguaaac <u>G<u>ccuacacucu<u>ca.....</u></u></u>	1	1	GDM
.....uguaaacau <u>ccuacacucu<u>ca.....</u></u>	2	1	GDM
.....uguaa <u>G<u>ccuacacucu<u>ca.....</u></u></u>	1	1	GDM
.....ug <u>AAacacauccuacacucu<u>ca.....</u></u>	1	1	GDM
.....uguaaacau <u>ccuacacu<u>Gag.....</u></u>	1	1	GDM
.....uguaaacauccuacacu <u>ca.....</u>	194	0	GDM
.....uguaU <u>aca<u>ccuacacucu<u>ca.....</u></u></u>	1	1	GDM
.....uguaaacauccuacac <u>CCag.....</u>	1	1	GDM
.....uguaaac <u>auc<u>Guacacacucu<u>ca.....</u></u></u>	1	1	GDM
.....uguaGaca <u>ccuacacucu<u>ca.....</u></u>	1	1	GDM
.....uguaaac <u>ac<u>CCcuacacucu<u>ca.....</u></u></u>	2	1	GDM
.....uguaaacauccuacacu <u>ca.....</u>	194	0	GDM
.....uguaaacau <u>ccuacacucu<u>A.....</u></u>	12	1	GDM
.....uguaaacauccuacacu <u>ca.....</u>	194	0	GDM
.....uguaaacauccuacacucu <u>C.....</u>	3	1	GDM
.....uguaaacauccuacacucu <u>G.....</u>	1	1	GDM
.....uguaaacau <u>ccuacacucu<u>ca.....</u></u>	2	1	GDM
.....uguaaac <u>ac<u>ccuacacucu<u>ca.....</u></u></u>	12	1	GDM
.....u <u>AAuaaacauccuacacucu<u>ca.....</u></u>	14	1	GDM
.....uguaaa <u>A<u>auccuacacucu<u>ca.....</u></u></u>	4	1	GDM
.....uguaaacauccuac <u>U<u>cucu<u>ca.....</u></u></u>	5	1	GDM
.....ugua <u>U<u>aca<u>ccuacacucu<u>ca.....</u></u></u></u>	5	1	GDM
.....uguaaacau <u>ccuacacucu<u>ca.....</u></u>	4	1	GDM
.....uguaaacauccuacacu <u>U<u>gc.....</u></u>	9	1	GDM
.....uguaaacauccuacacu <u>ca.....</u>	227	1	GDM
.....uguaaacauccuac <u>U<u>cucu<u>ca.....</u></u></u>	5	1	GDM
.....uguaaca <u>G<u>ccuacacucu<u>ca.....</u></u></u>	3	1	GDM
.....uguaaacauccuacacu <u>U<u>gc.....</u></u>	9	1	GDM
.....uguaaacauccuacacu <u>A<u>ucag.....</u></u>	1	1	GDM
.....uguaaca <u>CCcuacacucu<u>ca.....</u></u>	38	1	GDM
.....uguaaacauccuac <u>U<u>cucu<u>ca.....</u></u></u>	5	1	GDM
.....uguaGaca <u>ccuacacucu<u>ca.....</u></u>	26	1	GDM
.....uguaaacauccuacacu <u>U<u>gc.....</u></u>	15	1	GDM
.....uguaaacauccuacacu <u>ca.....</u>	227	1	GDM

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuuuuacucuuucu

.....uguaaacauccuacacucu <u>a</u>	12	1	GDM
.....uguaaac <u>a</u> ccuacacucucagc.....	2	1	GDM
.....uguaaacau <u>U</u> ccuacacucucagc.....	18	1	GDM
.....uguaaacauccu <u>a</u> caGucucagc.....	2	1	GDM
.....uguaaacauccu <u>a</u> caCcu <u>c</u> agc.....	27	1	GDM
.....ugu <u>C</u> aacauccuacacucucagc.....	1	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> acu <u>U</u> agc.....	11	1	GDM
.....ug <u>l</u> aaa <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	4	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	5015	0	GDM
.....uguaaac <u>a</u> ccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	3	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> uc <u>C</u> agc.....	31	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> ucu <u>U</u> agc.....	11	1	GDM
.....uguaaa <u>G</u> au <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	1	1	GDM
.....ug <u>l</u> aaa <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	4	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> ucu <u>U</u> agc.....	11	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> ucu <u>c</u> u <u>a</u>	1	1	GDM
.....uguaaacauccu <u>a</u> ca <u>U</u> ucu <u>c</u> agc.....	8	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> cu <u>c</u> agc.....	27	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> u <u>U</u> uc <u>c</u> agc.....	2	1	GDM
.....uguaaac <u>G</u> uccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	29	1	GDM
.....uguaaacaucc <u>G</u> ac <u>c</u> ucu <u>c</u> agc.....	4	1	GDM
.....Agu <u>a</u> aacauccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	12	1	GDM
.....uguaaacaucc <u>A</u> ac <u>c</u> ucu <u>c</u> agc.....	11	1	GDM
.....uguaaac <u>U</u> uccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	3	1	GDM
.....uguaa <u>C</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	19	1	GDM
.....ugua <u>U</u> aca <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	5	1	GDM
.....uguaa <u>a</u> c <u>C</u> uccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	1	1	GDM
.....uguaaacau <u>U</u> ca <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	18	1	GDM
.....uguaa <u>a</u> ca <u>C</u> ccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	38	1	GDM
.....Cguua <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	27	1	GDM
.....ugua <u>a</u> ca <u>C</u> ccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	19	1	GDM
.....u <u>A</u> ua <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	14	1	GDM
.....uguaaacau <u>c</u> u <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	2	1	GDM
.....uguaa <u>C</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	19	1	GDM
.....ug <u>G</u> aaa <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	6	1	GDM
.....uguaaacau <u>c</u> u <u>a</u> ca <u>c</u> uc <u>A</u> agc.....	9	1	GDM
.....uguaaac <u>G</u> uccu <u>a</u> ca <u>c</u> ucu <u>c</u> age.....	29	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> u <u>c</u> Acagc.....	9	1	GDM
.....ugua <u>a</u> U <u>c</u> au <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	4	1	GDM
.....uguaaacau <u>c</u> u <u>a</u> ca <u>c</u> u <u>c</u> u <u>a</u>	4	1	GDM
.....uguaaac <u>G</u> uccu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	29	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> Acu <u>c</u> agc.....	7	1	GDM
.....uga <u>G</u> aca <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	26	1	GDM
.....uguaaacaucc <u>C</u> ac <u>c</u> ucu <u>c</u> agc.....	30	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> ucu <u>c</u> ag <u>G</u>	8	1	GDM
.....ug <u>C</u> aa <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	25	1	GDM
.....ugua <u>U</u> ca <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	4	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> cu <u>c</u> u <u>c</u> agc.....	27	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> ucu <u>c</u> u <u>A</u>	12	1	GDM
.....Cguua <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	27	1	GDM
.....uguaa <u>G</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	21	1	GDM
.....uguaaacau <u>c</u> u <u>a</u> ca <u>c</u> u <u>c</u> u <u>a</u>	5	1	GDM
.....G <u>Gu</u> ua <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	2	1	GDM
.....ugua <u>G</u> aca <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	26	1	GDM
.....ug <u>G</u> aa <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	25	1	GDM
.....uguaaacau <u>c</u> u <u>a</u> ca <u>c</u> u <u>c</u> u <u>U</u>	1004	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> ucu <u>c</u> u <u>G</u>	17	1	GDM
.....ug <u>G</u> aa <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	6	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> u <u>c</u> u <u>G</u>	20	1	GDM
.....uguaa <u>U</u> au <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	8	1	GDM
.....uguaaacau <u>c</u> u <u>a</u> ca <u>c</u> u <u>c</u> u <u>G</u>	4	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> u <u>c</u> u <u>a</u>	7	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> Acu <u>c</u> agc.....	12	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> u <u>c</u> u <u>U</u>	1004	1	GDM
.....ugu <u>G</u> a <u>a</u> cau <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	9	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> u <u>c</u> u <u>G</u>	2	1	GDM
.....uguaa <u>C</u> au <u>c</u> cu <u>a</u> ca <u>c</u> ucu <u>c</u> agc.....	4	1	GDM
.....uguaaacauccu <u>a</u> ca <u>c</u> u <u>c</u> u <u>U</u>	8	1	GDM
.....uguaaacau <u>c</u> u <u>a</u> ca <u>c</u> u <u>c</u> u <u>U</u>	2	1	GDM

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuuuuacucuuucu

.....uguaaacauccuGcacucucagc.....	15	1	GDM
.....uguaaacauccuUcacucucagc.....	10	1	GDM
.....ugCaaaca <u>uccuacacucucagc.....</u>	25	1	GDM
.....uguaaa <u>Ua<u>uccuacacucucagc.....</u></u>	8	1	GDM
.....ugua <u>Ua<u>ca<u>uccuacacucucagc.....</u></u></u>	5	1	GDM
.....uguaaac <u>uccuacacucucGgc.....</u>	17	1	GDM
.....uguaaG <u>ca<u>uccuacacucucagc.....</u></u>	21	1	GDM
.....uguaaac <u>uccuacacucagc.....</u>	2	1	GDM
.....uguaaac <u>C<u>ccuacacucucagc.....</u></u>	38	1	GDM
.....uguaaac <u>uccuacacucagA.....</u>	227	1	GDM
.....uguaaac <u>uccuacacucCcagc.....</u>	31	1	GDM
.....uguaaac <u>uccuacacucu<u>Cc.....</u></u>	1	1	GDM
.....uguaaac <u>uccuacacucu<u>G.....</u></u>	8	1	GDM
.....uguaaac <u>uccuacac<u>Acu<u>cg.....</u></u></u>	7	1	GDM
.....uguaaac <u>uccu<u>A<u>ucu<u>cag.....</u></u></u></u>	5	1	GDM
.....uguaaac <u>uccu<u>U<u>acu<u>cucag.....</u></u></u></u>	4	1	GDM
.....uguaaac <u>ucc<u>A<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	11	1	GDM
.....uguaC <u>a<u>ccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	3	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>U<u>cucag.....</u></u></u></u></u>	8	1	GDM
.....ug <u>Gaa<u>aac<u>uccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u>	6	1	GDM
.....uguaC <u>a<u>ca<u>ccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u>	3	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>G<u>cucu<u>cg.....</u></u></u></u></u></u>	20	1	GDM
.....uguaaac <u>ucc<u>C<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	30	1	GDM
.....uguaaa <u>A<u>aa<u>uccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u>	4	1	GDM
.....uguaaac <u>uccu<u>U<u>acu<u>cucag.....</u></u></u></u>	10	1	GDM
.....Aguaaa <u>ac<u>uccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	12	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>U<u>gc.....</u></u></u></u></u>	9	1	GDM
.....uguGa <u>a<u>ccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	9	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>lucu<u>cag.....</u></u></u></u></u></u>	2	1	GDM
.....uguaaG <u>ca<u>ccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	21	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>cag.....</u></u></u></u></u>	9	1	GDM
.....u <u>A<u>ua<u>aa<u>ccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u></u>	14	1	GDM
.....C <u>gu<u>ua<u>ac<u>ccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u></u>	27	1	GDM
.....uguaaac <u>ucc<u>C<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	30	1	GDM
.....uguaaac <u>uccu<u>G<u>cac<u>acu<u>cucag.....</u></u></u></u></u>	15	1	GDM
.....uguaaac <u>uccu<u>U<u>acu<u>cucag.....</u></u></u></u>	5	1	GDM
.....ug <u>ua<u>aa<u>ca<u>u<u>U<u>cac<u>acu<u>cucag.....</u></u></u></u></u></u></u></u>	18	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>U<u>g.....</u></u></u></u></u>	1004	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>g.....</u></u></u></u></u>	2	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>C<u>ca<u>g.....</u></u></u></u></u></u>	31	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>G<u>cucu<u>cg.....</u></u></u></u></u></u>	20	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>cacu<u>cucag.....</u></u></u></u></u>	5015	0	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>G<u>ucu<u>cg.....</u></u></u></u></u></u>	2	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>cacu<u>cucag.....</u></u></u></u></u>	5015	0	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>ac<u>cucag.....</u></u></u></u></u></u>	11	1	GDM
.....A <u>gu<u>aa<u>ac<u>uccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u></u>	12	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>U<u>cucu<u>cg.....</u></u></u></u></u></u>	17	1	GDM
.....uguaaac <u>uccu<u>U<u>acu<u>acu<u>cucag.....</u></u></u></u></u>	1	1	GDM
.....uguGa <u>a<u>ccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	9	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>ca<u>cucag.....</u></u></u></u></u></u>	8	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>ac<u>cucag.....</u></u></u></u></u></u>	5	1	GDM
.....uguaaac <u>uccu<u>G<u>cac<u>acu<u>cucag.....</u></u></u></u></u>	31	1	GDM
.....Gu <u>ua<u>aa<u>ac<u>uccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u></u>	4	1	GDM
.....uguaaac <u>uccu<u>G<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	31	1	GDM
.....uguaaac <u>uccu<u>U<u>acu<u>cucag.....</u></u></u></u>	5	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>C<u>cu<u>cg.....</u></u></u></u></u></u>	37	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>ca<u>cucag.....</u></u></u></u></u></u>	7091	0	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>G<u>ccu<u>acu<u>cucag.....</u></u></u></u></u></u></u>	4	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>cag<u>cu.....</u></u></u></u></u></u>	11	1	GDM
.....uguaaac <u>uccu<u>U<u>acu<u>cucag.....</u></u></u></u>	8	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>ca<u>U<u>cag.....</u></u></u></u></u></u></u>	8	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>U<u>U<u>cag.....</u></u></u></u></u></u>	8	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>U<u>U<u>cag.....</u></u></u></u></u></u>	8	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>G<u>ca<u>cu.....</u></u></u></u></u></u>	2	1	GDM
.....ug <u>Gaa<u>ac<u>uccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u>	6	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>ucu<u>cag.....</u></u></u></u></u></u>	6	1	GDM
.....uguaaac <u>uccu<u>ac<u>acu<u>A<u>ag<u>cu.....</u></u></u></u></u></u>	3	1	GDM
.....uguaaac <u>au<u>Acu<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	3	1	GDM
.....A <u>gu<u>aa<u>ac<u>uccu<u>ac<u>acu<u>cucag.....</u></u></u></u></u></u></u>	12	1	GDM
.....uguaaac <u>au<u>Uu<u>ac<u>acu<u>cucag.....</u></u></u></u></u>	12	1	GDM

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguuaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuguuuacucuuuuu

.....uguaaca <u>ucU<u>acacucucagc</u></u>	12	1	GDM
.....uguaaca <u>ucU<u>acacucucagc</u></u>	62	1	GDM
.....Cguaa <u>aca<u>uccuacacucucagc</u></u>	44	1	GDM
.....uguaac <u>U<u>uccuacacucucagc</u></u>	5	1	GDM
.....uguaaca <u>uccu<u>U<u>cacucucagc</u></u></u>	12	1	GDM
.....uguaaa <u>A<u>uccuacacucucagc</u></u>	4	1	GDM
.....uguaaca <u>ac<u>u<u>acacucucagc</u></u></u>	3	1	GDM
.....uguaaa <u>A<u>auccuacacucucagc</u></u>	4	1	GDM
.....uguaac <u>U<u>uccuacacucucagc</u></u>	5	1	GDM
.....uga <u>G<u>aca<u>uccuacacucucagc</u></u></u>	32	1	GDM
.....uguaaca <u>Acc<u>uacacucucagc</u></u>	5	1	GDM
.....ug <u>u<u>Ca<u>aca<u>uccuacacucucagc</u></u></u></u>	2	1	GDM
.....uguaac <u>C<u>uccuacacucucagc</u></u>	4	1	GDM
.....uguaac <u>a<u>uccu<u>C<u>cacucucagc</u></u></u></u>	1	1	GDM
.....uguaac <u>ac<u>uccu<u>A<u>acucucagc</u></u></u></u>	8	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>acucucG</u></u></u></u>	31	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>Ac<u>ucagc</u></u></u></u></u>	12	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>acucucagc</u></u></u></u>	7091	0	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>acucucagc</u></u></u></u>	55	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>acucucU</u></u></u></u>	5	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>U<u>cucucagc</u></u></u></u></u>	5	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>U<u>cucucag</u></u></u></u></u>	15	1	GDM
.....uguaac <u>ac<u>ucc<u>A<u>acacucucagc</u></u></u></u>	5	1	GDM
.....uguaaca <u>ac<u>u<u>U<u>cu<u>acacucucagc</u></u></u></u></u>	62	1	GDM
.....uguaac <u>Ca<u>uccu<u>ac<u>acucucagc</u></u></u></u>	18	1	GDM
.....ugua <u>G<u>aca<u>uccuacacucucagc</u></u></u>	32	1	GDM
.....ug <u>AAA<u>ac<u>uccu<u>ac<u>acucucagc</u></u></u></u></u>	6	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>acucucagc</u></u></u></u>	7091	0	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>acucucagc</u></u></u></u>	55	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>U<u>cucucagc</u></u></u></u></u>	5	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>C<u>acacucucagc</u></u></u></u></u>	31	1	GDM
.....uguaac <u>U<u>uccu<u>ac<u>acucucagc</u></u></u></u>	5	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>A<u>acucucagc</u></u></u></u></u>	2	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>U<u>agc</u></u></u></u></u>	10	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>U<u>agc</u></u></u></u></u>	647	1	GDM
.....ug <u>C<u>aa<u>uccu<u>ac<u>acucucagc</u></u></u></u></u>	29	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>acucucG</u></u></u></u>	31	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>G<u>cucucagc</u></u></u></u></u>	26	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>C<u>ccu<u>acacucucagc</u></u></u></u></u></u>	43	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>C<u>ccu<u>acagc</u></u></u></u></u></u>	37	1	GDM
.....uguaac <u>U<u>uccu<u>ac<u>acucucagc</u></u></u></u>	9	1	GDM
.....uguaac <u>ac<u>ucc<u>C<u>acacucucagc</u></u></u></u>	31	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>U<u>cacucucagc</u></u></u></u></u>	12	1	GDM
.....uguaac <u>ac<u>uccu<u>ac<u>ac<u>A<u>agc</u></u></u></u></u></u>	3	1	GDM
.....ugua <u>U<u>ac<u>uccu<u>ac<u>acucucagc</u></u></u></u></u>	7	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>acacucucagc</u></u></u></u></u></u>	3	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>CC<u>cucucagc</u></u></u></u></u></u></u>	4	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>C<u>cucucagc</u></u></u></u></u></u></u>	4	1	GDM
.....ug <u>AAA<u>ac<u>ac<u>u<u>Ac<u>u<u>acucucagc</u></u></u></u></u></u></u>	6	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>cucagc</u></u></u></u></u></u></u>	6	1	GDM
.....ug <u>AAA<u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>cucag</u></u></u></u></u></u></u></u>	18	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>U<u>cucag</u></u></u></u></u></u></u></u>	15	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>A<u>cucag</u></u></u></u></u></u></u>	10	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>G<u>cacucucagc</u></u></u></u></u></u></u>	31	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>acacucucagc</u></u></u></u></u></u></u>	12	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>A<u>acucucagc</u></u></u></u></u></u></u>	2	1	GDM
.....ug <u>AAA<u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>acacucucagc</u></u></u></u></u></u></u></u>	2	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>acacucucagc</u></u></u></u></u></u></u>	32	1	GDM
.....ug <u>G<u>aa<u>ac<u>ac<u>u<u>Ac<u>u<u>acacucucagc</u></u></u></u></u></u></u></u>	6	1	GDM
.....ugua <u>C<u>aa<u>ac<u>ac<u>u<u>Ac<u>u<u>acacucucagc</u></u></u></u></u></u></u></u>	18	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>U<u>acacucucag</u></u></u></u></u></u></u></u>	15	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>U<u>U<u>acacucucag</u></u></u></u></u></u></u></u></u>	5	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>C<u>ccu<u>acacucucagc</u></u></u></u></u></u></u></u>	43	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>acacucu<u>U</u></u></u></u></u></u></u></u>	2	1	GDM
.....Cguaa <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>acacucucagc</u></u></u></u></u></u></u>	44	1	GDM
.....Aguaa <u>ac<u>ac<u>u<u>Ac<u>u<u>U<u>acacucucagc</u></u></u></u></u></u></u>	12	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>Ac<u>ucagc</u></u></u></u></u></u></u>	12	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>C<u>cacucucagc</u></u></u></u></u></u></u>	31	1	GDM
.....uguaac <u>ac<u>ac<u>u<u>Ac<u>u<u>G<u>cucucagc</u></u></u></u></u></u></u>	26	1	GDM

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuguuuacucuuuucu

.....ugCaaaca <u>uccuacacucucagc</u> u.....	29	1	GDM
.....ugu <u>aaaca<u>uccuacUcucucagc</u>u.....</u>	5	1	GDM
.....ugu <u>aaaca<u>uccuUcacucucagc</u>u.....</u>	12	1	GDM
.....ugu <u>aaaca<u>uccuacacucucagcA</u>.....</u>	555	1	GDM
.....ugu <u>aaaca<u>uccuacacAcucagc</u>u.....</u>	12	1	GDM
.....ugu <u>aaaca<u>uccuacacucCcagc</u>u.....</u>	38	1	GDM
.....ugu <u>aaaca<u>Gccuacacucucagc</u>u.....</u>	4	1	GDM
.....Ggu <u>aaaca<u>uccuacacucucagc</u>u.....</u>	4	1	GDM
.....ugu <u>aaaca<u>Gccuacacucucagc</u>u.....</u>	4	1	GDM
.....u <u>Auaaca<u>uccuacacucucagc</u>u.....</u>	18	1	GDM
.....ugu <u>aaaca<u>uccuacacucuAagc</u>u.....</u>	3	1	GDM
.....ugu <u>aaaca<u>uccuacacucucGgc</u>u.....</u>	31	1	GDM
.....ugu <u>aaaca<u>uccuac<u>Aucucagc</u>u.....</u></u>	3	1	GDM
.....ugu <u>aaaca<u>uccuacacucu<u>A</u>cu.....</u></u>	10	1	GDM
.....ugu <u>aaac<u>Guccuacacucucagc</u>u.....</u>	32	1	GDM
.....ugu <u>aaaca<u>uccuac<u>Gcucagc</u>u.....</u></u>	1	1	GDM
.....ugu <u>aaaca<u>ucc<u>Gacacucucagc</u>u.....</u></u>	5	1	GDM
.....ugu <u>Gaaca<u>uccuacacucucagc</u>u.....</u>	19	1	GDM
.....ugu <u>aaaca<u>uccuacacucucagcC</u>.....</u>	647	1	GDM
.....ugu <u>Gaaca<u>uccuacacucucagc</u>u.....</u>	19	1	GDM
.....ugu <u>aaaca<u>uccuacacucucag<u>G</u>u.....</u></u>	2	1	GDM
.....ugu <u>aaaca<u>Accuacacucucagc</u>u.....</u>	5	1	GDM
.....ugu <u>aaG<u>cauccuacacucucagc</u>u.....</u>	40	1	GDM
.....ugu <u>aaaca<u>uccuacacucu<u>C</u>u.....</u></u>	1	1	GDM
.....ugu <u>aaaca<u>uccuacacucucag<u>G</u>o.....</u></u>	55	1	GDM
.....Agu <u>aaaca<u>uccuacacucucagc</u>u.....</u>	12	1	GDM
.....ugu <u>aaac<u>Guccuacacucucagc</u>u.....</u>	32	1	GDM
.....ugu <u>Uaaca<u>uccuacacucucagc</u>u.....</u>	6	1	GDM
.....ugu <u>aaaU<u>auccuacacucucagc</u>u.....</u>	9	1	GDM
.....ugu <u>aaaca<u>ucc<u>Gacacucucagc</u>u.....</u></u>	5	1	GDM
.....ug <u>Caaaca<u>uccuacacucucagc</u>u.....</u>	29	1	GDM
.....ugu <u>aaaU<u>auccuacacucucagc</u>u.....</u>	9	1	GDM
.....ugu <u>aaaca<u>uccuac<u>Aucucagc</u>u.....</u></u>	3	1	GDM
.....ugu <u>aaaca<u>au<u>Cuacacucucagc</u>u.....</u></u>	62	1	GDM
.....ugu <u>aaaca<u>uccuac<u>Gcucucagc</u>u.....</u></u>	26	1	GDM
.....ugu <u>Uaaca<u>uccuacacucucagc</u>u.....</u>	7	1	GDM
.....ugu <u>aaaca<u>Cccuacacucucagc</u>u.....</u>	43	1	GDM
.....ugu <u>aaac<u>Cuccuacacucucagc</u>u.....</u>	4	1	GDM
.....ugu <u>aaaca<u>uccuacacucucag<u>G</u>u.....</u></u>	2	1	GDM
.....ugu <u>aaaca<u>uccuacacuc<u>Ccagc</u>u.....</u></u>	38	1	GDM
.....ugu <u>aaaca<u>uccuacacuc<u>Acagc</u>u.....</u></u>	11	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Uucagc</u>u.....</u></u>	8	1	GDM
.....ugu <u>Gaaca<u>uccuacacucucagc</u>u.....</u>	19	1	GDM
.....ugu <u>aaC<u>cauccuacacucucagc</u>u.....</u>	18	1	GDM
.....ugu <u>aaaca<u>uccuacacucucag<u>A</u>.....</u></u>	555	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Acagc</u>u.....</u></u>	11	1	GDM
.....ugu <u>aa<u>Ucauccuacacucucagc</u>u.....</u>	4	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Ccucagc</u>u.....</u></u>	37	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Uacucucagc</u>u.....</u></u>	8	1	GDM
.....ugu <u>Uaaca<u>uccuacacucucagc</u>u.....</u>	6	1	GDM
.....ugu <u>aaaca<u>uccuacacuc<u>CagcA</u>.....</u></u>	555	1	GDM
.....ugu <u>Uaaca<u>uccuacacucucagc</u>u.....</u>	7	1	GDM
.....ugu <u>aa<u>Ucauccuacacucucagc</u>u.....</u>	4	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Ccagc</u>u.....</u></u>	38	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Uucagc</u>u.....</u></u>	6	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Uagc</u>u.....</u></u>	10	1	GDM
.....ugu <u>aaaca<u>uccuacacuc<u>C</u>agc</u>.....</u>	647	1	GDM
.....ugu <u>aaaca<u>uccuacacucu<u>A</u>cu.....</u></u>	10	1	GDM
.....ugu <u>aaG<u>cauccuacacucucagc</u>u.....</u>	40	1	GDM
.....ugu <u>Gaca<u>uccuacacucucagc</u>u.....</u>	32	1	GDM
.....Cgu <u>aaaca<u>uccuacacucucagc</u>u.....</u>	44	1	GDM
.....ugu <u>aaaca<u>uccuacacucu<u>U</u>agc</u>u.....</u>	10	1	GDM
.....ugu <u>aaaca<u>uccuacacucu<u>U</u>cu.....</u></u>	2	1	GDM
.....ugu <u>aaaca<u>uccuacac<u>Aucagc</u>u.....</u></u>	1	1	GDM
.....u <u>Auaaca<u>uccuacacucucagc</u>u.....</u>	18	1	GDM
.....ugu <u>aaaca<u>ucc<u>Gacacucucagc</u>u.....</u></u>	5	1	GDM
.....ugu <u>aaG<u>cauccuacacucucagc</u>u.....</u>	40	1	GDM
.....ugu <u>aaaca<u>uccuacacucucagcA</u>.....</u>	13	1	GDM
.....ugu <u>aaaca<u>uccuacacucucagcU</u>.....</u>	37	1	GDM

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaacauccuacacucucaguguggaaaguagaagcugggagaaggcuguuuaccuuuucu

.....uguaaca <u>uccuacacucucagc</u> uA.....	13	1	GDM
.....uguaaca <u>uccuacacucucagc</u> uU.....	37	1	GDM
.....uguaaca <u>uccuacacucucagc</u> A.....	13	1	GDM
.....uguaaca <u>uccuacacucucagc</u> U.....	37	1	GDM
.....uguaaca <u>uccuacacucucagc</u> gu.....	13	0	GDM
.....uguaaca <u>uccuacacucucagc</u> G.....	1	1	GDM
.....uguaaca <u>uccuacacucucagc</u> gu.....	13	0	GDM
.....uguaaca <u>uccuacacucucagc</u> gu.....	13	0	GDM
.....uguaaca <u>uccuacacucucagc</u> gu.....	7	1	GDM
.....uguaaca <u>uccuacacucucagc</u> gA.....	3	1	GDM
.....uguaaca <u>uccuacacucucagc</u> gU.....	7	1	GDM
.....uguaaca <u>uccuacacucucagc</u> g.....	3	1	GDM
.....uguaaca <u>uccuacacucucagc</u> gu.....	13	0	GDM
.....guaa <u>acaGccuacacucu</u> ca.....	1	1	GDM
.....guaa <u>acaGccuacacucu</u> gA.....	1	1	GDM
.....cugggagaagg <u>cuguuu</u> acu.....	5	0	GDM
.....cugggagaagg <u>cuguuu</u> acu.....	1	0	GDM
.....cugggagaagg <u>cuguuu</u> acu.....	2	0	GDM
.....cugggagaagg <u>cuguuu</u> acuC.....	1	1	GDM
.....cugggagaagg <u>cuguuu</u> acu.....	2	0	GDM
.....cugggagaagg <u>cuguuu</u> acu.....	1	0	GDM
.....ugggagaagg <u>cuguuu</u> acu.....	3	0	GDM
.....ugggagaagg <u>cuguuu</u> acu.....	3	0	GDM
.....aAuguaaca <u>uccuacacucucagc</u> u.....	2	1	Z1_
.....Auguaaca <u>uccuacacucu</u> ca.....	1	1	Z1_
.....cuguaaca <u>uccuacacucucagc</u>	4	0	Z1_
.....cuguaaca <u>uccuacacucucag</u> U.....	1	1	Z1_
.....Auguaaca <u>uccuacacucucagc</u> u.....	3	1	Z1_
.....cuguaaca <u>uccuacacucucagc</u> u.....	1	0	Z1_
.....cuguaaca <u>uccuacacucucagc</u> C.....	1	1	Z1_
.....uguaaca <u>uccuacacucu</u> c.....	1	0	Z1_
.....uguaaca <u>uccuacacucu</u>	2	0	Z1_
.....uguaaca <u>uccuacacuc</u>	2	1	Z1_
.....uguaaca <u>uccuacGcucu</u>	2	1	Z1_
.....uguaaca <u>uccuacacucC</u>	1	1	Z1_
.....uguaaca <u>uccuacacAcu</u>	1	1	Z1_
.....uguaaca <u>uccuGcacu</u> cuc.....	4	1	Z1_
.....uguaaca <u>uccuacacu</u> A.....	3	1	Z1_
.....uguaaca <u>uccuacacCc</u>	1	1	Z1_
.....uguaaca <u>uccuacacCc</u>	28	1	Z1_
.....uguaaca <u>uccuacacu</u>	239	0	Z1_
.....uguaaca <u>uccuacu</u>	1	1	Z1_
.....uguaCa <u>uccuacacucu</u>	1	1	Z1_
.....uguaaca <u>uccAacacucu</u>	1	1	Z1_
.....uguaaca <u>CCcuacacucu</u>	2	1	Z1_
.....uguCa <u>acuccuacacucu</u>	2	1	Z1_
.....uguaaca <u>uccCacacu</u>	3	1	Z1_
.....ug <u>Caacuccuacacucu</u>	2	1	Z1_
.....uguaa <u>Uaucuccuacacucu</u>	1	1	Z1_
.....uguaG <u>acuccuacacucu</u>	1	1	Z1_
.....uguaaca <u>uccuacGcucu</u>	1	1	Z1_
.....Cguaa <u>acaGccuacacucu</u>	1	1	Z1_
.....uguaaca <u>CCcuacacucu</u>	5	1	Z1_
.....uguaaG <u>cauccuacacucu</u>	1	1	Z1_
.....uguaaca <u>uccAacacucu</u>	3	1	Z1_
.....uguaaca <u>uccuacacu</u>	240	0	Z1_
.....uguaaca <u>uccuacacu</u> A.....	1	1	Z1_
.....uguaaca <u>uccuacacu</u> A.....	1	1	Z1_
.....uguaac <u>Guccuacacucu</u>	1	1	Z1_
.....uguaaca <u>uccuacacCc</u>	2	1	Z1_
.....uguaaca <u>uccuacacu</u>	1	1	Z1_
.....uguaaca <u>uccuacacu</u> G.....	1	1	Z1_
.....uguGa <u>acuccuacacucu</u>	1	1	Z1_
.....uguaaca <u>uccCacacucu</u>	1	1	Z1_
.....Cguaa <u>acaGccuacacucu</u>	3	1	Z1_
.....uguaaca <u>uccuacacCc</u>	1	1	Z1_
.....uguaaca <u>uccuacacu</u> A.....	4	1	Z1_
.....uguaac <u>Guccuacacucu</u>	3	1	Z1_
.....uguaaca <u>uccuacacu</u>	99	0	Z1_
.....Aguaa <u>acauccuacacucu</u>	1	1	Z1_
.....uguaaca <u>uccuacacu</u> Gg.....	1	1	Z1_

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacuguaaacauccuacacucucagcuguggaaaguagaagcugggagaaggcuuuuacucuuucu

.....uguaaacauccuacacucu <u>U</u>	4	1	Z1_
.....uguaaacauccuacacuc <u>Ccag</u>	2	1	Z1_
.....uguaaacauccuacacuc <u>Ccagc</u>	25	1	Z1_
.....uguaaacauccuacacuc <u>ucagc</u>	3899	0	Z1_
.....uguaaac <u>Guccuacacucucagc</u>	10	1	Z1_
.....uguaaac <u>auccAacacucucagc</u>	5	1	Z1_
.....uguaaac <u>auccuCcacucucagc</u>	1	1	Z1_
.....uguaaacauccuacacucu <u>Uc</u>	1	1	Z1_
.....ugu <u>Caacauccuacacucucagc</u>	2	1	Z1_
.....uguaaacauccuacacucu <u>Ug</u>	716	1	Z1_
.....uguaaca <u>Cccuacacucucagc</u>	25	1	Z1_
.....uguaacau <u>Ucuacacucucagc</u>	18	1	Z1_
.....uguaaacauccuacacucu <u>Uagc</u>	4	1	Z1_
.....Cguuaacauccuacacucu <u>Ugc</u>	27	1	Z1_
.....uguaaca <u>Accuacacucucagc</u>	4	1	Z1_
.....uguaaca <u>auccuacUcucucagc</u>	4	1	Z1_
.....uguaaca <u>auccuacGcucucagc</u>	10	1	Z1_
.....uguaaca <u>auccuacacCcucagc</u>	22	1	Z1_
.....uguaaca <u>auccuacacucAcagc</u>	4	1	Z1_
.....ug <u>Caaacauccuacacucucagc</u>	22	1	Z1_
.....uga <u>Uacaucuacacucucagc</u>	2	1	Z1_
.....uguaaca <u>uccuUcacucucagc</u>	2	1	Z1_
.....uguaac <u>Cuccuacacucucagc</u>	4	1	Z1_
.....uguaaca <u>auccuacacucucagG</u>	7	1	Z1_
.....ugu <u>Gaacaucuacacucucagc</u>	17	1	Z1_
.....uguaaca <u>uccuacacuUucagc</u>	5	1	Z1_
.....uguaaca <u>auccuacacucuGgc</u>	15	1	Z1_
.....uguaaca <u>auccuacacucucagA</u>	130	1	Z1_
.....uga <u>Cacaucuacacucucagc</u>	1	1	Z1_
.....ugu <u>Uaacaucuacacucucagc</u>	4	1	Z1_
.....Gguaa <u>acaucuacacucucagc</u>	2	1	Z1_
.....uguaaca <u>auccuacacucucaA</u>	3	1	Z1_
.....uguaa <u>Gcaucuacacucucagc</u>	15	1	Z1_
.....uguaaca <u>uccuaUacucucagc</u>	9	1	Z1_
.....uguaaca <u>Gccuacacucucagc</u>	1	1	Z1_
.....ug <u>Gaaacauccuacacucucagc</u>	15	1	Z1_
.....uguaaca <u>auccuacUucucagc</u>	2	1	Z1_
.....uguaa <u>Uauccuacacucucagc</u>	2	1	Z1_
.....uguaaca <u>uccuGcacucucagc</u>	11	1	Z1_
.....uga <u>Gacaucuacacucucagc</u>	20	1	Z1_
.....u <u>Aaaaacaucuacacucucagc</u>	8	1	Z1_
.....uguaaca <u>uccuacacucuUgc</u>	2	1	Z1_
.....uguaaca <u>uccuacacAcucagc</u>	2	1	Z1_
.....uguaaca <u>uccuacacucuCgc</u>	3	1	Z1_
.....Aguaa <u>acaucuacacucucagc</u>	9	1	Z1_
.....uguaaca <u>auccCcacacucucagc</u>	25	1	Z1_
.....ugua <u>Caucuacacucucagc</u>	2	1	Z1_
.....ugua <u>Ccaucuacacucucagc</u>	10	1	Z1_
.....Cguaa <u>acaucuacacucucagc</u>	23	1	Z1_
.....uguaaca <u>uccuacacucuCa</u>	1	1	Z1_
.....u <u>Aaaaacaucuacacucucagc</u>	15	1	Z1_
.....uguaaca <u>uccuacacucCcagc</u>	26	1	Z1_
.....uguaaca <u>uccuacacu<u>Uucagc</u></u>	2	1	Z1_
.....uguaaca <u>cauGcuacacucucagc</u>	1	1	Z1_
.....uguaaca <u>uccuacUcucucagc</u>	1	1	Z1_
.....uguaaca <u>uccuacAcucagc</u>	3	1	Z1_
.....ugua <u>Ucaucuacacucucagc</u>	1	1	Z1_
.....uguaaca <u>uccuacu<u>Uucucagc</u></u>	4	1	Z1_
.....uguaa <u>Uauccuacacucucagc</u>	5	1	Z1_
.....uguaaca <u>uccuacacucAcagc</u>	11	1	Z1_
.....uguaaca <u>uccuacacucuUgc</u>	5	1	Z1_
.....uguaaca <u>uccuacacucucagcA</u>	291	1	Z1_
.....uguaaca <u>uccuAAcacucucagc</u>	1	1	Z1_
.....uguaaca <u>uccuGcacucucagc</u>	14	1	Z1_
.....uguaaca <u>uccAacacucucagc</u>	5	1	Z1_
.....ug <u>Caaacauccuacacucucagc</u>	20	1	Z1_
.....Gguaa <u>acaucuacacucucagc</u>	1	1	Z1_
.....uguaaca <u>uccuacacucucagc</u>	4655	0	Z1_
.....ugu <u>Caacauccuacacucucagc</u>	5	1	Z1_

hsa-miR-30c-5p

hsa-miR-30c-2-3p

agauacguuaaacauccuacacucucagcuguggaaaguaagcugggagaaggcuguuuacucuuucu

.....uguaaacauccuacacucucGcu.....	2	1	Z1_
.....uguaacaGccuacacucucagcu.....	1	1	Z1_
.....uguaaca <u>uccuacacucu</u> Ucu.....	1	1	Z1_
.....uguaaca <u>uccu</u> Gacucucagcu.....	1	1	Z1_
.....uga <u>U</u> aca <u>uccuacacucucagcu</u>	7	1	Z1_
.....uguaaca <u>auc</u> Guacacucucagcu.....	1	1	Z1_
.....uguaG <u>cauccuacacucucagcu</u>	28	1	Z1_
.....uga <u>G</u> aca <u>uccuacacucucagcu</u>	22	1	Z1_
.....uguaac <u>au</u> Cuacacucucagcu.....	37	1	Z1_
.....uguaac <u>aucc</u> Cacacucucagcu.....	16	1	Z1_
.....uguaac <u>acuccuacacucucag</u> Uu.....	5	1	Z1_
.....uguaaca <u>Accuacacucucag</u> cu.....	8	1	Z1_
.....uguaac <u>acuccuacG</u> ucucagcu.....	21	1	Z1_
.....uguaac <u>acuccuacacu</u> Aucagcu.....	2	1	Z1_
.....uguaac <u>acuccuacacucu</u> Ggcu.....	19	1	Z1_
.....ug <u>aaa</u> ac <u>acuccuacacucucag</u> cu.....	3	1	Z1_
.....uguaac <u>auc</u> Auacacucucagcu.....	1	1	Z1_
.....uguaaca <u>Cccuacacucucag</u> cu.....	21	1	Z1_
.....uguaac <u>acuccuacacucu</u> Acu.....	10	1	Z1_
.....uguaac <u>Guccuacacucucag</u> cu.....	20	1	Z1_
.....ugu <u>Ga</u> aca <u>uccuacacucucag</u> cu.....	16	1	Z1_
.....uguaac <u>au</u> Cuacacucucagcu.....	2	1	Z1_
.....uguaac <u>acuccuacacu</u> Uagcu.....	7	1	Z1_
.....uguaac <u>acuccu</u> Ucacucucagcu.....	3	1	Z1_
.....uguaac <u>acuccuacacucu</u> G.....	46	1	Z1_
.....Aguuaac <u>acuccuacacucucag</u> cu.....	6	1	Z1_
.....uguaac <u>acuccuacacCc</u> ucagcu.....	24	1	Z1_
.....uguaac <u>auc</u> Uuacacucucagcu.....	4	1	Z1_
.....uga <u>Caca</u> ccuacacucucagcu.....	4	1	Z1_
.....uguaac <u>acuccuacacu</u> Acu <u>ucag</u> cu.....	1	1	Z1_
.....ug <u>Gaa</u> ac <u>acuccuacacucucag</u> cu.....	10	1	Z1_
.....uguaac <u>Cca</u> ccuacacucucagcu.....	11	1	Z1_
.....uguaac <u>ac</u> Uuccuacacucucagcu.....	2	1	Z1_
.....uguaac <u>acuccuacacucucag</u> C.....	437	1	Z1_
.....uguaac <u>acuccuacacu</u> Aagcu.....	1	1	Z1_
.....uguaac <u>Cuccuacacucucag</u> cu.....	3	1	Z1_
.....uguaac <u>acuccu</u> Uacucucagcu.....	10	1	Z1_
.....uguaac <u>acuccuacacucucag</u> U.....	10	1	Z1_
.....uguaac <u>acuccuacacucucag</u> ug.....	3	0	Z1_
.....uguaac <u>acuccuacacucucag</u> A.....	3	1	Z1_
.....uguaac <u>acuccu</u> Gcacucucagcug.....	2	1	Z1_
.....uguaac <u>acuccuacacucucag</u> Uu.....	7	1	Z1_
.....uguaac <u>acuccuacacucucag</u> C.....	1	1	Z1_
.....uguaac <u>acuccuacacucucag</u> gu.....	18	0	Z1_
.....u <u>Ga</u> aca <u>uccuacacucucag</u> cu.....	1	1	Z1_
.....cugggagaaggcuguuuacu.....	1	0	Z1_
.....cugggagaaggcuguuuacuc.....	1	0	Z1_
.....cugggagaaggcuguuuacucuu...	4	0	Z1_
.....cugggagaaggcuguuuacucuA...	1	1	Z1_