

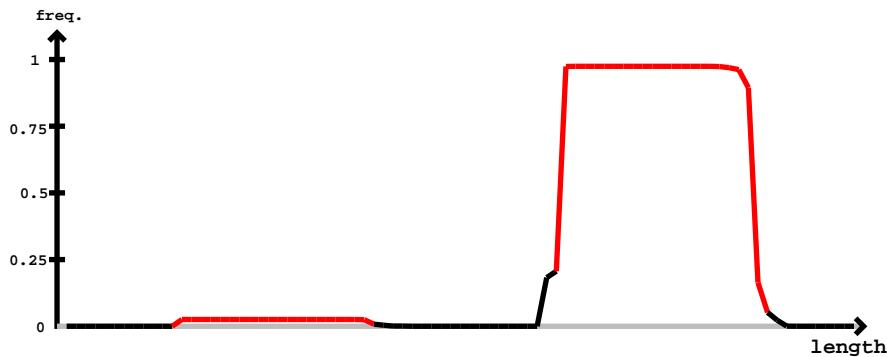
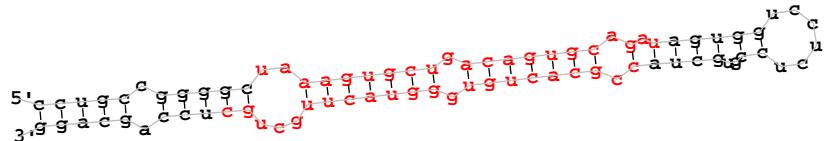
miRBase precursor : hsa-mir-106b

Total read count : 144094

hsa-miR-106b-5p read count 3661

hsa-miR-106b-3p read count 140430

remaining reads : 3



hsa-miR-106b-5p  
hsa-miR-106b-3p

5' -	-3'	exp	sample
ccugccgggg <u>uaaagugcugacagugcagau</u> agugguccucuccgugcuacgcacugugg <u>uaucuugcugcuccagg</u> agg	(((((.....((((((.((((((.....))))....))))....))))....))))....))))....))))....)))	reads	mm
.....uaaagugcugacagugc <u>U</u> .....	.....uaaagugcugacagugcag.....	1	1
.....uaaagugcug <u>U</u> agugcag.....	.....uaaagugcugacagug <u>U</u> ag.....	1	1
.....uaaagugcugacagug <u>U</u> ag.....	.....uaaagugcugacagug <u>U</u> ag.....	4	1
.....uaaagugcugacagug <u>U</u> ag.....	.....uaaagugcugacagug <u>U</u> ag.....	13	0
.....uaaagugcugacagug <u>U</u> ag.....	.....uaaagugcugacagug <u>U</u> ag.....	5	1
.....uaaagugcugacagug <u>U</u> ag.....	.....uaaagugcugacagug <u>U</u> ag.....	1	1
.....uaaagugcugacagug <u>U</u> ag.....	.....uaaagugcugacagug <u>U</u> ag.....	260	0
.....uaaagugcugacagug <u>U</u> ag.....	.....uaaagugcugacagug <u>U</u> ag.....	3	1
.....Aaaagugcugacagug <u>U</u> ag.....	.....Aaaagugcugacagug <u>U</u> ag.....	3	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....u <u>Ca</u> agugcugacagug <u>U</u> ag.....	.....u <u>Ca</u> agugcugacagug <u>U</u> ag.....	2	1
.....uaa <u>U</u> agugcugacagug <u>U</u> ag.....	.....uaa <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....uaa <u>U</u> agugcugacagug <u>U</u> ag.....	.....uaa <u>U</u> agugcugacagug <u>U</u> ag.....	135	1
.....uaa <u>U</u> agugcugacagug <u>U</u> ag.....	.....uaa <u>U</u> agugcugacagug <u>U</u> ag.....	6	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	2	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	3	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	73	0
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	5	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	9	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	3	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	1	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	6	1
.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	.....ua <u>U</u> agugcugacagug <u>U</u> ag.....	56	0

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccgguacccgcacuguggguacuuugcucccagg

.....uaaagugcugacagugcaga <u>C</u> .....	1	1	Z2-
.....uaaagugcugacagugcaga <u>A</u> .....	3	1	Z2-
.....uaaagugcugacagug <u>G</u> .....	21	1	Z2-
.....uaaagugcugac <u>G</u> cgaga.....	2	1	Z2-
.....uaaagugcugacagug <u>U</u> gaua.....	6	0	Z2-
.....uaaagugcugacagug <u>U</u> gaua <u>U</u> .....	1	1	Z2-
.....uaaagugcugacagug <u>U</u> gaua <u>U</u> .....	1	1	Z2-
.....uaaagugcugacagug <u>U</u> gaua <u>U</u> .....	3	1	Z2-
.....uaaagugcugacagug <u>U</u> gaua <u>U</u> .....	3	0	Z2-
.....uaaagugcugacagug <u>U</u> gaua <u>U</u> .....	5	1	Z2-
.....uaaagugcugacagug <u>U</u> gaua <u>U</u> .....	1	1	Z2-
.....cuaccgcacuguggguacu <u>C</u> .....	1	0	Z2-
.....uaccgcacuguggguac <u>C</u> .....	1	1	Z2-
.....uaccgcacuguggguacu.....	21	0	Z2-
.....uacc <u>G</u> acuguggguacuu.....	1	1	Z2-
.....uaccgcacug <u>G</u> ggguacuu.....	1	1	Z2-
.....uaccgcacuguggguacuu.....	51	0	Z2-
.....uaccgcacuguggguac <u>C</u> .....	8	1	Z2-
.....uaccgcacugugg <u>C</u> acuu.....	1	1	Z2-
.....uaccgcac <u>C</u> gggguacuu.....	2	1	Z2-
.....uaccgcacuguggguac <u>A</u> .....	2	1	Z2-
.....Caccgcacuguggguacu <u>U</u> .....	1	1	Z2-
.....uaccgcacuguggguacu <u>A</u> .....	2	1	Z2-
.....uaccgcacuguggguacu <u>U</u> uug.....	45	0	Z2-
.....uaccgcacug <u>C</u> ggguacuug.....	2	1	Z2-
.....uacc <u>A</u> cacuguggguacuug.....	2	1	Z2-
.....uaccgcacuguggguacu <u>U</u> uug.....	1	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	41	1	Z2-
.....uaccgcacu <u>A</u> ggguacuugc.....	1	1	Z2-
.....uaccgcac <u>C</u> gggguacuugc.....	2	1	Z2-
.....Caccgcacuguggguacu <u>U</u> .....	2	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	1	1	Z2-
.....Aaccgcacuguggguacu <u>U</u> .....	2	1	Z2-
.....uaccgcac <u>A</u> gggguacuugc.....	2	1	Z2-
.....uaccgcacu <u>U</u> ggguacuugc.....	1	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	1	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	8	1	Z2-
.....uAaccgcacuguggguacu <u>U</u> .....	1	1	Z2-
.....uaccgcGcuguggguacuugc.....	1	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	2	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	201	0	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	2	1	Z2-
.....uaccgcacuguggguac <u>U</u> uugc.....	3	1	Z2-
.....uaccgcacuguggguac <u>U</u> .....	2	1	Z2-
.....uacc <u>G</u> acuguggguacu <u>U</u> .....	5	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	3145	0	Z2-
.....uaccgcacuguggguac <u>U</u> .....	8	1	Z2-
.....uaccgcacuguggguac <u>U</u> .....	21	1	Z2-
.....uaccgcac <u>C</u> gggguacuugc.....	8	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	44	1	Z2-
.....uaccgcacuguggguac <u>U</u> .....	1	1	Z2-
.....uaccgcacuguggguac <u>U</u> .....	250	1	Z2-
.....uaccgcacugugg <u>U</u> acuugc.....	1	1	Z2-
.....uaccgcacugugg <u>U</u> acuugc.....	12	1	Z2-
.....uaccgcacugugg <u>U</u> acuugc.....	12	1	Z2-
.....uaccgcacuguggguacu <u>U</u> .....	146	1	Z2-
.....uac <u>A</u> cacuguggguacuugc.....	3	1	Z2-
.....uaccgcacugugggu <u>U</u> cuugc.....	1	1	Z2-
.....uaccgcacuguggguacu <u>C</u> .....	12	1	Z2-
.....uaccgcacuguggguac <u>C</u> .....	11	1	Z2-
.....uaccgcCcuguggguacuugc.....	2	1	Z2-
.....uacc <u>A</u> cacuguggguacuugc.....	7	1	Z2-
.....uaccgcacugugggu <u>U</u> uugc.....	5	1	Z2-
.....uGccgcacuguggguacuugc.....	8	1	Z2-
.....uaccgcacugugggu <u>U</u> uugc.....	17	1	Z2-
.....uaccgcacugug <u>U</u> guacuugc.....	2	1	Z2-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccggugcuacccgacuguggguacuuugcugcuccaggcagg

.....	uaccgAACACUGUGGGUACUUGCU.....	1	1	Z2-
.....	uaccgcACUGUGGGUACUGCU.....	2	1	Z2-
.....	uaccgcACUGUUGGUACUUGCU.....	1	1	Z2-
.....	uaccgcAUGCUGGGUACUUGCU.....	3	1	Z2-
.....	uaccUACACUGUGGGUACUUGCU.....	5	1	Z2-
.....	uaccgcUACUGUGGGUACUUGCU.....	4	1	Z2-
.....	uaccgcACUGUGGChACUUGCU.....	6	1	Z2-
.....	uaccgcACUGUGGAAACUUGCU.....	13	1	Z2-
.....	uUccgcACUGUGGGUACUUGCU.....	2	1	Z2-
.....	uaccgcACUGUGGGUACUUCU.....	2	1	Z2-
.....	uaccgcACUGUGGGUCCUUGCU.....	2	1	Z2-
.....	uaccgcACACAGUGGGUACUUGCU.....	3	1	Z2-
.....	uaccgcACUGGGGUACUUGCU.....	1	1	Z2-
.....	uUccgcACACUGGGUACUUGCU.....	11	1	Z2-
.....	uaccgcACUGUGGUACUUGCU.....	2	1	Z2-
.....	uaccgcACUGCGGGUACUUGCU.....	17	1	Z2-
.....	uaccgcACAUAGGGUACUUGCU.....	5	1	Z2-
.....	uaccgcGCGUGGGUACUUGCU.....	7	1	Z2-
.....	GaccgcACUGUGGGUACUUGCU.....	1	1	Z2-
.....	CaccgcACUGUGGGUACUUGCU.....	6	1	Z2-
.....	uaccgcACUGUGGAAACUUGCU.....	2	1	Z2-
.....	uaccgcACUGAGGGUACUUGCU.....	4	1	Z2-
.....	uaccgcACUGUAGGUACUUGCU.....	5	1	Z2-
.....	uaccgcACACUGUGGGUACUUGCUA.....	4	1	Z2-
.....	uaccgcACUGUGGGUACUUGCUG.....	4	0	Z2-
.....	uaccgcACUGUGGGUACUUGCUGA.....	3	1	Z2-
.....	uaccgcACUGUGGGUACUUGCUGU.....	10	1	Z2-
.....	uaccgcACUGUGGGUACUUGCUGU.....	5	1	Z2-
.....	.accgcACACUGGGUACUUG.....	1	0	Z2-
.....	.accgcACACUGGGUACUUG.....	3	1	Z2-
.....	.accgcACACUGGGUACUUGC.....	65	0	Z2-
.....	.accgcACACUGGGUACUUGA.....	2	1	Z2-
.....	.accgcACACUGGGUACUUGC.....	1	1	Z2-
.....	.acUgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACAUAGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACGGGGUACUUGCU.....	2	1	Z2-
.....	.accgcACACUGGGUACUUGC.....	28	1	Z2-
.....	.GccgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	289	0	Z2-
.....	.accgcACACUGAGGGUACUUGCU.....	4	1	Z2-
.....	.accgcACACUGAGGUACUUGCU.....	3	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	4	1	Z2-
.....	.accgcACACUGGGUACUUGCUA.....	6	1	Z2-
.....	.accgcUACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	6	1	Z2-
.....	.accAcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	50	0	Z2-
.....	.accgcACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCUA.....	2	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	1	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	31	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	2	0	Z2-
.....	.accgcACACUGGGUACUUGCUA.....	6	1	Z2-
.....	.accgcACACUGGGUACUUGCU.....	4	1	Z2-
.....	.accgcACACUGGGUACUUGCUA.....	3	1	Z2-
.....	.accgcACACUGGGUACUUGCUA.....	2	1	Z2-
.....	cUgcACACUGGGUACUUG.....	3	1	Z2-
.....	.ccgcACACUGGGUACUUA.....	3	1	Z2-
.....	.ccgcACACUGGGUACUUG.....	2	1	Z2-
.....	.ccgcACACUGGGUACUUG.....	65	0	Z2-
.....	.ccgcACACUGGGUACUGC.....	5	1	Z2-
.....	.ccgcACACUGGGUACUUGC.....	8	1	Z2-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccggugcuacccgacuguggguacuugcugcuccaggcagg

.....ccgcacuguggAuacuugc.....	1	1	Z2-
.....ccgcacugCggguacuugc.....	1	1	Z2-
.....ccgcacuguggguacuugU.....	145	1	Z2-
.....Ucgcacuguggguacuugc.....	2	1	Z2-
.....ccgcacugAguaacuugc.....	1	1	Z2-
.....ccgcacuguggguacAugc.....	1	1	Z2-
.....ccAcacuguggguacuugc.....	2	1	Z2-
.....ccgcacuguggguacuugc.....	830	0	Z2-
.....ccgcacugGggguacuugc.....	1	1	Z2-
.....ccgcGcgugggguacuugc.....	2	1	Z2-
.....ccgcacAguggguacuugc.....	1	1	Z2-
.....AGcacuguggguacuugc.....	2	1	Z2-
.....ccgcacuguggguacuugcCgc.....	3	1	Z2-
.....ccgcacuguggguUcuugc.....	1	1	Z2-
.....Ugcacuguggguacuugc.....	1	1	Z2-
.....ccgUacuguggguacuugc.....	1	1	Z2-
.....ccgcacuguggguGcuuugc.....	4	1	Z2-
.....ccgcaUuguggguacuugc.....	1	1	Z2-
.....ccgcacuguguAguaacuugc.....	2	1	Z2-
.....ccgcacuguggUacuugc.....	1	1	Z2-
.....ccgcacuguggguacuugA.....	21	1	Z2-
.....ccgcacuAuggguacuugc.....	2	1	Z2-
.....ccgcacugugggAacuugc.....	1	1	Z2-
.....ccgcacuguggggGacuugc.....	1	1	Z2-
.....ccgcacuguggguGcuuugc.....	27	1	Z2-
.....ccgAacuguggguacuugc.....	1	1	Z2-
.....ccgcacuguggggAacuugc.....	5	1	Z2-
.....ccgUacuguggguacuugc.....	7	1	Z2-
.....Ucgcacuguggguacuugc.....	11	1	Z2-
.....ccgcUcgugggguacuugc.....	6	1	Z2-
.....ccgcacuguggguacuuUcu.....	2	1	Z2-
.....ccgcacuguggguacuuAcu.....	16	1	Z2-
.....ccgcacuguggUacuugc.....	4	1	Z2-
.....ccgcacuguggguacuugcC.....	680	1	Z2-
.....ccgcacuguggguacuugcA.....	284	1	Z2-
.....Ugcacuguggguacuugc.....	21	1	Z2-
.....ccgcacugCggguacuugc.....	34	1	Z2-
.....ccgcacuguggguacGugc.....	1	1	Z2-
.....ccgcacuguUggguacuugc.....	1	1	Z2-
.....ccAcacuguggguacuugc.....	14	1	Z2-
.....ccgcacuguggguacuugcG.....	69	1	Z2-
.....ccUcacuguggguacuugc.....	1	1	Z2-
.....ccgcacugugAguaacuugc.....	13	1	Z2-
.....ccgcacuguggguacuugAu.....	1	1	Z2-
.....ccCcacuguggguacuugc.....	8	1	Z2-
.....ccgcacugugCuacuugc.....	1	1	Z2-
.....ccgcacugugCguacuugc.....	1	1	Z2-
.....ccgcacuguggguUcuugc.....	1	1	Z2-
.....ccgcacuguggguacuugc.....	35	1	Z2-
.....ccgcGcgugggguacuugc.....	24	1	Z2-
.....ccgcacAguggguacuugc.....	3	1	Z2-
.....ccgcacuguggguCcuuugc.....	4	1	Z2-
.....ccgcacuguggguacuugc.....	8135	0	Z2-
.....ccgcacAcuggguacuugc.....	9	1	Z2-
.....ccgcacugugUguacuugc.....	3	1	Z2-
.....ccgcacuguggguacuAugc.....	8	1	Z2-
.....ccgcacuguggguacuugGu.....	2	1	Z2-
.....ccgcacuguggChacuugc.....	2	1	Z2-
.....ccgcacuguggGacuugc.....	25	1	Z2-
.....ccgcacuUggguacuugc.....	1	1	Z2-
.....ccgcacuguggguacAugc.....	1	1	Z2-
.....Gcgacacuguggguacuugc.....	1	1	Z2-
.....ccgcacAuggguacuugc.....	2	1	Z2-
.....ccgcacuguggguacuugU.....	24	1	Z2-
.....ccgcacuguggguauuugc.....	9	1	Z2-
.....ccgcacuguggguAguaugc.....	11	1	Z2-
.....ccgcacuAuggguacuugc.....	19	1	Z2-
.....ccgcacCguggguacuugc.....	45	1	Z2-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccgguaacccgacuguggguacuuugcugcuccaggcagg

.....ccgcacugGggguacuugcu.....	3	1	z2_
.....cAgcacuguggguacuugcu.....	6	1	z2_
.....ccgcaUuguggguacuugcu.....	7	1	z2_
.....Acgcacuguggguacuugcu.....	12	1	z2_
.....ccgcacuguggAuacuugcu.....	12	1	z2_
.....ccgcacugAggguacuugcu.....	10	1	z2_
.....ccgcacuguggguacCugcu.....	32	1	z2_
.....ccgcacugGggguacuugcug.....	1	1	z2_
.....ccgcacCguggguacuugcug.....	8	1	z2_
.....ccgcacuguggguacuugCg.....	11	1	z2_
.....Gcgcacuguggguacuugcug.....	1	1	z2_
.....ccgcacuguggAuacuugcug.....	2	1	z2_
.....ccgcacuguggGuacuugcug.....	6	1	z2_
.....ccgcacuguggguacuugcug.....	2257	0	z2_
.....ccgcacuAuggguacuugcug.....	3	1	z2_
.....ccgcacuguggguacuuiAcug.....	1	1	z2_
.....ccgcacuguggguauuugcug.....	9	1	z2_
.....ccgGacacuguggguacuugcug.....	1	1	z2_
.....ccAcacacuguggguacuugcug.....	8	1	z2_
.....ccgcacuguggAuacuugcug.....	7	1	z2_
.....ccgcacuguUggguacuugcug.....	1	1	z2_
.....ccgcacugugggGuacuugcug.....	1	1	z2_
.....ccgcacugugAguaacuugcug.....	5	1	z2_
.....cUgcacacuguggguacuugcug.....	8	1	z2_
.....ccgcacuguggguacuugcug.....	1	1	z2_
.....ccgcacacuguggguacCgcug.....	6	1	z2_
.....ccgcacacuguggguacuugCg.....	4	1	z2_
.....ccgcUcgacuguggguacuugcug.....	2	1	z2_
.....ccgcacacuguggguacuuiugcA.....	101	1	z2_
.....cAgcacacuguggguacuugcug.....	4	1	z2_
.....ccgcacacugugGuacuugcug.....	2	1	z2_
.....ccgcacacuguggCacuugcug.....	12	1	z2_
.....ccgcacacuguggguacuugcug.....	10	1	z2_
.....ccgcacacUuguggguacuugcug.....	2	1	z2_
.....ccgcacacCggguacuugcug.....	9	1	z2_
.....ccgcacacuguggguacuugcAg.....	1	1	z2_
.....ccgcacacuguggguacuugcU.....	18	1	z2_
.....ccgcacacuguggguacuAgcug.....	3	1	z2_
.....ccgcacacAguggguacuugcug.....	3	1	z2_
.....ccCcacacuguggguacuugcug.....	3	1	z2_
.....Acgcacacuguggguacuugcug.....	1	1	z2_
.....ccgcacacuguggguacuugAug.....	2	1	z2_
.....ccgcGcuguggguacuugcug.....	14	1	z2_
.....Ucgacacacuguggguacuugcug.....	10	1	z2_
.....ccgcacacuguggguacuugUug.....	5	1	z2_
.....ccgcacacuguggguacuugc.....	5	1	z2_
.....ccgcacacUuggguacuugcug.....	1	1	z2_
.....ccgcGcuguggguacuugcugc.....	3	1	z2_
.....ccgcacacuguggguacCugcugc.....	2	1	z2_
.....ccgcacacuguggguacuuiugcU.....	299	1	z2_
.....ccgcacacuguggAuacuugcugc.....	1	1	z2_
.....ccgcacacuguggGuacuugcugA.....	165	1	z2_
.....ccAcacacuguggguacuugcugc.....	2	1	z2_
.....Ucgacacacuguggguacuugcugc.....	1	1	z2_
.....ccgcacacuguggguauuugcugc.....	2	1	z2_
.....ccgcacacuguggguacCgcugc.....	5	1	z2_
.....ccgcacacuguggguacuugcugG.....	3	1	z2_
.....ccgcacacuguggguacuAgcugc.....	1	1	z2_
.....ccgcacacuguggguacuugCgc.....	1	1	z2_
.....ccgcacacuguggguacuugcugc.....	223	0	z2_
.....ccgcacacuguggAuacuugcugc.....	1	1	z2_
.....ccgcacacuguggguacuugcugU.....	25	1	z2_
.....ccgcacacuguggguacuugcugC.....	18	1	z2_
.....ccgcacacuguggguacuugcugA.....	330	1	z2_
.....ccgcacacuguggguacuugcAgcu.....	1	1	z2_
.....ccgAacacacuguggguacuugcugc.....	1	1	z2_
.....ccgcacacAguggguacuugcugc.....	1	1	z2_
.....ccgcacacuguggguacuugcugc.....	186	0	z2_
.....ccgcacacuguggguacuugcugcG.....	8	1	z2_

**hsa-miR-106b-5p****hsa-miR-106b-3p**ccugccggggcuaaagugcugacagugcagaaagugguccucuccgguacccgacucguggguacuuugcugcuccacgagg

.....ccgcGcuguggguacuugcugcu.....	2	1	Z2_
.....ccgc <u>u</u> uguggguacuugcugcu.....	1	1	Z2_
.....ccgcacug <u>u</u> ggguacuugcugcu.....	1	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ugcugcu.....	1	1	Z2_
.....cUgcacugug <u>g</u> gu <u>u</u> ugcugcu.....	4	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> Acugcu.....	1	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> Cacuugcugcu.....	2	1	Z2_
.....ccgcac <u>u</u> cgug <u>g</u> gu <u>u</u> ugcugcu.....	1	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> Cugcugcu.....	1	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> C <u>g</u> cugcu.....	2	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>A</u> u.....	12	1	Z2_
.....ccgcac <u>u</u> cgug <u>g</u> gu <u>u</u> ugcugcuA.....	6	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>A</u> uc.....	1	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>U</u> gc.....	7	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>U</u> u.....	4	0	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>U</u> ug.....	4	0	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>U</u> u.....	1	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>U</u> ug.....	1	1	Z2_
.....ccgcacugug <u>g</u> gu <u>u</u> ug <u>U</u> ugc.....	2	1	Z2_
.....Cc <u>u</u> acugug <u>g</u> gu <u>u</u> ugc.....	2	1	Z2_
......gcacugug <u>g</u> gu <u>u</u> ugc.....	1	0	Z2_
......gcacugug <u>g</u> gu <u>u</u> ug <u>U</u> .....	1	1	Z2_
.....uaaagugcugacagug <u>A</u> .....	4	1	GDM
.....uaaagugcugacagug <u>A</u> .....	4	1	GDM
.....uaaagugcugacagug <u>ca</u> .....	8	0	GDM
.....uaaagugcugacagug <u>ca</u> .....	8	0	GDM
.....uaaagugcugacagug <u>ca</u> .....	8	0	GDM
.....uaaagugcugacagug <u>cu</u> .....	1	1	GDM
.....uaaagugcugacagug <u>U</u> ag.....	20	1	GDM
.....uaaagugcugacagug <u>G</u> .....	1	1	GDM
.....u <u>G</u> aagugcugacagug <u>ca</u> .....	1	1	GDM
.....uaaagugcugacagug <u>ca</u> .....	29	0	GDM
.....uaaagugcugacagug <u>ca</u> .....	29	0	GDM
.....uaaagugcugac <u>U</u> gug <u>ca</u> .....	1	1	GDM
.....uaaagugcugacagug <u>U</u> ag.....	20	1	GDM
.....uaaagugcugacagug <u>U</u> ag.....	20	1	GDM
.....uaaagugcugacagug <u>U</u> ag.....	20	1	GDM
.....uaaagugcugacagug <u>G</u> .....	2	1	GDM
.....uaaagug <u>U</u> ugacagug <u>ca</u> .....	2	1	GDM
.....uaaagugcugacagug <u>ca</u> .....	29	0	GDM
.....uaaagugcugacagug <u>ca</u> .....	7	1	GDM
.....uaaagugcugac <u>G</u> gug <u>ca</u> .....	10	1	GDM
.....uaaagugcugacagug <u>G</u> .....	3	1	GDM
.....uaaagugcugacagug <u>Ag</u> .....	1	1	GDM
.....uaaagug <u>U</u> ugacagug <u>ca</u> .....	25	1	GDM
.....uaaagugcugacagug <u>U</u> ga.....	246	1	GDM
.....uaaagug <u>C</u> gacagug <u>ca</u> .....	4	1	GDM
.....Gaa <u>G</u> ugcugacagug <u>ca</u> .....	1	1	GDM
.....uaaagugcugacagug <u>G</u> ga.....	8	1	GDM
.....uaaagugcug <u>G</u> agug <u>ca</u> .....	7	1	GDM
.....uaa <u>G</u> ugcugacagug <u>ca</u> .....	6	1	GDM
.....u <u>G</u> aagugcugacagug <u>ca</u> .....	3	1	GDM
.....uaaagugcugacagug <u>ca</u> .....	2	1	GDM
.....uaaagugcugac <u>A</u> ca <u>u</u> ug <u>ca</u> .....	3	1	GDM
.....uaaagugcugac <u>A</u> ca <u>u</u> ug <u>ca</u> .....	2	1	GDM
.....uaaagugcugac <u>A</u> ca <u>u</u> ug <u>ca</u> .....	3	1	GDM
.....uaaagugcugac <u>A</u> ca <u>u</u> ug <u>ca</u> .....	2	1	GDM
.....uaaagug <u>A</u> ug <u>ca</u> .....	2	1	GDM
.....uaa <u>A</u> ug <u>ca</u> .....	2	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	5	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	4	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	25	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	4	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	2	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	7	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	7	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	4	1	GDM
.....Caa <u>A</u> ug <u>ca</u> .....	5	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	4	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	2	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	4	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	7	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	4	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	1	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	1	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	7	1	GDM
.....ua <u>A</u> ug <u>ca</u> .....	4	1	GDM

**hsa-miR-106b-5p****hsa-miR-106b-3p**ccugccggggcuaaagugcugacagugcagaagugguccucccgacugggguacuugcugcuccuccuaggggg

.....uaaa <u>a</u> ugcugacagugcaga.....	3	1	GDM
.....uaa <u>G</u> gugcugacagugcaga.....	4	1	GDM
.....uaa <u>a</u> ugcugacagu <u>C</u> aga.....	1	1	GDM
.....uaa <u>a</u> ag <u>A</u> gcugacagugcaga.....	2	1	GDM
.....uaa <u>a</u> ag <u>A</u> gcugacagugcaga.....	2	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagugcaga.....	7	1	GDM
.....Caa <u>a</u> ugcugacagugcaga.....	5	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugac <u>G</u> aga.....	3	1	GDM
.....uaa <u>a</u> ug <u>G</u> ac <u>a</u> gcugacagugcaga.....	1	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagug <u>U</u> aga.....	246	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagu <u>C</u> aga.....	1	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacag <u>u</u> g <u>G</u> aga.....	7	1	GDM
.....uaa <u>a</u> ug <u>G</u> gac <u>a</u> gugcaga.....	1	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcug <u>G</u> ac <u>a</u> gugcaga.....	1	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcug <u>G</u> ac <u>u</u> gugcaga.....	25	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagug <u>G</u> aga.....	1080	0	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagug <u>U</u> aga.....	246	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagu <u>A</u> aga.....	2	1	GDM
.....uaa <u>a</u> ag <u>C</u> gcugacagugcaga.....	6	1	GDM
.....uaa <u>a</u> ag <u>C</u> gcugacagugcaga.....	6	1	GDM
.....uaa <u>a</u> ag <u>G</u> ugcugacagugcaga.....	1080	0	GDM
.....uaa <u>a</u> ag <u>G</u> ugcug <u>G</u> ac <u>u</u> gugcaga.....	8	1	GDM
.....u <u>G</u> a <u>u</u> g <u>G</u> ugcugacagugcaga.....	3	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagug <u>G</u> ga.....	8	1	GDM
.....uaa <u>a</u> ug <u>G</u> ugcugacagug <u>G</u> üga.....	2	1	GDM
.....uaa <u>a</u> u <u>C</u> ugcugacagugcaga.....	1	1	GDM
.....u <u>G</u> a <u>u</u> g <u>G</u> ugcugacagugcaga.....	7	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagugcaga.....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> aga.....	1080	0	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ga.....	8	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> aga.....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcuga <u>U</u> agugcaga.....	8	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacag <u>u</u> g <u>G</u> aga.....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacag <u>u</u> g <u>G</u> aga.....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacag <u>u</u> g <u>G</u> aga.....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacag <u>u</u> g <u>G</u> aga.....	7	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugac <u>G</u> ug <u>G</u> aga.....	10	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugac <u>G</u> ug <u>G</u> aga.....	4	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcuga <u>U</u> agugcaga.....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcug <u>C</u> ac <u>u</u> gugcaga.....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> aga.....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcug <u>C</u> ac <u>u</u> gugcaga.....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcug <u>C</u> ac <u>u</u> gugcaga.....	27	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> u.....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> au.....	2	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> au.....	42	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	18	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	2	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	2	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugac <u>G</u> ug <u>G</u> aga.....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugac <u>G</u> ug <u>G</u> aga.....	227	0	GDM
.....uaa <u>a</u> u <u>G</u> ugcugac <u>G</u> ug <u>G</u> aga.....	42	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcug <u>G</u> ac <u>u</u> gugcaga.....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugac <u>G</u> ac <u>u</u> gugcaga.....	42	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	3	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	18	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	2	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	2	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	27	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	2	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	227	0	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	27	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	18	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	227	0	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	4	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	2	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	1	1	GDM
.....uaa <u>a</u> u <u>G</u> ugcugacagug <u>G</u> ....	6	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagaua	18	1	GDM
.....uaaagugcugacagugUagaua.....	18	1	GDM
.....uaaaguAcugacagugcagaua.....	1	1	GDM
.....uaaagugcugacagugcagaua.....	192	0	GDM
.....uaaagugcugacagugcagauC.....	2	1	GDM
.....uaaagugcugacagugcagaGa.....	4	1	GDM
.....uaaagugcugacagugcagaua.....	192	0	GDM
.....uGaaagugcugacagugcagaua.....	1	1	GDM
.....uaaagugcugacagugcagauU.....	18	1	GDM
.....uaaagugcugacagugcagaua.....	192	0	GDM
.....uaaagugcugacagugcagaGa.....	4	1	GDM
.....uaaagugcugacagugcagauC.....	2	1	GDM
.....uaaagugcugacagugcagaAa.....	2	1	GDM
.....uaaagugcGcacagugcagaua.....	2	1	GDM
.....uaaagugcugacagugcGgaua.....	4	1	GDM
.....uaaagugcugacagCgcagaua.....	1	1	GDM
.....uaaagugcugacagugcagauU.....	18	1	GDM
.....uaaagugcugacagugUagaua.....	18	1	GDM
.....uaaagugcugacaUugcagaua.....	1	1	GDM
.....uaaagugcugacagugcagauG.....	17	1	GDM
.....uaaagugcugacaAugcagaua.....	1	1	GDM
.....uaaagugcugaUagugcagaua.....	6	1	GDM
.....uaaagugcugacagugcagauG.....	17	1	GDM
.....uaaagugcugacagugcagauU.....	18	1	GDM
.....uaaagugcugacagugcagauG.....	17	1	GDM
.....uaaagugcugacagGgcagaua.....	1	1	GDM
.....uaaagugcugacagugcagauU.....	2	1	GDM
.....uaaagugcugacagugcagauag.....	1	0	GDM
.....uaaagugcugacagugUagauag.....	1	1	GDM
.....uaaagugcugacagugcagauA.....	3	1	GDM
.....uaaagugcugacagugcagauA.....	3	1	GDM
.....uaaagugcugacagugcagauA.....	3	1	GDM
.....uaaagugcugacagugcagauU.....	2	1	GDM
.....uaaagugcugacagugcagauagu.....	31	0	GDM
.....uaaagugcuAacagugcagauagu.....	1	1	GDM
.....uaaagugcugacagugcagauagu.....	31	0	GDM
.....uaaagugcugacagugcagauGgu.....	5	1	GDM
.....uaaagugcugacagugcagauAG.....	17	1	GDM
.....uaaagugcugacagugcagauAG.....	17	1	GDM
.....uaaagugcugacagugcagauagu.....	31	0	GDM
.....uaaagugcugacagugcagauagC.....	4	1	GDM
.....uaaagugcugacagugcagauagC.....	4	1	GDM
.....uaaagugcugacagugcagauagA.....	17	1	GDM
.....uaaagugcugacagugcagauagC.....	4	1	GDM
.....uaaagugcugacagugcagauagug.....	1	0	GDM
.....Uaagugcugacagugcaga.....	1	1	GDM
.....aaagugcugacagugcagaua.....	3	0	GDM
.....aaagugcuUacagugcagauag.....	1	1	GDM
.....aaagugcugacagugcagauagu.....	1	0	GDM
.....uaccgcacuAuggguacu.....	1	1	GDM
.....uaccgcacuguggguacA.....	6	1	GDM
.....uaccgcaUuguggguacu.....	1	1	GDM
.....uaccgcUcuguggguacu.....	1	1	GDM
.....uaccgcacuguggguacA.....	6	1	GDM
.....uaccgcacuguggguac.....	56	0	GDM
.....uaccgcacuguggguacA.....	6	1	GDM
.....uaccgcacuguggguacC.....	5	1	GDM
.....uaccgcacuguggguacG.....	1	1	GDM
.....uaccgcacuguggguacu.....	56	0	GDM
.....uaccgcacuguggguacu.....	56	0	GDM
.....uaccgcacugugUgacuu.....	1	1	GDM
.....uaccgcacCuggguacuu.....	6	1	GDM
.....uaccgcacuguggguacuG.....	1	1	GDM
.....Caccgcacuguggguacuu.....	1	1	GDM
.....uaccgcacugCggguacuu.....	1	1	GDM
.....uaccgcacuguggguacuA.....	8	1	GDM
.....uaccgcacuguggguacuC.....	23	1	GDM
.....uaccgcacCguggguacuu.....	6	1	GDM
.....uaccgcacugugCguacuu.....	1	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauaguggguccucuccggugcuacccgcacuguggguacuugcugcuccaggcagg

.....	uaccgcacu <u>A</u> uggguacuu.....	2	1	GDM
.....	uaUcgcacu <u>g</u> uggguacuu.....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	234	0	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	234	0	GDM
.....	uaccgc <u>G</u> cuguggguacuu.....	1	1	GDM
.....	uaUcgcacu <u>g</u> uggguacuu.....	2	1	GDM
.....	uaccgcacu <u>g</u> ugggg <u>C</u> acuu.....	2	1	GDM
.....	uaccgcacu <u>g</u> ugggg <u>C</u> acuu.....	1	1	GDM
.....	uGccgcacu <u>g</u> uggguacuu.....	3	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	234	0	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacu <u>C</u> .....	23	1	GDM
.....	uaccgcacu <u>g</u> uggguacu <u>C</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	3	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	234	0	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacu <u>A</u> .....	23	1	GDM
.....	uaccgcacu <u>g</u> uggguacu <u>A</u> .....	8	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu.....	3	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	3	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>uG</u> .....	113	0	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>uG</u> .....	113	0	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>uG</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>A</u> .....	5	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>A</u> .....	5	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	113	0	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>C</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>C</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacu <u>G</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacu <u>G</u> .....	462	0	GDM
.....	Aaccgcacu <u>g</u> uggguacu <u>G</u> .....	1	1	GDM
.....	uaccgc <u>G</u> cuguggguacu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	462	0	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>uacuu</u> <u>G</u> .....	4	1	GDM
.....	uaccgcacu <u>g</u> uggguacu <u>G</u> .....	1	1	GDM
.....	Caccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgc <u>U</u> cuguggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> ggguacuu <u>G</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	119	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uCccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	119	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	2	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	119	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	64	1	GDM
.....	uacUgcacu <u>g</u> uggguacuu <u>G</u> .....	5	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	462	0	GDM
.....	uaccgcacu <u>A</u> uggguacuu <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>U</u> ggguacuu <u>G</u> .....	1	1	GDM
.....	uacUgcacu <u>g</u> uggguacuu <u>G</u> .....	5	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	64	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	64	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>guacuu</u> <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>guacuu</u> <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>guacuu</u> <u>G</u> .....	1	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>guacuu</u> <u>G</u> .....	513	1	GDM
.....	uaccgcacu <u>g</u> ugg <u>A</u> acuu <u>G</u> .....	7	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	71	1	GDM
.....	uaccgcacu <u>g</u> ugggu <u>U</u> acuu <u>G</u> .....	4	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>guacuu</u> <u>G</u> .....	9	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>guacuu</u> <u>G</u> .....	15	1	GDM
.....	uaccgcacu <u>g</u> Ag <u>guacuu</u> <u>G</u> .....	12	1	GDM
.....	uaccgcacu <u>g</u> uggguacuu <u>G</u> .....	9358	0	GDM
.....	uaccgc <u>U</u> cuguggguacuu <u>G</u> .....	10	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauaguggguccucuccgguaccgcacuguggguacuugcugcuccagg

.....uaUcgcacuguggguacuugcu.....	18	1	GDM
.....uaccgcacuguggguacuugcG.....	71	1	GDM
.....uaccgcacuguggguacuugc.....	42	1	GDM
.....uaccAcacuguggguacuugcu.....	24	1	GDM
.....uacGgcacuguggguacuugcu.....	1	1	GDM
.....uaccgcacuguggguacAugcu.....	10	1	GDM
.....uaccgcacuguggguacuCgcu.....	43	1	GDM
.....uaccgcCcuguggguacuugcu.....	3	1	GDM
.....uaccgcacuguggguacuugcu.....	15	1	GDM
.....uaccgcacugugUguacuugcu.....	7	1	GDM
.....uaccgcacugugguacuugcu.....	12	1	GDM
.....uaccgcacuguggCacuugcu.....	20	1	GDM
.....uaccgcaUuguggguacuugcu.....	7	1	GDM
.....uaccgcacCguggguacuugcu.....	25	1	GDM
.....uUccgcacuguggguacuugcu.....	4	1	GDM
.....uaccgcacuguggguacuugU.....	133	1	GDM
.....uaccgcacuAuggguacuugcu.....	14	1	GDM
.....uaccgcacugAgggguacuugcu.....	9	1	GDM
.....uaccgcacuguggguacCgcu.....	42	1	GDM
.....uaccgcacCguggguacuugcu.....	25	1	GDM
.....uaccgcacuguggGuacuugcu.....	5	1	GDM
.....uaUcgcacuguggguacuugcu.....	18	1	GDM
.....uaccgcacuguUggguacuugcu.....	1	1	GDM
.....uaccgUacuguggguacuugcu.....	22	1	GDM
.....uaccgcacuguggguGcuugcu.....	29	1	GDM
.....uaccgcacuguggguacuuUcu.....	4	1	GDM
.....uaccgcacuguggguGcuugcu.....	29	1	GDM
.....uaccgcacAuggguacuugcu.....	10	1	GDM
.....uaccgcGcuguggguacuugcu.....	53	1	GDM
.....uaccgcacuguggUacuugcu.....	2	1	GDM
.....uaccUacuguggguacuugcu.....	2	1	GDM
.....Aaccgcacuguggguacuugcu.....	20	1	GDM
.....uaccgcacuguggggGacuugcu.....	2	1	GDM
.....uaccgcacGguggguacuugcu.....	2	1	GDM
.....uCccgcacuguggguacuugcu.....	4	1	GDM
.....uaccgcUcuguggguacuugcu.....	10	1	GDM
.....uaccgcacuguggguacuAgcu.....	14	1	GDM
.....uacUgcacuguggguacuugcu.....	21	1	GDM
.....uaccgcacuguggguacuugcG.....	71	1	GDM
.....uaccgcaAuggguacuugcu.....	4	1	GDM
.....uaccgcacuguggguacuuUcu.....	4	1	GDM
.....uaccgcacuguggguacuuAcu.....	20	1	GDM
.....Caccgcacuguggguacuugcu.....	34	1	GDM
.....uaccgcacuguggguacuugcA.....	513	1	GDM
.....uaccgUacuguggguacuugcu.....	22	1	GDM
.....uacAgcacuguggguacuugcu.....	10	1	GDM
.....uaccgcacuguggguacuCgcu.....	43	1	GDM
.....uaccAcacuguggguacuugcu.....	24	1	GDM
.....uaccgcacuAuggguacuugcu.....	14	1	GDM
.....uaccgcacuguggguUcuugcu.....	4	1	GDM
.....uaccgcaAuggggguacuugcu.....	4	1	GDM
.....uaccgcacuguggguacAugcu.....	10	1	GDM
.....uGccgcacuguggguacuugcu.....	37	1	GDM
.....uaccgcacuguggAuacuugcu.....	10	1	GDM
.....uaccgcacugugGGuacuugcu.....	1	1	GDM
.....Caccgcacuguggguacuugcu.....	34	1	GDM
.....uaccgcacuguggguacuAgcu.....	14	1	GDM
.....uaccgcacuguggggCacuugcu.....	20	1	GDM
.....uaccgcacuguggguacCgcu.....	42	1	GDM
.....uaccgcacuguggguacuugU.....	133	1	GDM
.....uaccgcacuguggguacuugcA.....	513	1	GDM
.....uaccgcacugugAguacuugcu.....	15	1	GDM
.....uaccgcacuguggGacuugcu.....	20	1	GDM
.....uaccgcaAuggggguacuugcu.....	4	1	GDM
.....uaccgcacuguggguAuuugcu.....	1	1	GDM
.....uaccgcGcuguggguacuugcu.....	53	1	GDM
.....uaccgcacuguggUacuugcu.....	2	1	GDM
.....uaccgcacuguggguacuCgcu.....	43	1	GDM
.....uaccgcacugugAguacuugcu.....	15	1	GDM

**hsa-miR-106b-5p****hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccggugcuacccgacacuguggguacuuugcugcuccaggcagg

.....	uaccgcacacuguggguacuuugc.....	133	1	GDM
.....	uaccgcacacuguggguacuuugc.....	1	1	GDM
.....	uaccgcacacuguggguacuuugc.....	9358	0	GDM
.....	uaccgcacacuguggguacuuugc.....	3	1	GDM
.....	uaccgcacacuguggguacuuugc.....	5	1	GDM
.....	uaccgcacacuguggguacuuugc.....	10	1	GDM
.....	uaccgcacacuguggguacuuugc.....	10	1	GDM
.....	uacUgcacacuguggguacuuugc.....	21	1	GDM
.....	uaccgcacacuguggguacuuugc.....	7	1	GDM
.....	uacAgcacacuguggguacuuugc.....	10	1	GDM
.....	uaccgcacacuguggguacuGgcu.....	1	1	GDM
.....	uaccgcacacuguggguacuuugcC.....	831	1	GDM
.....	uaccgcGcuguggguacuuugc.....	53	1	GDM
.....	uaccgcacacuguggguacGgcu.....	4	1	GDM
.....	uaccgcacacGggguacuuugc.....	25	1	GDM
.....	uaccgcacacGggguacuuugc.....	3	1	GDM
.....	uaccUcacacuguggguacuuugc.....	2	1	GDM
.....	Aaccgcacacuguggguacuuugc.....	20	1	GDM
.....	uGccgcacacuguggguacuuugc.....	37	1	GDM
.....	uaccgcacacuguggguacGgcu.....	4	1	GDM
.....	uaccgcacacuguggguacuuugc.....	12	1	GDM
.....	uacAgcacacuguggguacuuugc.....	10	1	GDM
.....	uaccCcacacuguggguacuuugc.....	3	1	GDM
.....	uaccgcacacugCggguacuuugc.....	36	1	GDM
.....	uaccgcacacugUguacuuugc.....	7	1	GDM
.....	uaccgcacacugCggguacuuugc.....	36	1	GDM
.....	uaccgcacacugggGacuuugc.....	2	1	GDM
.....	GaccgcacacugggGuacuuugc.....	2	1	GDM
.....	uaccgcacacuguggguacuuugcC.....	831	1	GDM
.....	uaccgcacacuguggguUcuuugc.....	4	1	GDM
.....	uaccgcacacuguggguacuuugc.....	7	1	GDM
.....	uaccgcacacugCggguacuuugc.....	36	1	GDM
.....	uaccgcUcuguggguacuuugc.....	10	1	GDM
.....	uaUcgcacacuguggguacuuugc.....	18	1	GDM
.....	uaccgcacAcuggguacuuugc.....	10	1	GDM
.....	uaccgcCcuguggguacuuugc.....	3	1	GDM
.....	AaccgcacacugggGuacuuugc.....	20	1	GDM
.....	uUccgcacacuguggguacuuugc.....	4	1	GDM
.....	uacUgcacacuguggguacuuugc.....	21	1	GDM
.....	uCccgcacacuguggguacuuugc.....	4	1	GDM
.....	uaccgcacacUuggguacuuugc.....	1	1	GDM
.....	uaccgcacacugGggguacuuugc.....	3	1	GDM
.....	uaccgcacacuguggguacuuugc.....	24	1	GDM
.....	uaccgcacacuguggguacuuugcC.....	831	1	GDM
.....	uaccgcacacuguggguacuAgc.....	14	1	GDM
.....	uaccgcacacuguggguacuuUcu.....	4	1	GDM
.....	uaccgcacacuguggguacuuugc.....	7	1	GDM
.....	uaccgcUacuguggguacuuugc.....	22	1	GDM
.....	uUccgcacacuguggguacuuugc.....	4	1	GDM
.....	uaccgcacacGggguacuuugc.....	2	1	GDM
.....	uaccgcacacAuggguacuuugc.....	14	1	GDM
.....	uaccgcacacuguggguacuuAcu.....	20	1	GDM
.....	uaccgcacacuggguaUuugc.....	15	1	GDM
.....	uaccgcacacugggAacuuugc.....	7	1	GDM
.....	CaccgcacacugggGuacuuugc.....	34	1	GDM
.....	uaccgcacacugggGuacAugc.....	10	1	GDM
.....	uaccgcacacugggGuacuuugc.....	9358	0	GDM
.....	uaccgcacacugggGuuaUuugc.....	15	1	GDM
.....	uGccgcacacugggGuacuuugc.....	37	1	GDM
.....	uaccgcacacugggGuacuuugc.....	9	1	GDM
.....	uaccgcacacugggAuacuuugc.....	10	1	GDM
.....	uaccgcacacugggGuacuuAcu.....	20	1	GDM
.....	uaccgcacacugggGuGcuuugc.....	29	1	GDM
.....	uaccgcacacugggGuacuuugcug.....	16	0	GDM
.....	uaccgcacacugggGuacuuugcug.....	16	0	GDM
.....	uaccgcacacugggGuacuuugcA.....	12	1	GDM
.....	uaccgcacacugggGuacuuugcU.....	6	1	GDM
.....	uaccgcacacugggGuacuuugcU.....	6	1	GDM
.....	uaccgcacacugggGuacuuugcA.....	12	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccggugcuacccgacacuguggguacuuugcugcuccaggcagg

.....	uaccgcacuguggguacuugcuA.....	12	1	GDM
.....	uaccgcacuguggguacuugcugA.....	7	1	GDM
.....	uaccgcacuguggguacuugcugc.....	7	0	GDM
.....	uaccgcacuguggguacuugcugc.....	7	0	GDM
.....	uaccgcacuguggguacuugcugU.....	11	1	GDM
.....	uaccgcacuguggguacuugcugU.....	11	1	GDM
.....	uaccgcacuguggguacuugcugA.....	7	1	GDM
.....	uaccgcacuguggguacuugcugc.....	7	0	GDM
.....	uaccgcacuguggguacuugcugU.....	11	1	GDM
.....	uaccgcacuguggguacuugcugU.....	5	1	GDM
.....	uaccgcacCguggguacuugcugc.....	1	1	GDM
.....	uaccgcacuguggguacuugcugc.....	2	0	GDM
.....	uaccgcacuguggguacuugcugU.....	5	1	GDM
.....	.accgcacuguggguacuu.....	1	0	GDM
.....	.accgcacuguggguacuu.....	21	0	GDM
.....	.accgcacuguggguacuuA.....	1	1	GDM
.....	.accgcacuguggguacuu.....	21	0	GDM
.....	.accgcGcuguggguacuu.....	1	1	GDM
.....	.accgcacuguggguacuu.....	1	1	GDM
.....	.accgcacuguggguacuu.....	21	0	GDM
.....	.accgcacuguggguacuugc.....	151	0	GDM
.....	.accgcacuguggguacuugU.....	24	1	GDM
.....	.accgcacuguggguacuugc.....	151	0	GDM
.....	.accgcGcuguggguacuugc.....	1	1	GDM
.....	.accgcacuguggguacuugA.....	24	1	GDM
.....	.accgcacuguggguacuugc.....	3	1	GDM
.....	.accgcacuguggguacugc.....	2	1	GDM
.....	.accgcacuguggguacuugc.....	3	1	GDM
.....	.accgcacuguggguacuugU.....	24	1	GDM
.....	.accgcacuguggguacuugA.....	24	1	GDM
.....	.accgcacuguggguacuugU.....	24	1	GDM
.....	.aUcgacacuguggguacuugc.....	1	1	GDM
.....	.accgcacuguggguacuugA.....	24	1	GDM
.....	.accgcacuguggguacuugc.....	151	0	GDM
.....	.Gccgcacacuguggguacuugc.....	6	1	GDM
.....	.accAcacacuguggguacuugc.....	1	1	GDM
.....	.accgcacugugAgacuugc.....	5	1	GDM
.....	.accgcacacuguggguacuugcG.....	13	1	GDM
.....	.accgcacacuguggCacuugc.....	1	1	GDM
.....	.accgcacacugugUgacuugc.....	1	1	GDM
.....	.accgcacacugugAgacuugc.....	5	1	GDM
.....	.accgcacacugCggguacuugc.....	1	1	GDM
.....	.accgcacacuguggguacuugc.....	97	1	GDM
.....	.aUcgacacacuguggguacuugc.....	3	1	GDM
.....	.Gccgcacacuguggguacuugc.....	6	1	GDM
.....	.acUgcacacuguggguacuugc.....	7	1	GDM
.....	.accgcacacuguggCacuugc.....	5	1	GDM
.....	.Cccgcacacuguggguacuugc.....	4	1	GDM
.....	.accgcacacuguggguacuugcA.....	39	1	GDM
.....	.accgcacacuguggguacuugcA.....	2	1	GDM
.....	.accgcacacuguggguGcuuugc.....	2	1	GDM
.....	.accgcacacuguggguacuugc.....	1027	0	GDM
.....	.accgcacacuguggguacuugc.....	1027	0	GDM
.....	.accgcacacuguggguacuugc.....	2	1	GDM
.....	.accgcUcuguggguacuugc.....	6	1	GDM
.....	.accgcacacuggggCacuugc.....	5	1	GDM
.....	.accgcGcuguggguacuugc.....	3	1	GDM
.....	.accgcUacuuguggguacuugc.....	5	1	GDM
.....	.accgcacacuguggguacuugcA.....	39	1	GDM
.....	.accgcacacugugAgacuugc.....	5	1	GDM
.....	.accgcacacugCggguacuugc.....	7	1	GDM
.....	.accgcacacuguggguacuugU.....	9	1	GDM
.....	.accgcacacuguggguacuA.....	2	1	GDM
.....	.accgcacacuguggguacuugcA.....	39	1	GDM
.....	.accgcacacuguggguacugc.....	1	1	GDM
.....	.accgcUcuguggguacuugc.....	6	1	GDM
.....	.accgcacacugggguacuugc.....	13	1	GDM
.....	.accgcacacAuggguacuugc.....	2	1	GDM
.....	.accgcacacuguggguacuuA.....	2	1	GDM

**hsa-miR-106b-5p****hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucucggugcuacccgacuguggguacuugcugcuccaggcagg

.....accgcacCgggguacuugcu.....	7	1	GDM
.....accgcGcuguggguacuugcu.....	3	1	GDM
.....accgcacuguggguacCugcu.....	3	1	GDM
.....accgcacuguggguacuugU.....	9	1	GDM
.....Uccgcacuguggguacuugcu.....	1	1	GDM
.....accgcacuguggguUcuugcu.....	1	1	GDM
.....acAgcacuguggguacuugcu.....	1	1	GDM
.....accgcacuguAgguacuugcu.....	3	1	GDM
.....acUgcacuguggguacuugcu.....	7	1	GDM
.....accgcUcuguggguacuugcu.....	6	1	GDM
.....accgcacuguggguacuugcu.....	1027	0	GDM
.....accgcacuguggguacuugU.....	9	1	GDM
.....accgcacuguggguacAugcu.....	2	1	GDM
.....accgcacuguggguacuugC.....	97	1	GDM
.....accgcacuguggguacuugcG.....	13	1	GDM
.....Ccgcacuguggguacuugcu.....	4	1	GDM
.....accgcacuguggguacCugcu.....	3	1	GDM
.....accgcacuAuggguacuugcu.....	2	1	GDM
.....acUgcacuguggguacuugcu.....	7	1	GDM
.....accgcacuguggguacuugc.....	97	1	GDM
.....Gccgcacuguggguacuugcu.....	6	1	GDM
.....accgUacuguggguacuugcu.....	5	1	GDM
.....accgcacugGggguacuugcu.....	1	1	GDM
.....Cccgcacuguggguacuugcu.....	4	1	GDM
.....accgcacuguggguacuugCgcu.....	3	1	GDM
.....accUacuguggguacuugcu.....	1	1	GDM
.....accgcacuAgguacuugcu.....	3	1	GDM
.....accgcacuguggguacuugcug.....	103	0	GDM
.....accgcacuguggguacuugcug.....	103	0	GDM
.....accgcGcuguggguacuugcug.....	1	1	GDM
.....accgcacuguggguacuugcug.....	103	0	GDM
.....accgcacugGggguacuugcug.....	1	1	GDM
.....accgcacuguggguAuuugcug.....	2	1	GDM
.....accgcacGgggguacuugcug.....	1	1	GDM
.....accgcacuguggguAuuugcug.....	1	1	GDM
.....accgcacuguggguacuugcuU.....	1	1	GDM
.....accgcacuguggguacuugcuA.....	3	1	GDM
.....accgcacuguggguacuugcuA.....	3	1	GDM
.....accgcacuguggguacuugcuC.....	1	1	GDM
.....accgcacuguggguacuugcG.....	2	1	GDM
.....accgcacugCggguacuugcug.....	1	1	GDM
.....accgcacuguggguacuugcugA.....	33	1	GDM
.....accgcacuguggguacuugcugU.....	50	1	GDM
.....accgcacuguggguacuugcugU.....	50	1	GDM
.....accgcacuguggguacuugcugU.....	50	1	GDM
.....accgcacuguggguacuugcugA.....	33	1	GDM
.....accgcacuguggguacuugcugC.....	5	0	GDM
.....accgcacuguggguacuugcugA.....	33	1	GDM
.....accgcacuguggguacuugcgc.....	2	1	GDM
.....accgcacuguggguacuugcgc.....	2	1	GDM
.....accgcacuguggguacuugcugcA.....	5	0	GDM
.....accgcacuguggguacuugcugcA.....	2	1	GDM
.....accgcacuguggguacuugcugU.....	3	1	GDM
.....accgcacuguggguacuugcugU.....	3	1	GDM
.....accgcacuguggguacuugcugAu.....	2	1	GDM
.....ccgcacugCggguacuug.....	2	1	GDM
.....ccAcacuguggguacuug.....	1	1	GDM
.....ccgcacugugUguacuug.....	1	1	GDM
.....ccgcacuguggguacuugGg.....	10	1	GDM
.....ccgcacuguggguacCug.....	1	1	GDM
.....ccgcGcuguggguacuug.....	3	1	GDM
.....ccgcacuguggguacuug.....	444	0	GDM
.....ccgcacuguggguacuA.....	31	1	GDM
.....ccgcacugCggguacuug.....	2	1	GDM
.....ccgcacuguggguacuCg.....	3	1	GDM
.....ccgcacuguggguacuA.....	31	1	GDM
.....ccgcacuguggguacuug.....	444	0	GDM
.....ccgcacuguggguacuCg.....	3	1	GDM
.....caAgcacuguggguacuug.....	1	1	GDM

**hsa-miR-106b-5p****hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucucggugcuacccgacuguggguacuugcucaggcagg

.....ccgcacuguggguacuA.....	31	1	GDM
.....ccgUacuguggguacuug.....	3	1	GDM
.....ccgcacuguggguacuug.....	444	0	GDM
.....ccgcacuguggguGcuug.....	2	1	GDM
.....Ucgcacuguggguacuug.....	2	1	GDM
.....ccgcacCgggguacuug.....	1	1	GDM
.....ccgcaUuguggguacuug.....	1	1	GDM
.....ccgcacuguggguGcuug.....	2	1	GDM
.....ccgcacugGggguacuug.....	1	1	GDM
.....ccgcGcuguggguacuug.....	3	1	GDM
.....ccgcacuguggguUuug.....	1	1	GDM
.....ccgUacuguggguacuug.....	3	1	GDM
.....ccgcacugAguaucuug.....	6	1	GDM
.....ccgcacugAguaucuug.....	6	1	GDM
.....ccgcacuguggguacuCg.....	3	1	GDM
.....ccgcacuguggguacuugc.....	3098	0	GDM
.....ccgcacuguggAacuugc.....	2	1	GDM
.....ccgcGcuguggguacuugc.....	15	1	GDM
.....ccgcacugugCguaucuugc.....	3	1	GDM
.....ccgcGcuguggguacuugc.....	15	1	GDM
.....ccgcaUuguggguacuugc.....	5	1	GDM
.....ccgcacuguggguacuAc.....	3	1	GDM
.....ccgcacugGggguacuugc.....	3	1	GDM
.....ccgcacuguggguacuAgc.....	6	1	GDM
.....ccgcacuguggguacuugA.....	134	1	GDM
.....ccgcacugAggguaucuugc.....	3	1	GDM
.....ccgcUcuguggguacuugc.....	2	1	GDM
.....Ucgcacuguggguacuugc.....	3	1	GDM
.....ccgcacugGggguacuugc.....	3	1	GDM
.....Acgcacuguggguacuugc.....	7	1	GDM
.....ccgcacuguggguacuugA.....	134	1	GDM
.....cAgcacuguggguacuugc.....	3	1	GDM
.....ccgcaUuguggguacuugc.....	5	1	GDM
.....ccgcacugAggguaucuugc.....	3	1	GDM
.....ccgcacuguggguacuCgc.....	22	1	GDM
.....ccgcacuguggChacuugc.....	2	1	GDM
.....ccgcacuguggguauugc.....	4	1	GDM
.....ccgcacuguggguacCugc.....	7	1	GDM
.....ccgcacuguggguacuugG.....	5	1	GDM
.....ccgcacuguggguacuugU.....	617	1	GDM
.....ccgcacuAuggguacuugc.....	8	1	GDM
.....Ucgcacuguggguacuugc.....	3	1	GDM
.....ccgcCcuguggguacuugc.....	1	1	GDM
.....ccgcacuguggguauugc.....	4	1	GDM
.....ccgcacuguggguacuugU.....	617	1	GDM
.....ccgcaUuguggguacuugc.....	5	1	GDM
.....Acgcacuguggguacuugc.....	7	1	GDM
.....ccgcacuguggguacuAc.....	3	1	GDM
.....ccgcacuguggggCacuugc.....	10	1	GDM
.....ccgcacuguggguCcuugc.....	1	1	GDM
.....ccgcacCguggguacuugc.....	12	1	GDM
.....ccgcacuguggguacuugc.....	2	1	GDM
.....ccgcacuguggguacuAc.....	3	1	GDM
.....ccgcacugAggguaucuugc.....	6	1	GDM
.....ccgcacuguggguAcugc.....	2	1	GDM
.....ccgcacugAguaucuugc.....	5	1	GDM
.....ccgcacugCguaucuugc.....	3	1	GDM
.....ccgcacugCggguacuugc.....	12	1	GDM
.....ccgcacuguggguacuugc.....	3098	0	GDM
.....ccgcacuguggAuacuugc.....	6	1	GDM
.....ccgcacuCuggguacuugc.....	2	1	GDM
.....ccgcacuguggguauugc.....	4	1	GDM
.....ccgcacugCggguacuugc.....	12	1	GDM
.....cUgcacuguggguacuugc.....	5	1	GDM
.....ccgcacGggguacuugc.....	2	1	GDM
.....ccgcGcuguggguacuugc.....	15	1	GDM
.....ccgcacugugUgacuugc.....	2	1	GDM
.....ccgcacGggguacuugc.....	2	1	GDM
.....ccgcacuguggggCacuugc.....	10	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccgguaacccgacuguggguacuuugcugcuccaggcagg

.....ccAcacuguggguacuugc.....	7	1	GDM
.....Acgcacuguggguacuugc.....	7	1	GDM
.....ccgcacuguggguacuugA.....	134	1	GDM
.....ccgcacuguggguacCugc.....	7	1	GDM
.....ccCcacuguggguacuugc.....	2	1	GDM
.....ccgcacuguggguacGugc.....	1	1	GDM
.....ccgcacuguggguacuugc.....	11	1	GDM
.....ccAcacuguggguacuugc.....	7	1	GDM
.....ccgcacCguggguacuugc.....	12	1	GDM
.....ccgcacuguggguacuGgc.....	2	1	GDM
.....cUgcacuguggguacuugc.....	5	1	GDM
.....ccgcacuAuggguacuugc.....	8	1	GDM
.....ccgcacuguggguGcuuugc.....	11	1	GDM
.....ccgcacuAuggguacuugc.....	8	1	GDM
.....ccgcacuguggguAuggc.....	2	1	GDM
.....ccgUacacuguggguacuugc.....	2	1	GDM
.....ccgcacuguggguUcuuugc.....	2	1	GDM
.....ccgcacCguggguacuugc.....	12	1	GDM
.....ccgcacuguggguacuAgc.....	6	1	GDM
.....ccgcacuguggguacuCgc.....	22	1	GDM
.....ccgcacuguggguacCugc.....	7	1	GDM
.....ccgcacuguggguacuucCc.....	1	1	GDM
.....ccgcacuguAggguacuugc.....	6	1	GDM
.....ccgcacuguggguacuugG.....	5	1	GDM
.....ccgcacuguggggCacuugc.....	10	1	GDM
.....ccgcacuguggguacuugc.....	3098	0	GDM
.....ccgcacuguUggguacuugc.....	2	1	GDM
.....ccgUacacuguggguacuugc.....	2	1	GDM
.....ccgcacuGuuggguacuugc.....	1	1	GDM
.....ccgcacAuggguacuugc.....	1	1	GDM
.....ccgcacuguAgggguacuugc.....	6	1	GDM
.....ccgcacuguggguGcuuugc.....	11	1	GDM
.....ccgcacuguggguacuugU.....	617	1	GDM
.....ccgcacuguggguUcuuugc.....	2	1	GDM
.....ccgcacugCggguacuugc.....	12	1	GDM
.....ccgcacuguggguacuCgc.....	22	1	GDM
.....ccgcacugGggguacuugc.....	3	1	GDM
.....ccgcacuguggAuacuugc.....	6	1	GDM
.....ccgcacugugAgacuugc.....	5	1	GDM
.....ccgcGcuguggguacuugc.....	163	1	GDM
.....ccAcacuguggguacuugc.....	68	1	GDM
.....ccgcacuguggguacuAgcu.....	33	1	GDM
.....ccgcacuAuggguacuugc.....	49	1	GDM
.....ccgcCcacuguggguacuugc.....	10	1	GDM
.....ccgcacuCggguacuugc.....	5	1	GDM
.....ccgcacugCggguacuugc.....	153	1	GDM
.....Acgcacuguggguacuugc.....	53	1	GDM
.....ccgcacuguggAuacuugc.....	56	1	GDM
.....ccgcUccacuguggguacuugc.....	42	1	GDM
.....ccgcacuguggguacuugcG.....	290	1	GDM
.....ccCcacuguggguacuugc.....	18	1	GDM
.....AAGcacacuguggguacuugc.....	21	1	GDM
.....ccCcacuguggguacuugc.....	18	1	GDM
.....ccgcacuguggGacuugc.....	5	1	GDM
.....ccgcacuguggguacAUGcu.....	23	1	GDM
.....ccUacacuguggguacuugc.....	11	1	GDM
.....ccgcacuguAggguacuugc.....	62	1	GDM
.....ccgcGcuguggguacuugc.....	163	1	GDM
.....ccgcacuguggguacuugcC.....	3347	1	GDM
.....Acgcacacuguggguacuugc.....	53	1	GDM
.....ccgcacAuggguacuugc.....	49	1	GDM
.....ccgcacuCggguacuugc.....	5	1	GDM
.....ccgcacuguggguGcuuugc.....	115	1	GDM
.....Ucgcacacuguggguacuugc.....	90	1	GDM
.....ccgcacuguggguacuAgcu.....	33	1	GDM
.....ccgcacCguggguacuugc.....	177	1	GDM
.....ccgcacuguggguacGugc.....	62	1	GDM
.....ccgcacuUgguggguacuugc.....	1	1	GDM
.....ccgcacuUuguggguacuugc.....	46	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauaaguggguccucccggcuac**ccgcacuguggguacuugcugcuccaggcagg**

.....	.ccgcacuguggguacuug <u>äu</u> .....	8	1	GDM
.....	.ccgcacugug <u>Cguacuu</u> ugcu.....	8	1	GDM
.....	.ccgcac <u>A</u> guggguacuugcu.....	49	1	GDM
.....	.ccgcacug <u>Gggguacuugcu</u> .....	21	1	GDM
.....	.ccgcacuguggguacu <u>Cgcu</u> .....	128	1	GDM
.....	.ccgcacugugg <u>Uuacuu</u> ugcu.....	17	1	GDM
.....	.c <u>U</u> gcacuguggguacuugcu.....	95	1	GDM
.....	.c <u>U</u> gcacuguggguacuug <u>cu</u> .....	95	1	GDM
.....	.ccgcacugug <u>Uggua</u> acuugcu.....	8	1	GDM
.....	.ccgcacuguggguacu <u>Agcu</u> .....	33	1	GDM
.....	.ccgcacugugggu <u>Ccuu</u> ugcu.....	7	1	GDM
.....	.ccgcacuguggguacu <u>Ggcu</u> .....	1	1	GDM
.....	.c <u>U</u> gcacuguggguacuugcu.....	95	1	GDM
.....	.ccgcacuguggguacu <u>Ucu</u> .....	18	1	GDM
.....	.ccgcacuguggguacu <u>Uuugcu</u> .....	44	1	GDM
.....	.cc <u>A</u> cacuguggguacuugcu.....	68	1	GDM
.....	.ccgcac <u>U</u> ugguggguacuugcu.....	46	1	GDM
.....	.ccgcac <u>A</u> guggguacuugcu.....	49	1	GDM
.....	.ccgcacugugg <u>Uuacuu</u> ugcu.....	17	1	GDM
.....	.ccgcacug <u>A</u> ggguacuugcu.....	67	1	GDM
.....	.ccgcacugugggu <u>Gcuu</u> ugcu.....	115	1	GDM
.....	.c <u>A</u> gcacuguggguacuugcu.....	21	1	GDM
.....	.ccgcacugugggu <u>Ccuu</u> ugcu.....	7	1	GDM
.....	.ccgcacugugg <u>Cuacuu</u> ugcu.....	8	1	GDM
.....	.cc <u>G</u> cacuguggguacuugcu.....	42	1	GDM
.....	.ccgcacuguggguacu <u>Uu</u> .....	82	1	GDM
.....	.ccgcac <u>C</u> ggggguacuugcu.....	177	1	GDM
.....	.ccgcacugugggu <u>aGuugcu</u> .....	1	1	GDM
.....	.ccgcacugugg <u>Auacuu</u> ugcu.....	56	1	GDM
.....	.ccgcacugu <u>Agguacuu</u> ugcu.....	62	1	GDM
.....	.ccgcacugugg <u>Ucuu</u> ugcu.....	28	1	GDM
.....	.cc <u>C</u> acuguggguacuugcu.....	18	1	GDM
.....	.ccgcacuguggguacu <u>ucu</u> .....	36963	0	GDM
.....	.ccgcacuguggguac <u>Augcu</u> .....	23	1	GDM
.....	.ccgcacugu <u>Uggua</u> acuugcu.....	8	1	GDM
.....	.ccgcacuguggguacu <u>ugcA</u> .....	1677	1	GDM
.....	.Acgcacuguggguacuugcu.....	53	1	GDM
.....	.ccgcacugugggu <u>Uuugcu</u> .....	44	1	GDM
.....	.Ucgcacuguggguacuugcu.....	90	1	GDM
.....	.ccgcacugu <u>Uggua</u> acuugcu.....	10	1	GDM
.....	.ccgcacug <u>A</u> ggguacuugcu.....	67	1	GDM
.....	.ccgcacugu <u>Uggua</u> acuugcu.....	8	1	GDM
.....	.ccgcacuguggguacuugcu.....	36963	0	GDM
.....	.c <u>A</u> gcacuguggguacuugcu.....	21	1	GDM
.....	.ccgc <u>C</u> cuguggguacuugcu.....	10	1	GDM
.....	.ccgcacuguggguacu <u>Ucu</u> .....	18	1	GDM
.....	.ccgc <u>G</u> cuguggguacuugcu.....	163	1	GDM
.....	.ccgcacugugg <u>Cuacuu</u> ugcu.....	8	1	GDM
.....	.ccgcacugugg <u>ggCacuu</u> ugcu.....	95	1	GDM
.....	.Gcgcacuguggguacu <u>ucu</u> .....	15	1	GDM
.....	.ccgcacuguggguacu <u>ucA</u> .....	1677	1	GDM
.....	.ccgcacuguggguacu <u>uG</u> .....	9	1	GDM
.....	.ccgcacugugg <u>Cacuu</u> ugcu.....	95	1	GDM
.....	.ccgcacugugg <u>ggAcuu</u> ugcu.....	17	1	GDM
.....	.ccg <u>A</u> acuguggguacuugcu.....	9	1	GDM
.....	.ccg <u>A</u> acuguggguacuugcu.....	9	1	GDM
.....	.ccgcacuguggguacu <u>Cgcu</u> .....	128	1	GDM
.....	.ccgcacugugg <u>Auacuu</u> ugcu.....	56	1	GDM
.....	.ccgcacu <u>Cuggguacuu</u> ugcu.....	5	1	GDM
.....	.ccg <u>ca</u> Auguggguacuugcu.....	10	1	GDM
.....	.ccgcacuguggguac <u>Cugcu</u> .....	157	1	GDM
.....	.ccgcac <u>G</u> ggggguacuugcu.....	13	1	GDM
.....	.ccgcacugugg <u>Cuacuu</u> ugcu.....	8	1	GDM
.....	.ccgcacuguggguacu <u>Acu</u> .....	70	1	GDM
.....	.ccgcacuguggguacu <u>Ccu</u> .....	4	1	GDM
.....	.ccg <u>ca</u> Auguggguacuugcu.....	10	1	GDM
.....	.ccgcacug <u>Cggguacuu</u> ugcu.....	153	1	GDM
.....	.ccgcacug <u>Aguacuu</u> ugcu.....	72	1	GDM
.....	.ccg <u>ca</u> Auguggguacuugcu.....	10	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccegguaucacgacuguggguacuugcugcuccaggcagg

.....ccgcacuguggguacCugcu.....	157	1	GDM
.....ccgcacuguggguacuuugUu.....	82	1	GDM
.....ccgcacuguggguacuuugC.....	3347	1	GDM
.....ccgcacugugUguacuuugcu.....	32	1	GDM
.....ccgGacuguggguacuuugcu.....	4	1	GDM
.....ccgcCcuguggguacuuugcu.....	10	1	GDM
.....ccgcacuguggguUcuuugcu.....	28	1	GDM
.....ccgcacuguggggacuuugcu.....	5	1	GDM
.....ccgcacuguggguacuuugGu.....	9	1	GDM
.....ccgcacugugUguacuuugcu.....	32	1	GDM
.....ccgGacuguggguacuuugcu.....	4	1	GDM
.....ccgcacuguggguacuuuCu.....	128	1	GDM
.....ccgcaUuguggguacuuugcu.....	46	1	GDM
.....Gcgacuguggguacuuugcu.....	15	1	GDM
.....ccgcacuguggguacuuugAu.....	8	1	GDM
.....ccgcacuguggggacuuugcG.....	290	1	GDM
.....ccgcacuguggguacuuugcG.....	290	1	GDM
.....ccgcacuguggguacuuugAu.....	8	1	GDM
.....ccgcacuguggguacuuuAcu.....	70	1	GDM
.....ccgcacugAgggacuuugcu.....	67	1	GDM
.....Gcgacacuguggguacuuugcu.....	15	1	GDM
.....ccgcacuUuggguacuuugcu.....	7	1	GDM
.....ccgcacuguggguCuuuugcu.....	7	1	GDM
.....ccgcacuguggguGcuuugcu.....	115	1	GDM
.....ccgcacuAuggguacuuugcu.....	49	1	GDM
.....ccgcUcuguggguacuuugcu.....	42	1	GDM
.....ccgcacugGggguacuuugcu.....	21	1	GDM
.....ccgcacugugAguacuuugcu.....	72	1	GDM
.....ccgcacuguggguacuuugcu.....	36963	0	GDM
.....ccgcacugGggguacuuugcu.....	21	1	GDM
.....ccgcacugugAguacuuugcu.....	72	1	GDM
.....ccgcacuguggguacuuugcC.....	3347	1	GDM
.....ccgcacuguCggacuuugcu.....	10	1	GDM
.....ccgcacugugggCacuuugcu.....	95	1	GDM
.....ccgcacugugUguacuuugcu.....	32	1	GDM
.....ccgcacuUuggguacuuugcu.....	7	1	GDM
.....ccgUacuguggggacuuugcu.....	42	1	GDM
.....ccgAacuguggguacuuugcu.....	9	1	GDM
.....ccgcacuguggUuuacuuugcu.....	17	1	GDM
.....ccgUacuguggguacuuugcu.....	42	1	GDM
.....ccgcacuguggguacuuugUu.....	82	1	GDM
.....ccgcacuguggguacCugcu.....	157	1	GDM
.....ccgcacuguggguacuuuCc.....	4	1	GDM
.....Ucgcacuguggguacuuugcu.....	90	1	GDM
.....ccgcacCgggguacuuugcu.....	177	1	GDM
.....cGgcacuguggguacuuugcu.....	3	1	GDM
.....ccgcacuUuggguacuuugcu.....	7	1	GDM
.....ccgcacugCggguacuuugcu.....	153	1	GDM
.....ccgcacugugCguacuuugcu.....	8	1	GDM
.....ccgcacuAuggguacuuugcu.....	49	1	GDM
.....ccgcacuguggAacuuugcu.....	17	1	GDM
.....ccgcUcuguggguacuuugcu.....	42	1	GDM
.....ccUacuguggguacuuugcu.....	11	1	GDM
.....ccgcacuguggguUuuugcu.....	44	1	GDM
.....ccgcacGgggguacuuugcu.....	13	1	GDM
.....ccgcacugggguacuuugGu.....	9	1	GDM
.....ccgcacuguggggacuuugcu.....	5	1	GDM
.....ccgcacuguggggacAuggcu.....	23	1	GDM
.....ccgcacuguggguUcuuugcu.....	28	1	GDM
.....ccgcacugugggAacuuugcu.....	17	1	GDM
.....ccgcacuguGguacuuugcu.....	10	1	GDM
.....ccAacacuguggguacuuugcu.....	68	1	GDM
.....ccgcacuguggguacuuuAcu.....	70	1	GDM
.....ccgcacuguggguacuuuUcu.....	18	1	GDM
.....ccgcacGgggguacuuugcu.....	13	1	GDM
.....ccUacacuguggguacuuugcu.....	11	1	GDM
.....ccgcacuguggguacuuugcA.....	1677	1	GDM
.....ccgcacuguggguacuuugcG.....	31	1	GDM
.....ccgcacugugUguacuuugcug.....	5	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucucggugcuacccgacuguggguacuuugcuguccaggcagg

.....cAgcacuguggguacuugcug.....	3	1	GDM
.....ccgcacuguggguacuuugcug.....	16	1	GDM
.....ccgcacAuggguacuuugcug.....	3	1	GDM
.....ccgcacugGggguacuuugcug.....	4	1	GDM
.....ccAcacuguggguacuuugcug.....	11	1	GDM
.....Ucgacacuguggguacuuugcug.....	12	1	GDM
.....ccgcacuguggguacuCgcug.....	27	1	GDM
.....ccgcacuguggguacuuugAug.....	4	1	GDM
.....ccCacacuguggguacuuugcug.....	4	1	GDM
.....ccgcacuAuggguacuuugcug.....	6	1	GDM
.....ccgcacuguggguacuuugcug.....	16	1	GDM
.....ccgcacuguggguacuCuCgcug.....	27	1	GDM
.....ccgcacugCggguacuuugcug.....	20	1	GDM
.....ccgcacuguggguGcuuugcug.....	23	1	GDM
.....ccgAacacuguggguacuuugcug.....	2	1	GDM
.....ccAcacacuguggguacuuugcug.....	11	1	GDM
.....ccgcacuguggguacuCgcug.....	27	1	GDM
.....ccgcacugCggguacuuugcug.....	20	1	GDM
.....ccgcacuguggguacuugCg.....	31	1	GDM
.....ccgcacuguggguacuugc.....	13	1	GDM
.....ccgcacuguggguacuugcCg.....	31	1	GDM
.....ccgcacuguggguacuugCugcug.....	33	1	GDM
.....ccgcacuguggguacuAgcug.....	10	1	GDM
.....ccgcacuguggguacuuAcug.....	8	1	GDM
.....ccgcUcuguggguacuuugcug.....	4	1	GDM
.....ccgcacuguggUuacuuugcug.....	3	1	GDM
.....ccgcacuguggguacuuugcU.....	43	1	GDM
.....ccgcacuguggguacuuAcug.....	8	1	GDM
.....ccgcacugugAguacuuugcug.....	13	1	GDM
.....ccgcacuguggguacuugcGg.....	133	1	GDM
.....ccgcacuguggguacuuugAug.....	4	1	GDM
.....ccgcacuguggguacuuUuugcug.....	16	1	GDM
.....cUgcacacuguggguacuuugcug.....	9	1	GDM
.....ccgcacuguggguacuugcGg.....	133	1	GDM
.....ccgcacuguggguGcuuugcug.....	23	1	GDM
.....ccgcUcuguggguacuuugcug.....	4	1	GDM
.....ccgcacuguggguacuuugcug.....	6270	0	GDM
.....ccgcacuAuggguacuuugcug.....	6	1	GDM
.....ccgcacuguggguGcuuugcug.....	23	1	GDM
.....ccgcacuguggggCacuuugcug.....	17	1	GDM
.....ccgcacuguggguacuuugcU.....	43	1	GDM
.....ccgAacacuguggguacuuugcug.....	2	1	GDM
.....ccgcacugugAguacuuugcug.....	13	1	GDM
.....Ucgacacuguggguacuuugcug.....	12	1	GDM
.....Ucgacacuguggguacuuugcug.....	12	1	GDM
.....ccgcacuguggguacuuugAug.....	4	1	GDM
.....ccgcaAugggguacuuugcug.....	1	1	GDM
.....ccgUacacuguggguacuuugcug.....	8	1	GDM
.....cUgcacacuguggguacuuugcug.....	9	1	GDM
.....ccgcacugAgggguacuuugcug.....	9	1	GDM
.....ccgUacacuguggguacuuugcug.....	8	1	GDM
.....ccgcacugAgggguacuuugcug.....	9	1	GDM
.....ccgcacuguggguAuuugcug.....	1	1	GDM
.....ccgcacugGggguacuuugcug.....	4	1	GDM
.....Gcgacacuguggguacuuugcug.....	4	1	GDM
.....ccgcacugAaggguacuuugcug.....	7	1	GDM
.....ccgcacuguggguacAuggcug.....	3	1	GDM
.....ccgcGcgacuguggguacuuugcug.....	36	1	GDM
.....ccgcacuUuguggguacuuugcug.....	5	1	GDM
.....ccgcacuguggguacuuugcAg.....	3	1	GDM
.....ccgcacuguggUuacuuugcug.....	3	1	GDM
.....ccgcacuguggguCcuuugcug.....	1	1	GDM
.....ccgcacuguggguacAuggcug.....	3	1	GDM
.....ccgcacCggggguacuuugcug.....	30	1	GDM
.....ccgcacugAggguacuuugcug.....	9	1	GDM
.....ccgcacuguggguUcuuugcug.....	3	1	GDM
.....ccgcacCggggguacuuugcug.....	30	1	GDM
.....ccgcacGggggguacuuugcug.....	2	1	GDM
.....ccgcacuguggguacuuugUug.....	12	1	GDM

**hsa-miR-106b-5p****hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagucgauaagugguccucccggcgcuac**ccgcacuguggguacuugcugcuccaggcagg**

.....	.ccgcacuguggguacuugcugC.....	13	1	GDM
.....	.ccgcacuguggggCacuugcug.....	17	1	GDM
.....	.ccgcacuguCgguacuugcug.....	2	1	GDM
.....	.ccgcacCgggguacuugcug.....	30	1	GDM
.....	.ccgcacuguggguacAugcug.....	3	1	GDM
.....	.ccgcacuguggAuacuugcug.....	16	1	GDM
.....	.Acgcacuguggguacuugcug.....	10	1	GDM
.....	.Acgcacuguggguacuugcug.....	10	1	GDM
.....	.ccgcacuguUgguacuugcug.....	2	1	GDM
.....	.ccgcacuguggguacuAgcug.....	10	1	GDM
.....	.ccgUacuguggguacuugcug.....	8	1	GDM
.....	.ccgcacuguggguacuugcug.....	6270	0	GDM
.....	.cUgcacuguggguacuugcug.....	9	1	GDM
.....	.ccgcacuguggguacuugcGg.....	133	1	GDM
.....	.ccgcacuguggguacuugcA.....	355	1	GDM
.....	.ccgcacuguggguacuugcA.....	3	1	GDM
.....	.ccgcacuguggguacuugcG.....	33	1	GDM
.....	.ccgcacuguggguacCugcug.....	33	1	GDM
.....	.Gcgacacuguggguacuugcug.....	4	1	GDM
.....	.ccUacuguggguacuugcug.....	3	1	GDM
.....	.ccgcacuguggguacuugcA.....	355	1	GDM
.....	.ccgcacuguggggCacuugcug.....	17	1	GDM
.....	.ccgcacuguUgguacuugcug.....	2	1	GDM
.....	.ccgcacuguggguacuugUug.....	12	1	GDM
.....	.ccgcacuguggguacuugcug.....	6270	0	GDM
.....	.ccgcacuguggguacuugcC.....	13	1	GDM
.....	.ccgcacuguggguacuuiAcug.....	8	1	GDM
.....	.ccgcacuguggguacuAgcug.....	10	1	GDM
.....	.ccgcaUuguggguacuugcug.....	5	1	GDM
.....	.ccAcacuguggguacuugcug.....	11	1	GDM
.....	.ccgcacuguggguUcuugcug.....	3	1	GDM
.....	.ccgcGcgugggguacuugcug.....	36	1	GDM
.....	.ccgcCcuguggguacuugcug.....	1	1	GDM
.....	.CGgcacuguggguacuugcug.....	2	1	GDM
.....	.ccgcacuguggguUcuugcug.....	3	1	GDM
.....	.ccgcacAguggguacuugcug.....	3	1	GDM
.....	.ccgcacuguggguacuugcU.....	43	1	GDM
.....	.AGcacacuguggguacuugcug.....	3	1	GDM
.....	.ccgcacugCggguacuugcug.....	20	1	GDM
.....	.ccgcGcgugggguacuugcug.....	36	1	GDM
.....	.ccUacuguggguacuugcug.....	3	1	GDM
.....	.ccgcacuguggguGuugcug.....	1	1	GDM
.....	.ccgcacuguggguacuugcA.....	355	1	GDM
.....	.ccgcacuguggAuacuugcug.....	16	1	GDM
.....	.ccgcacuguggAuacuugcug.....	16	1	GDM
.....	.ccgcacugGggguacuugcug.....	4	1	GDM
.....	.ccgcacuguAgguacuugcug.....	7	1	GDM
.....	.CGgcacuguggguacuugcug.....	2	1	GDM
.....	.ccgcacuguggggAacuugcug.....	1	1	GDM
.....	.ccgcacuguggguacuugcAgc.....	1	1	GDM
.....	.ccgcacuguggguacuugcugC.....	442	0	GDM
.....	.ccgcacuguggguacuugcA.....	5	1	GDM
.....	.ccgcGcgugggguacuugcugC.....	3	1	GDM
.....	.ccgcacugUggacuugcugC.....	1	1	GDM
.....	.ccgcacAguggguacuugcugC.....	1	1	GDM
.....	.ccAcacuguggguacuugcugC.....	2	1	GDM
.....	.ccgcacuguggguacuugcugC.....	442	0	GDM
.....	.ccgcacuguggguacuugcA.....	5	1	GDM
.....	.ccgcacuguggguacuugUugc.....	2	1	GDM
.....	.UcgacacuguggguacuugcugC.....	5	1	GDM
.....	.AGcacacuguggguacuugcugC.....	2	1	GDM
.....	.ccgcacugGggguacuugcugC.....	1	1	GDM
.....	.ccgcacuguggguacuugcCgc.....	3	1	GDM
.....	.ccgcacCgggguacuugcugC.....	4	1	GDM
.....	.ccgcacuguggggCacuugcugC.....	2	1	GDM
.....	.ccgcacCgggguacuugcugC.....	4	1	GDM
.....	.ccgcUcgugggguacuugcugC.....	1	1	GDM
.....	.ccgcacuguggguacuugcugU.....	631	1	GDM
.....	.ccgcacuguggguacCugcugC.....	2	1	GDM

**hsa-miR-106b-5p****hsa-miR-106b-3p**ccugccggggcuaaagugcugacagugcagauagugguccucccgugcua**ccgcacuguggguacuugcugcuccaggcagg**

.....	ccgca <u>U</u> uguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugG.....	3	1	GDM
.....	ccg <u>A</u> ucuguggguacuugcugc.....	2	1	GDM
.....	ccgcac <u>C</u> ugggguacuugcugc.....	4	1	GDM
.....	ccgcacuguggguacuugc <u>G</u> c.....	3	1	GDM
.....	ccgcacugugggu <u>A</u> uugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugA.....	478	1	GDM
.....	ccgcacuguggguacuugcugA.....	478	1	GDM
.....	ccgcacuguggguacuugcugc.....	442	0	GDM
.....	c <u>U</u> gcacuguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugG.....	3	1	GDM
.....	ccg <u>A</u> ucuguggguacuugcugc.....	2	1	GDM
.....	ccgcacugugggu <u>G</u> cuugcugc.....	3	1	GDM
.....	ccgcacuguggguacuugcugG.....	3	1	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	631	1	GDM
.....	ccg <u>A</u> cacuguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	631	1	GDM
.....	ccgcacuguggguacuug <u>U</u> gc.....	2	1	GDM
.....	ccgcacuguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugc.....	2	1	GDM
.....	ccgcacug <u>C</u> ggguacuugcugc.....	2	1	GDM
.....	ccgc <u>G</u> cuguggguacuugcugc.....	1	1	GDM
.....	ccgcacugugggu <u>U</u> cuugcugc.....	2	1	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	2	1	GDM
.....	ccgcacuguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugc.....	2	1	GDM
.....	ccgcacug <u>C</u> ggguacuugcugc.....	2	1	GDM
.....	ccgcacuguggguacuugcugc.....	17	1	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	90	1	GDM
.....	ccgcacuguggguacu <u>C</u> gcugc.....	2	1	GDM
.....	ccgcacuguggguacuugcugc.....	28	1	GDM
.....	ccgcacuguggguacuugcugc.....	2	1	GDM
.....	ccgcacuguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcug <u>A</u> .....	17	1	GDM
.....	ccgcacuguggguacuugcugcA.....	746	1	GDM
.....	ccgcacugug <u>A</u> guacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugc.....	351	0	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	90	1	GDM
.....	ccgcacuguggguacuugcugc.....	28	1	GDM
.....	ccgcacuguggguacuugcugc.....	351	0	GDM
.....	ccgcacuguggguacu <u>C</u> gcugc.....	2	1	GDM
.....	ccgcacuguggguacuugcugc.....	351	0	GDM
.....	ccgcacuguggguacuugcugcA.....	746	1	GDM
.....	ccgcacugugggu <u>G</u> cuugcugc.....	2	1	GDM
.....	ccgcacuguggguacuugcugcG.....	28	1	GDM
.....	c <u>U</u> acacuguggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugc.....	28	1	GDM
.....	ccgcacuguggguacuugcugc.....	3	1	GDM
.....	ccgcacuguggguacuugcugcA.....	746	1	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	90	1	GDM
.....	ccgcacugug <u>U</u> ggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugc <u>G</u> cu.....	1	1	GDM
.....	ccgcacuguggguacuugcugc.....	17	1	GDM
.....	ccgcacug <u>C</u> ggguacuugcugc.....	1	1	GDM
.....	ccgcacuguggguacuugcugc.....	28	1	GDM
.....	ccgcacuguggguacuugcugc.....	28	1	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	10	1	GDM
.....	ccgcacuguggguacuugcug <u>A</u> .....	4	1	GDM
.....	ccgcacuguggguacuugcug <u>A</u> .....	6	1	GDM
.....	ccgcacuguggguacuugcug <u>U</u> .....	10	1	GDM
.....	ccgcacuguggguacuugcug <u>A</u> .....	6	1	GDM
.....	cgcacuguggguacuugc.....	4	0	GDM
.....	ccgcacuguggguacuugc.....	25	0	GDM
.....	ccgcacuguggguacuugcA.....	1	1	GDM
.....	ccgcacuguggguacuugc.....	25	0	GDM
.....	c <u>U</u> acacuguggguacuugc.....	2	1	GDM
.....	ccgcacuguggguac <u>A</u> ugc.....	1	1	GDM

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcaga <u>u</u> agugguccucuccgug <u>cua</u> ccgcacuguggguacuu <u>u</u> gcugcuccagg			
.....cgcacuguggguacuu <u>u</u> gcugcuccagg	7	0	GDM
.....cgcacuguggguacuu <u>u</u> gcugcuccagg	7	0	GDM
.....Ccacuguggguacuu <u>u</u> gcugcuccagg	1	1	GDM
.....uaaagugcugacagug <u>c</u> a.....	2	0	Z1_
.....uaaagugcugacagug <u>c</u> g.....	2	0	Z1_
.....uaaagugcugacagug <u>U</u> ag.....	3	1	Z1_
.....uaUagugcugacagug <u>c</u> aga.....	1	1	Z1_
.....uaaagugcuAacagug <u>c</u> aga.....	1	1	Z1_
.....uaaagugcugaca <u>C</u> ugcaga.....	1	1	Z1_
.....uaaagugcuga <u>U</u> agugcaga.....	2	1	Z1_
.....uaaagugcugacGgugcaga.....	1	1	Z1_
.....uaaagugUugacagug <u>c</u> aga.....	10	1	Z1_
.....uaaagugcugacagug <u>U</u> aga.....	93	1	Z1_
.....uaGagugcugacagug <u>c</u> aga.....	3	1	Z1_
.....uaaagugcugacagug <u>c</u> aga.....	222	0	Z1_
.....uaaagugcugacagug <u>c</u> ga.....	1	1	Z1_
.....uaaagugcugacagug <u>c</u> gA.....	2	1	Z1_
.....uaaagugcugacagug <u>c</u> gau.....	1	1	Z1_
.....uaaagugcugacagug <u>c</u> gau.....	46	0	Z1_
.....uaaagugcugacagug <u>U</u> gau.....	9	1	Z1_
.....uaaagugcugacagug <u>U</u> gaua.....	3	1	Z1_
.....Gaaagugcugacagug <u>c</u> gaua.....	1	1	Z1_
.....uaaagugcugacagug <u>c</u> gau.....	1	1	Z1_
.....uaaagugcugacagug <u>c</u> gauG.....	4	1	Z1_
.....uaaagugUugacagug <u>c</u> gaua.....	1	1	Z1_
.....uaaagugcugacagug <u>c</u> gauC.....	4	1	Z1_
.....uaaagugcugacagug <u>c</u> gauU.....	5	1	Z1_
.....uaaagugcugacagug <u>c</u> gaua.....	27	0	Z1_
.....uaaagugcugacagug <u>c</u> gau <u>U</u> .....	1	1	Z1_
.....uaaagugcugacagug <u>c</u> gau <u>A</u> .....	1	1	Z1_
.....uaaagugcugacagug <u>U</u> gaua <u>u</u> .....	2	1	Z1_
.....uaaagugcugacagug <u>c</u> gau <u>u</u> .....	9	0	Z1_
.....uaaagugcugacagug <u>c</u> gau <u>u</u> .....	1	1	Z1_
.....gugguccucuccgug <u>c</u> ua.....	1	0	Z1_
.....cuacgcacuguggguacuu <u>u</u> .....	1	0	Z1_
.....uacgcacuguggguac <u>u</u> .....	1	1	Z1_
.....uacgcacuguggguac.....	43	0	Z1_
.....uacgcacugugggu <u>G</u> .....	1	1	Z1_
.....uacgcacugAggg <u>u</u> ac.....	1	1	Z1_
.....uGccgcacuguggguac.....	1	1	Z1_
.....uaccgcacuguggguac <u>C</u> .....	3	1	Z1_
.....uaccgcacuguggguac <u>A</u> .....	3	1	Z1_
.....uaccgcacug <u>G</u> ggguac.....	3	1	Z1_
.....uaccAcacuguggguac.....	3	1	Z1_
.....uaccgcacuguggguac <u>A</u> .....	3	1	Z1_
.....uaccgcacuguggguacuu.....	175	0	Z1_
.....uaccgcacugAggg <u>u</u> acuu.....	1	1	Z1_
.....uaccgcacuguggguac <u>C</u> .....	12	1	Z1_
.....uaccgcGcuguggguacuu.....	2	1	Z1_
.....uacc <u>G</u> acuguggguacuu.....	1	1	Z1_
.....uGccgcacuguggguacuu.....	1	1	Z1_
.....uaccgcacuguggguac <u>G</u> .....	2	1	Z1_
.....uaccgcacugAggu <u>u</u> acuu.....	1	1	Z1_
.....uaccgcacugCggguacuu.....	2	1	Z1_
.....uaccgcacugAggu <u>u</u> acuu.....	4	1	Z1_
.....uaccgcacugCggguacuu <u>u</u> .....	1	1	Z1_
.....uaccgcacuguggguacuu <u>u</u> .....	22	0	Z1_
.....uaccgcacugAggu <u>u</u> acuu.....	1	1	Z1_
.....Caccgcacuguggguacuu <u>u</u> .....	2	1	Z1_
.....Aaccgcacuguggguacuu <u>u</u> .....	1	1	Z1_
.....uaccgcGcuguggguacuu <u>u</u> .....	1	1	Z1_
.....uCccgcacuguggguacuu <u>u</u> .....	1	1	Z1_
.....uaccAcacuguggguacuu <u>u</u> .....	1	1	Z1_
.....uaccgcacuguggguacuu <u>u</u> .....	85	1	Z1_
.....uaccgcacuguggguac <u>G</u> .....	1	1	Z1_
.....uaccgcacuguggguac <u>C</u> gc.....	1	1	Z1_
.....uaccgcacuAuggguacuu <u>u</u> .....	1	1	Z1_
.....uaccgcacCguggguacuu <u>u</u> .....	1	1	Z1_

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauaguggguccucuccggugcuacccgacacuguggguacuuugcugcuccaggcagg

.....	uaccgcacuguggguacuuAc.....	1	1	Z1_
.....	uaccgcacuguggguacuuA.....	28	1	Z1_
.....	uaccgcacuguggguacuuugc.....	380	0	Z1_
.....	uaccgcacGguggguacuuugc.....	1	1	Z1_
.....	uaccgcacugCggguacuuugc.....	1	1	Z1_
.....	uaccgUacuguggguacuuugc.....	2	1	Z1_
.....	uaccgcacuguggChacuuugc.....	1	1	Z1_
.....	uaccgcacugugAguacuuugc.....	1	1	Z1_
.....	uaccgcacuguggguacuuugc.....	5111	0	Z1_
.....	uaccgcacuguggguacuuugcG.....	39	1	Z1_
.....	uaccgcacuguggguacuuugcA.....	210	1	Z1_
.....	uaccgcacAguggguacuuugc.....	2	1	Z1_
.....	uaccgUacuguggguacuuugc.....	7	1	Z1_
.....	uaccgcacuguggguacuuUcu.....	2	1	Z1_
.....	uaccgcacuguggguacUgcu.....	14	1	Z1_
.....	uaccgcacuAuggguacuuugc.....	10	1	Z1_
.....	uaccgcacuguggGacuuugc.....	3	1	Z1_
.....	uaccgcacuguggGuCuuugc.....	12	1	Z1_
.....	uCccgcacuguggguacuuugc.....	4	1	Z1_
.....	uaccgcacugAgguacuuugc.....	3	1	Z1_
.....	uaccgcacugCggguacuuugc.....	13	1	Z1_
.....	uaccgcacugugUguacuuugc.....	1	1	Z1_
.....	uaccgAacuguggguacuuugc.....	1	1	Z1_
.....	uaccgcGcuguggguacuuugc.....	23	1	Z1_
.....	uUccgcacuguggguacuuugc.....	6	1	Z1_
.....	uaccgcacuguggguacuuugUu.....	42	1	Z1_
.....	uaccgcUcuguggguacuuugc.....	2	1	Z1_
.....	uaccgcacugGggguacuuugc.....	7	1	Z1_
.....	uaccgcacuguggAuacuuugc.....	10	1	Z1_
.....	uaccgcacugugguaUuugc.....	3	1	Z1_
.....	Aaccgcacuguggguacuuugc.....	9	1	Z1_
.....	uGCCgcacuguggguacuuugc.....	27	1	Z1_
.....	uaccCcacuguggguacuuugc.....	2	1	Z1_
.....	uaccgcAauggggguacuuugc.....	2	1	Z1_
.....	uacUcgcacuguggguacuuugc.....	16	1	Z1_
.....	uaccgcacugCggguacuuugc.....	1	1	Z1_
.....	.Gaccgcacuguggguacuuugc.....	2	1	Z1_
.....	uaccAcacuguggguacuuugc.....	8	1	Z1_
.....	uaccUcacuguggguacuuugc.....	2	1	Z1_
.....	uaccgcacuguggguCcuuugc.....	3	1	Z1_
.....	uaccgcacuguggguacuCgcu.....	20	1	Z1_
.....	uaccgcacugugggCacuuugc.....	12	1	Z1_
.....	uacUgcacuguggguacuuugc.....	13	1	Z1_
.....	uaccgcacugugAguacuuugc.....	10	1	Z1_
.....	uaccgcacuguggguacAugcu.....	5	1	Z1_
.....	uaccgcgaUuguggguacuuugc.....	9	1	Z1_
.....	uaccgcacugAgggguacuuugc.....	1	1	Z1_
.....	uaccgcacuguggUuacuuugc.....	2	1	Z1_
.....	uaGcgcacuguggguacuuugc.....	1	1	Z1_
.....	uaccgcacuguggguacuuugcC.....	422	1	Z1_
.....	uaccgcacugugguaAuuugc.....	1	1	Z1_
.....	uaccgcacuguggguacuGgcu.....	1	1	Z1_
.....	Caccgcacuguggguacuuugc.....	21	1	Z1_
.....	uaccgcacuguggguacuuAcu.....	7	1	Z1_
.....	uaccgcacuguggguUcuuugc.....	3	1	Z1_
.....	uaccgcacuguggguacuuugAu.....	3	1	Z1_
.....	uaccgcacuguggguacuAgcu.....	2	1	Z1_
.....	uaccgcacuguggChacuuugc.....	2	1	Z1_
.....	uaccgcacCguggguacuuugc.....	35	1	Z1_
.....	uacAgcacuguggguacuuugc.....	3	1	Z1_
.....	uaccgcacuguggguacuuugcA.....	16	1	Z1_
.....	uaccgcacuguggguacuuugcU.....	7	1	Z1_
.....	uaccgcacuguggguacuuugcug.....	7	0	Z1_
.....	uaccgcacuguggguacuuugcugU.....	22	1	Z1_
.....	uaccgcacuguggguacuuugcugA.....	6	1	Z1_
.....	uaccgcacuguggguacuuugcugc.....	1	0	Z1_
.....	uaccgcacuguggguacuuugcugAu.....	1	1	Z1_
.....	uaccgcacuguggguacuuugcugUu.....	1	1	Z1_
.....	accgcacuguggguacuu.....	3	0	Z1_

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccggugcuacccgacuguggguacuuugcugcuccaggcagg

.....	accgcacuguggguacuug	12	0	Z1-
.....	.accgcacCgggguacuug	1	1	Z1-
.....	.accgcacuguggguacuugG	1	1	Z1-
.....	.accgcacugCggguacuugc	1	1	Z1-
.....	.accgcacuguggguacuugc	99	0	Z1-
.....	.accgcacugAggguacuugc	1	1	Z1-
.....	.accgcacuguggguacuuAc	1	1	Z1-
.....	.Gccgcacuguggguacuugc	2	1	Z1-
.....	.accgcacuguggguacuugA	5	1	Z1-
.....	.accgcacuguggguacuugc	1	1	Z1-
.....	.accgcacuguggguacuugU	18	1	Z1-
.....	.accgcacuguggAuacuugcu	3	1	Z1-
.....	.Gccgcacuguggguacuugcu	4	1	Z1-
.....	.accgoGcuguggguacuugcu	2	1	Z1-
.....	.accgcacuguggguacuugcu	1	1	Z1-
.....	.accgcacugAggguacuugcu	1	1	Z1-
.....	.accgcacuguggguacuugGu	1	1	Z1-
.....	.accgcacuguggguacuugcC	61	1	Z1-
.....	.accgcacCgggguacuugcu	2	1	Z1-
.....	.accgcacuguggguAuuugcu	1	1	Z1-
.....	.accgcacUuguggguacuugcu	2	1	Z1-
.....	.accgcacuguggguacuugcG	2	1	Z1-
.....	.Uccgcacuguggguacuugcu	2	1	Z1-
.....	.accgcacuguggguacuugU	5	1	Z1-
.....	.accgcacuguggguacuugA	28	1	Z1-
.....	.accgcacuAuggguacuugcu	1	1	Z1-
.....	.accgcacuguggguacuAgcu	2	1	Z1-
.....	.acUgcacuguggguacuugcu	1	1	Z1-
.....	.accgcacuguggguacuugcu	1	1	Z1-
.....	.accgcacuguggguacuugcu	521	0	Z1-
.....	.accgcacugAggguacuugcu	3	1	Z1-
.....	.Cccgcacuguggguacuugcu	1	1	Z1-
.....	.accgcacuguggguacuAuggcu	1	1	Z1-
.....	.Uccgcacuguggguacuugcug	2	1	Z1-
.....	.accgcacuguggguacuugcuU	3	1	Z1-
.....	.accgcUcgacuguggguacuugcug	1	1	Z1-
.....	.accgcCcuguggguacuugcug	1	1	Z1-
.....	.accgcacugGggguacuugcug	1	1	Z1-
.....	.accgcacuguggguacuugcug	53	0	Z1-
.....	.accgcacuguggguacuugU	1	1	Z1-
.....	.accgcacuguggguacuugcuA	5	1	Z1-
.....	.accgcacuguggguGcuuugcug	1	1	Z1-
.....	.accgcacuguggguacuugcugU	37	1	Z1-
.....	.accgcacuguggguacuugcugc	3	0	Z1-
.....	.accgcacuguggguacuugcugA	24	1	Z1-
.....	.accgcacuguggguacuugcugG	1	1	Z1-
.....	.accgcacuguggguacuugcA	2	1	Z1-
.....	.accgcacuguggguacuugcugU	3	1	Z1-
.....	.ccgcacuguggguacuuA	7	1	Z1-
.....	.ccgoaUuguggguacuug	1	1	Z1-
.....	.cUgcacuguggguacuug	1	1	Z1-
.....	.ccgcacugAggguacuug	1	1	Z1-
.....	.ccgcacuguggAuacuug	1	1	Z1-
.....	.Ucgacacuguggguacuug	2	1	Z1-
.....	.ccgcacacuguggguacuug	147	0	Z1-
.....	.ccgcacacuguggguacuCG	1	1	Z1-
.....	.cAgcacuguggguacuug	1	1	Z1-
.....	.ccgcacacuguggguacuU	1	1	Z1-
.....	.Gcgacacuguggguacuugc	1	1	Z1-
.....	.Acgcacacuguggguacuugc	5	1	Z1-
.....	.ccgcGcuguggguacuugc	11	1	Z1-
.....	.ccgcacacuguggguacuugc	4	1	Z1-
.....	.ccgcacacuguggguacuugc	6	1	Z1-
.....	.ccgcacacuguggguacuugc	7	1	Z1-
.....	.ccgUacacuguggguacuugc	3	1	Z1-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccgguaucacgacuguggguacuugcuccaggcagg

.....ccgcacuguggguacuAgc.....	2	1	Z1-
.....ccgcacuguggguacuAucugc.....	7	1	Z1-
.....ccgcUcguggguaucuugc.....	3	1	Z1-
.....ccgcacuguggguacAugc.....	1	1	Z1-
.....ccgcacuguggguacuGgc.....	2	1	Z1-
.....ccgcAauguggguacuugc.....	1	1	Z1-
.....ccgcacuguggguacuugc.....	1750	0	Z1-
.....ccgcacuguggguacuuAc.....	1	1	Z1-
.....ccgcacugGggguacuugc.....	1	1	Z1-
.....ccAcacuguggguacuugc.....	2	1	Z1-
.....ccgcacugugGUacuugc.....	1	1	Z1-
.....ccgcacuJuguggguacuugc.....	3	1	Z1-
.....ccgcacuguggguGcuugc.....	6	1	Z1-
.....ccgcacuguggguacuuUc.....	1	1	Z1-
.....ccgcacuguggguauuugc.....	2	1	Z1-
.....ccgcacugugggCacuugc.....	4	1	Z1-
.....ccgcacuguggUuacuugc.....	2	1	Z1-
.....ccgcacuguggguacuugU.....	305	1	Z1-
.....AAGcacuguggguacuugc.....	1	1	Z1-
.....ccgcacuguggguacuugA.....	90	1	Z1-
.....Ucgcacuguggguacuugc.....	2	1	Z1-
.....ccgcacAugggguaucuugc.....	2	1	Z1-
.....ccgcacuguAggguacuugc.....	1	1	Z1-
.....ccgcacugCggguacuugc.....	2	1	Z1-
.....ccUcacuguggguacuugc.....	1	1	Z1-
.....ccgcacugugAguaucuugc.....	1	1	Z1-
.....cUgcacuguggguacuugc.....	4	1	Z1-
.....ccUcacuguggguacuugcu.....	1	1	Z1-
.....ccgGacuguggguacuugcu.....	4	1	Z1-
.....ccgcacuguggguCcugucu.....	2	1	Z1-
.....ccgcacuguggUuacuugcu.....	2	1	Z1-
.....ccgcacuguggguacuugcC.....	1441	1	Z1-
.....ccgcacuguggguacuAgcu.....	12	1	Z1-
.....ccgcacugugAguaucuugcu.....	28	1	Z1-
.....ccgcacuguggguacuugcu.....	16157	0	Z1-
.....ccgcacuguggguAuuugcu.....	5	1	Z1-
.....ccgcacuguggguacuAku.....	28	1	Z1-
.....ccgcacuguggguacuGgcu.....	4	1	Z1-
.....ccgcacuguggguacuCgcu.....	43	1	Z1-
.....cUgcacuguggguacuugcu.....	36	1	Z1-
.....ccgcacuUuggguacuugcu.....	5	1	Z1-
.....ccgcacugugGUacuugcu.....	6	1	Z1-
.....ccgcacuguggguGcuugcu.....	48	1	Z1-
.....ccgcacAugggguaucuugcu.....	16	1	Z1-
.....ccgcacuguggggGacuugcu.....	5	1	Z1-
.....ccgcCcuguggguacuugcu.....	7	1	Z1-
.....ccgcacuguggguGuugcu.....	1	1	Z1-
.....ccgcacugCggguacuugcu.....	79	1	Z1-
.....ccgcacugugggAacuugcu.....	7	1	Z1-
.....ccgcacuguggguacuugAu.....	6	1	Z1-
.....ccgcacGguggguacuugcu.....	2	1	Z1-
.....ccgcacuguggguacugcu.....	64	1	Z1-
.....ccgcacCguggguacuugcu.....	75	1	Z1-
.....ccgcacugAggguaucuugcu.....	21	1	Z1-
.....ccgAacuguggguacuugcu.....	3	1	Z1-
.....ccgcacuguggguUcuugcu.....	4	1	Z1-
.....ccgcacugugCguacuugcu.....	1	1	Z1-
.....ccAcacuguggguacuugcu.....	22	1	Z1-
.....ccgcacuguggguacuuCcu.....	1	1	Z1-
.....Acgcacuguggguacuugcu.....	19	1	Z1-
.....ccgcacuAuggguacuugcu.....	27	1	Z1-
.....ccgcacuguggguacuugGu.....	1	1	Z1-
.....ccCcacuguggguacuugcu.....	11	1	Z1-
.....ccgcGcuguggguacuugcu.....	58	1	Z1-
.....ccgcacuguggguacuugU.....	24	1	Z1-
.....ccgcacugGggguacuugcu.....	16	1	Z1-
.....ccgUacuguggguacuugcu.....	20	1	Z1-
.....AAGcacuguggguacuugcu.....	7	1	Z1-
.....ccgcacugUggguacuugcu.....	2	1	Z1-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccggugcuacccgacuguggguacuuugcugcuccaggcagg

.....	.Ggcacuguggguacuugcu.....	3	1	Z1-
.....	.Gcgacacuguggguacuugcu.....	9	1	Z1-
.....	.ccgcacacugCgguacuugcu.....	1	1	Z1-
.....	.ccgcacuguggguacuugcG.....	96	1	Z1-
.....	.ccgcacuguggguacGugcu.....	4	1	Z1-
.....	.ccgcacuguggAuacuugcu.....	22	1	Z1-
.....	.ccgcUcuguggguacuugcu.....	5	1	Z1-
.....	.ccgcacuguggguacuuUcu.....	4	1	Z1-
.....	.ccgcacuguggguacuugcA.....	537	1	Z1-
.....	.ccgcaUuguggguacuugcu.....	19	1	Z1-
.....	.ccgcacacugAgguacuugcu.....	13	1	Z1-
.....	.ccgcacuguggCacuugcu.....	43	1	Z1-
.....	.ccgcacuguggguacAugcu.....	11	1	Z1-
.....	.Ucgcacuguggguacuugcu.....	58	1	Z1-
.....	.ccgcaAuguggguacuugcu.....	2	1	Z1-
.....	.ccgcacuguggguauuggcu.....	28	1	Z1-
.....	.ccgcacAguggguacuugcug.....	2	1	Z1-
.....	.ccgcacugugUguacuugcug.....	3	1	Z1-
.....	.ccgcacuguggguacuugcA.....	4	1	Z1-
.....	.ccgcacCguggguacuugcug.....	21	1	Z1-
.....	.ccgcacugugggGacuugcug.....	2	1	Z1-
.....	.ccgcacuguggAuacuugcug.....	2	1	Z1-
.....	.ccgcacuguggguCcuugcug.....	2	1	Z1-
.....	.ccgcUcuguggguacuugcug.....	3	1	Z1-
.....	.ccgcacuguggguacuugGug.....	1	1	Z1-
.....	.ccgcacugUgguacuugcug.....	1	1	Z1-
.....	.ccgcacuguggguacuugcug.....	4563	0	Z1-
.....	.ccgcacuguggguacGugcug.....	1	1	Z1-
.....	.ccgUacuguggguacuugcug.....	2	1	Z1-
.....	.cGgcacuguggguacuugcug.....	1	1	Z1-
.....	.ccgcacuguggguacuugcA.....	235	1	Z1-
.....	.ccgcacugCgguacuugcug.....	21	1	Z1-
.....	.ccgcacugugggCacuugcug.....	15	1	Z1-
.....	.Ucgcacuguggguacuugcug.....	9	1	Z1-
.....	.ccgcaAuguggguacuugcug.....	1	1	Z1-
.....	.ccgcacuguggguacuugAug.....	4	1	Z1-
.....	.ccgcacuguggguUcuugcug.....	2	1	Z1-
.....	.ccgcacuguggguacuugUug.....	9	1	Z1-
.....	.ccgcacuguggguacuugcU.....	21	1	Z1-
.....	.ccgcacuguggguacuugcG.....	27	1	Z1-
.....	.ccgcaUuguggguacuugcug.....	3	1	Z1-
.....	.ccgcacugGggguacuugcug.....	4	1	Z1-
.....	.ccgcacuguggguacuCgcug.....	20	1	Z1-
.....	.cUgcacuguggguacuugcug.....	10	1	Z1-
.....	.ccAcacuguggguacuugcug.....	10	1	Z1-
.....	.ccgcacuguggguauuggcug.....	5	1	Z1-
.....	.ccgcacuguggUacuugcug.....	1	1	Z1-
.....	.ccgcacuAuggguacuugcug.....	4	1	Z1-
.....	.ccUacacuguggguacuugcug.....	3	1	Z1-
.....	.ccgcacuguggguacuuCcug.....	1	1	Z1-
.....	.ccgcGcguguggguacuugcug.....	18	1	Z1-
.....	.Acgcacuguggguacuugcug.....	4	1	Z1-
.....	.ccgcacuguggguacuGgcug.....	1	1	Z1-
.....	.ccgcacuguggguAuuggcug.....	2	1	Z1-
.....	.ccgcacugAgggguacuugcug.....	6	1	Z1-
.....	.ccgcacuguggguacuugcU.....	4	1	Z1-
.....	.ccgcacuUuggguacuugcug.....	1	1	Z1-
.....	.AAGcacuguggguacuugcug.....	2	1	Z1-
.....	.ccgcacuguggguacuAgcug.....	4	1	Z1-
.....	.ccgcCcuguggguacuugcug.....	2	1	Z1-
.....	.ccgcacuguggguacCugcug.....	22	1	Z1-
.....	.ccgcacuguggguacuAcug.....	4	1	Z1-
.....	.ccgcacuguggguGcuugcug.....	15	1	Z1-
.....	.ccgcacugAgguacuugcug.....	6	1	Z1-
.....	.ccgcacugAgguacuugcug.....	3	1	Z1-
.....	.ccgcacuguggguacCugcugc.....	1	1	Z1-
.....	.ccAcacuguggguacuugcugc.....	1	1	Z1-
.....	.ccgcacuguggguacuugcugc.....	1	1	Z1-
.....	.ccgcaUuguggguacuugcugc.....	1	1	Z1-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagaaagugguccucuccgguacccgacugggguacuuugcugguccgagg

.....ccgcacuguggguacuugcugA.....	331	1	Z1-
.....ccgcacuguggguacuugcugC.....	412	0	Z1-
.....ccgcacuguggguacuugcugU.....	506	1	Z1-
.....ccgcacugugggu <u>U</u> cuugcugC.....	1	1	Z1-
.....UcgacacuguggguacuugcugC.....	3	1	Z1-
.....ccgcacuguggguacuug <u>U</u> ugc.....	1	1	Z1-
.....ccgcacuguggguacuugcugG.....	18	1	Z1-
.....AcgcacuguggguacuugcugC.....	1	1	Z1-
.....ccgAacacuguggguacuugcugC.....	1	1	Z1-
.....ccgcGcgacuguggguacuugcugC.....	1	1	Z1-
.....ccgcacuguggguacu <u>C</u> gcugC.....	2	1	Z1-
.....ccgcacuguggguacu <u>u</u> CcugC.....	4	1	Z1-
.....ccgUacacuguggguacuugcugC.....	3	1	Z1-
.....ccgcacuguggguacuug <u>C</u> gc.....	2	1	Z1-
.....ccgcacug <u>C</u> ggguacuugcugC.....	1	1	Z1-
.....ccgcac <u>C</u> ggggguacuugcugC.....	1	1	Z1-
.....ccgcacugGggguacuugcugC.....	1	1	Z1-
.....ccgcacuguggguacuugcugGu.....	4	1	Z1-
.....ccgcac <u>C</u> ggggguacuugcugCu.....	1	1	Z1-
.....ccgcacuguggguacuugcugA.....	640	1	Z1-
.....ccgcacuguggguacuugcugC.....	15	1	Z1-
.....ccgcacugugg <u>C</u> acuugcugCu.....	1	1	Z1-
.....UcgacacuguggguacuugcugCu.....	3	1	Z1-
.....ccgcacug <u>A</u> ggguacuugcugCu.....	2	1	Z1-
.....ccgUacacuguggguacuugcugCu.....	1	1	Z1-
.....ccgcacuguggguacuugcugCu.....	230	0	Z1-
.....cGgcacacuguggguacuugcugCu.....	1	1	Z1-
.....ccgcacuguggguacuugcug <u>U</u> .....	79	1	Z1-
.....ccgcacug <u>C</u> ggguacuugcugCu.....	1	1	Z1-
.....ccgcacuguggguacu <u>C</u> gcugCu.....	1	1	Z1-
.....ccgcacuguggguacuug <u>C</u> gc.....	12	1	Z1-
.....ccgcacuguggguacuugcug <u>A</u> .....	14	1	Z1-
.....ccgcacuguggguacuugcug <u>C</u> .....	2	0	Z1-
.....ccgcacuguggguacuugcug <u>A</u> .....	1	1	Z1-
.....ccgcacuguggguacuugcug <u>U</u> .....	9	1	Z1-
.....ccgcacuguggguacuugcug <u>G</u> .....	3	0	Z1-
.....ccgcacuguggguacuug <u>G</u> .....	1	1	Z1-
.....ccgcacuguggguacuug <u>C</u> .....	21	0	Z1-
.....ccgcacug <u>C</u> ggguacuugcug.....	1	1	Z1-
.....ccgcacuguggguacuugcug <u>C</u> .....	1	0	Z1-
......gcacuguggguacuug <u>C</u> .....	1	0	Z1-
.....uaaagugcugacagugcag.....	1	0	Z3-
.....uaaagug <u>U</u> ugacagugcaga.....	2	1	Z3-
.....uaaagugcugacagugc <u>G</u> ga.....	2	1	Z3-
.....uaaagugcugacagug <u>G</u> .....	4	1	Z3-
.....uaaagugcugacagug <u>U</u> ga.....	46	1	Z3-
.....uaaagugcugac <u>G</u> gugcaga.....	1	1	Z3-
.....uaaagugcugacagug <u>C</u> ga.....	3	1	Z3-
.....uaaagugcugacagugcaga.....	167	0	Z3-
.....uaaagug <u>A</u> acagugcaga.....	1	1	Z3-
.....uaaagug <u>U</u> ugacagugcaga.....	2	1	Z3-
.....uaaagugcugaca <u>A</u> ugcaga.....	1	1	Z3-
.....u <u>U</u> aaagugcugacagugcaga.....	1	1	Z3-
.....uaaagugcugacagug <u>A</u> .....	3	1	Z3-
.....uaaagugcugacagug <u>C</u> .....	2	1	Z3-
.....uaaGgugcugacagugcaga <u>U</u> .....	1	1	Z3-
.....uaaagugcugacagug <u>G</u> .....	33	0	Z3-
.....uaaagugc <u>G</u> acagugcaga <u>U</u> .....	2	1	Z3-
.....uaaagugcugacagug <u>G</u> .....	1	1	Z3-
.....uaaagugcugacagug <u>U</u> gau.....	4	1	Z3-
.....uaaagugcugacagug <u>U</u> gau.....	27	0	Z3-
.....uaaagugcugacagug <u>U</u> gau.....	1	1	Z3-
.....uaaagugcugacagug <u>U</u> gau.....	3	1	Z3-
.....uaaagugcugacagug <u>U</u> gau.....	8	1	Z3-
.....uaaagugcugac <u>U</u> gugcaga <u>U</u> .....	1	1	Z3-
.....uaaGgugcugacagug <u>U</u> gau.....	1	1	Z3-
.....uaaagugcugacagug <u>U</u> gau.....	4	0	Z3-
.....uaaGgugcugacagug <u>U</u> gau.....	2	1	Z3-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagaua	gugguccucucggugcuac	cgcacuguggguacuugcugc	uccaggagg			
.....uaaagugcugacagugcagaua <u>U</u> .....	.....	3	1	Z3-		
.....uaaagugcugacagugcagaua <u>A</u> .....	.....	1	1	Z3-		
.....uGaagugcugacagugcagauagu.....	.....	1	1	Z3-		
.....uaaagugcugacagugcagGuagu.....	.....	1	1	Z3-		
.....uaccgcacuguggguacu.....	.....	2	0	Z3-		
.....uaccgcacugugg <u>U</u> acu.....	.....	1	1	Z3-		
.....uaccgcacugugg <u>C</u> .....	.....	1	1	Z3-		
.....uaUcgcacuguggguacuu.....	.....	1	1	Z3-		
.....uaccgcacuguggguacu <u>C</u> .....	.....	1	1	Z3-		
.....uaccgcacuguggguacuu.....	.....	34	0	Z3-		
.....uaccgcacuguggguGcuu.....	.....	1	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> ng.....	.....	15	0	Z3-		
.....uaccCcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacug <u>G</u> ggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gA.....	.....	8	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc.....	.....	3	1	Z3-		
.....uaccgcacuguggguacuu <u>u</u> g.....	.....	10	1	Z3-		
.....uaccgcacugugg <u>C</u> aciu <u>u</u> g.....	.....	2	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc.....	.....	71	0	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccg <u>U</u> acuguggguacu <u>u</u> gc.....	.....	3	1	Z3-		
.....uaccgcacuguggguGcui <u>u</u> gc.....	.....	4	1	Z3-		
.....uaccgcacug <u>A</u> ggguacu <u>u</u> gc.....	.....	3	1	Z3-		
.....uaccgcacug <u>A</u> ggguacu <u>u</u> gc.....	.....	2	1	Z3-		
.....uaccgcacugugggu <u>U</u> uug <u>u</u> gc.....	.....	4	1	Z3-		
.....uaccgc <u>G</u> cuguggguacu <u>u</u> gc.....	.....	6	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gcA.....	.....	90	1	Z3-		
.....uaccgcacug <u>G</u> ggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacugugggu <u>A</u> cu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacugugggu <u>A</u> cu <u>u</u> gc.....	.....	167	1	Z3-		
.....uaccgcacugugg <u>G</u> aciu <u>u</u> gc.....	.....	2	1	Z3-		
.....uaccgcacug <u>G</u> ggguacu <u>u</u> gc.....	.....	8	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacugugggu <u>A</u> cu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaAcgcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uCccgcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....u <u>G</u> ccgcacuguggguacu <u>u</u> gc.....	.....	5	1	Z3-		
.....uaUcgcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc.....	.....	1644	0	Z3-		
.....u <u>U</u> ccgcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcac <u>A</u> ggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> Acu.....	.....	4	1	Z3-		
.....uaccgcacug <u>A</u> guacu <u>u</u> gc.....	.....	3	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> u.....	.....	1	1	Z3-		
.....uaccgcacuguggguac <u>u</u> acu.....	.....	8	1	Z3-		
.....uaccgcacuguggguac <u>u</u> acu.....	.....	1	1	Z3-		
.....uaccgcacuguggguac <u>u</u> acu.....	.....	1	1	Z3-		
.....uaccgcacuguggguac <u>u</u> acu.....	.....	1	1	Z3-		
.....uaccgcacuguggguac <u>u</u> acu.....	.....	25	1	Z3-		
.....uaccgc <u>a</u> Uuguggguacu <u>u</u> gc.....	.....	5	1	Z3-		
.....uaccgcac <u>A</u> uggguacu <u>u</u> gc.....	.....	3	1	Z3-		
.....uaccgcac <u>C</u> uggguacu <u>u</u> gc.....	.....	7	1	Z3-		
.....uaccgcacugugggu <u>C</u> uu <u>u</u> gc.....	.....	1	1	Z3-		
.....uaccCoacuguggguacu <u>u</u> gc.....	.....	1	1	Z3-		
.....uacUgcacuguggguacu <u>u</u> gc.....	.....	6	1	Z3-		
.....Caccgcacuguggguacu <u>u</u> gc.....	.....	6	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc <u>C</u> .....	.....	9	1	Z3-		
.....uaccAcacuguggguacu <u>u</u> gc.....	.....	2	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc <u>G</u> .....	.....	6	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc <u>G</u> .....	.....	4	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc <u>G</u> .....	.....	1	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc <u>G</u> .....	.....	19	1	Z3-		
.....uaccgcacuguggguacu <u>u</u> gc <u>A</u> .....	.....	1	1	Z3-		
.....accgcacuguggguacuu.....	.....	1	0	Z3-		
.....accgcacuguggguacuug.....	.....	4	0	Z3-		
.....accgcacuguggguacu <u>u</u> gc.....	.....	10	0	Z3-		
.....accgcacuguggguacuu <u>u</u> g.....	.....	4	1	Z3-		
.....accgcacuguggguacuu <u>u</u> A.....	.....	2	1	Z3-		
.....Uccgcacuguggguacu <u>u</u> gc.....	.....	2	1	Z3-		

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagaauagugguccucucggugcuacccgacuguggguacuugcugcuccaggcagg

.....accgcacUuguggguacuugcu.....	1	1	Z3-
.....accgcacCggggguacuugcu.....	1	1	Z3-
.....accgcacuguggguGcuugcu.....	1	1	Z3-
.....accgcacuguggguacuugcuCgcu.....	3	1	Z3-
.....accgcacuguggguacuugcuAUGC.....	2	1	Z3-
.....accgcacuguggguacuugcC.....	22	1	Z3-
.....accgcacuguggguacuugcA.....	5	1	Z3-
.....accgcacuguggguacuugcUGcu.....	2	1	Z3-
.....Cccgcacuguggguacuugcu.....	1	1	Z3-
.....accgcacuguggguacuugcu.....	189	0	Z3-
.....Gccgcacuguggguacuugcu.....	1	1	Z3-
.....accgcacuguggguacuugU.....	4	1	Z3-
.....accgcacuguggguacuugcG.....	1	1	Z3-
.....accgcacuguggguacuugcug.....	5	0	Z3-
.....Gccgcacuguggguacuugcug.....	1	1	Z3-
.....accgcacuguggguacuugcUA.....	1	1	Z3-
.....accgcacuguggguacuugcU.....	1	1	Z3-
.....accgcacuguggguacuugcUG.....	5	0	Z3-
.....accgcacuguggguacuugcUG.....	7	1	Z3-
.....accgcacuguggguacuugcUGU.....	1	1	Z3-
.....accgcacuguggguacuugcUGU.....	2	1	Z3-
.....ccgcacuguggguacuug.....	46	0	Z3-
.....ccgcacuguggguacuUA.....	2	1	Z3-
.....ccgcacuguggguacuugU.....	66	1	Z3-
.....ccgUacuguggguacuugc.....	1	1	Z3-
.....ccgcacuguggguacuugc.....	282	0	Z3-
.....ccgcGcuguggguacuugc.....	3	1	Z3-
.....ccgcacuguAGggguacuugc.....	1	1	Z3-
.....ccgcacuguggguacuugcAUGC.....	3	1	Z3-
.....ccgcacugugGUacuugc.....	2	1	Z3-
.....ccgcacuguggggCacuugc.....	1	1	Z3-
.....ccAcacuguggguacuugc.....	1	1	Z3-
.....cAgcacuguggguacuugc.....	1	1	Z3-
.....cUgcacuguggguacuugc.....	1	1	Z3-
.....ccgcacuguggguacuugcUGc.....	3	1	Z3-
.....ccgcacugugGUacuugc.....	1	1	Z3-
.....ccgcacuguggguacuugcA.....	12	1	Z3-
.....ccgcacuguggGUacuugc.....	2	1	Z3-
.....ccgcacuguggguacuugcCgc.....	1	1	Z3-
.....Ucgcacuguggguacuugcu.....	12	1	Z3-
.....ccgcacuguUggguacuugcu.....	3	1	Z3-
.....ccgcacacGggggguacuugcu.....	1	1	Z3-
.....ccgcacugCggggguacuugcu.....	17	1	Z3-
.....cAgcacuguggguacuugcu.....	3	1	Z3-
.....ccgcacuguggguacuugcAUGC.....	2	1	Z3-
.....ccgcacuguggggGacuugcu.....	1	1	Z3-
.....ccgcacuguggguacuugU.....	20	1	Z3-
.....ccgcacuCggggguacuugcu.....	1	1	Z3-
.....ccgcCcuguggguacuugcu.....	1	1	Z3-
.....ccgcacuguggguacuugcu.....	2	1	Z3-
.....ccgcacuguggguacuugAU.....	1	1	Z3-
.....ccgcacuguggguacuugCU.....	2	1	Z3-
.....ccgcacuguggguacuugcGcu.....	20	1	Z3-
.....ccgcacuguggggCacuugcu.....	7	1	Z3-
.....ccgcacuguggguacuugcA.....	243	1	Z3-
.....ccgcacuguggguacuugcu.....	4678	0	Z3-
.....Acgcacuguggguacuugcu.....	3	1	Z3-
.....ccgcacugGggggguacuugcu.....	3	1	Z3-
.....Gcgcacuguggguacuugcu.....	1	1	Z3-
.....ccgUacuguggguacuugcu.....	5	1	Z3-
.....ccgcUcuugggguacuugcu.....	6	1	Z3-
.....ccAcacuguggguacuugcu.....	11	1	Z3-
.....ccgcacugAGggguacuugcu.....	3	1	Z3-
.....ccgcacuAUGggguacuugcu.....	7	1	Z3-
.....ccgcacuguggguacuugcU.....	10	1	Z3-
.....ccgcacuguggguacuugGu.....	2	1	Z3-
.....ccgcacuguggguacuugcC.....	466	1	Z3-
.....cUgcacuguggguacuugcu.....	4	1	Z3-
.....ccgcacUuguggguacuugcu.....	5	1	Z3-

**hsa-miR-106b-5p**

**hsa-miR-106b-3p**

ccugccggggcuaaagugcugacagugcagauagugguccucuccggugcuacccgacuguggguacuuugcugcuccaggcagg

.....ccgcacuguggguacCugcu.....	11	1	Z3-
.....ccgGacuguggguacuuugcu.....	2	1	Z3-
.....ccgcacuguggCuacuuugcu.....	1	1	Z3-
.....ccgcGcgugggguacuuugcu.....	20	1	Z3-
.....ccgcacAguuggguacuuugcu.....	1	1	Z3-
.....ccgcacugugAguacuuugcu.....	12	1	Z3-
.....ccgcacuguggguacuAgcu.....	3	1	Z3-
.....ccgcacuguggguacuuugcG.....	39	1	Z3-
.....ccgcacuguggAuacuuugcu.....	7	1	Z3-
.....ccgcacugugUguacuuugcu.....	3	1	Z3-
.....ccgcacuguggguauuugcu.....	11	1	Z3-
.....ccgcacuguggguCuuuugcu.....	6	1	Z3-
.....ccgcacCguggguacuuugcu.....	19	1	Z3-
.....ccgcacuguggguacuuUcu.....	1	1	Z3-
.....ccgcacuguggUuacuuugcu.....	2	1	Z3-
.....ccgcacuguggguacuGgcu.....	1	1	Z3-
.....ccgcacuguAguacuuugcu.....	7	1	Z3-
.....ccgcGcuguggguacuuugcug.....	6	1	Z3-
.....ccgcacuguggguacuuugcuA.....	57	1	Z3-
.....ccgcacuguggguacCugcug.....	6	1	Z3-
.....ccgcacuguggguacAuggcug.....	2	1	Z3-
.....ccgcacugCggguacuuugcug.....	3	1	Z3-
.....ccgcacuguggguacuuUcug.....	1	1	Z3-
.....ccgcacuguggguacuuugUug.....	3	1	Z3-
.....ccgcacugAggguacuuugcug.....	2	1	Z3-
.....ccgcacuguggguacuAgcug.....	1	1	Z3-
.....ccgcacuguggAuacuuugcug.....	3	1	Z3-
.....ccgcacuguggguacuuugcuU.....	7	1	Z3-
.....ccgcacuUuggguacuuugcug.....	1	1	Z3-
.....ccgcacuguggguacuuugcAg.....	1	1	Z3-
.....ccgcacuguggguacuuugAug.....	1	1	Z3-
.....ccgcacuguggguUcuuugcug.....	1	1	Z3-
.....ccgcacugGggguacuuugcug.....	1	1	Z3-
.....ccgcacuguggguacuCgcug.....	3	1	Z3-
.....Ugcacuguggguacuuugcug.....	1	1	Z3-
.....cUgcacuguggguacuuugcug.....	2	1	Z3-
.....ccgcacuguggguacuuAkug.....	1	1	Z3-
.....ccgcacuguggguacuuugCg.....	2	1	Z3-
.....ccgcacuguggguacuuugcug.....	779	0	Z3-
.....ccgcacuguggguacuuugcuC.....	1	1	Z3-
.....ccgcacCguggguacuuugcug.....	1	1	Z3-
.....ccgcacuguggguGcuuugcug.....	1	1	Z3-
.....ccgcUcuguggguacuuugcug.....	2	1	Z3-
.....ccgcacuguggguacuuugcugU.....	139	1	Z3-
.....ccgcacUuguggguacuuugcugc.....	1	1	Z3-
.....ccgcacuguggguacuuugcugA.....	96	1	Z3-
.....ccgcacuguggguacuuugcugG.....	4	1	Z3-
.....ccgcacuguggguacuuugcugc.....	85	0	Z3-
.....ccgcacuguggguacuuugcugcu.....	62	0	Z3-
.....ccgcacuguggguacuuugcugc.....	4	1	Z3-
.....ccgcacuguggAuacuuugcugc.....	1	1	Z3-
.....ccgcacuguggguacuuugcugcG.....	5	1	Z3-
.....ccgcacuguggguacuuugcugU.....	26	1	Z3-
.....ccgcacugugAguaacuuugcugc.....	1	1	Z3-
.....ccgcacuguggguacCugcugc.....	1	1	Z3-
.....ccgcacugCggguacuuugcugc.....	1	1	Z3-
.....ccgcacuguggguacuuugcugcA.....	171	1	Z3-
.....ccgcacuguggguacuuugcugAui.....	2	1	Z3-
.....ccgcacuguggguacuuugcugcG.....	1	1	Z3-
.....ccgcacuguggguacuuugcugcU.....	3	1	Z3-
.....ccgcacuguggguacuuugcugcA.....	3	1	Z3-
.....ccgcacuguggguacuuugc.....	1	0	Z3-
.....ccgcacuguggguacuuugcu.....	3	0	Z3-
.....ccgcacCguggguacuuugcu.....	1	1	Z3-
.....gcacuguggguacuuugcu.....	1	0	Z3-