

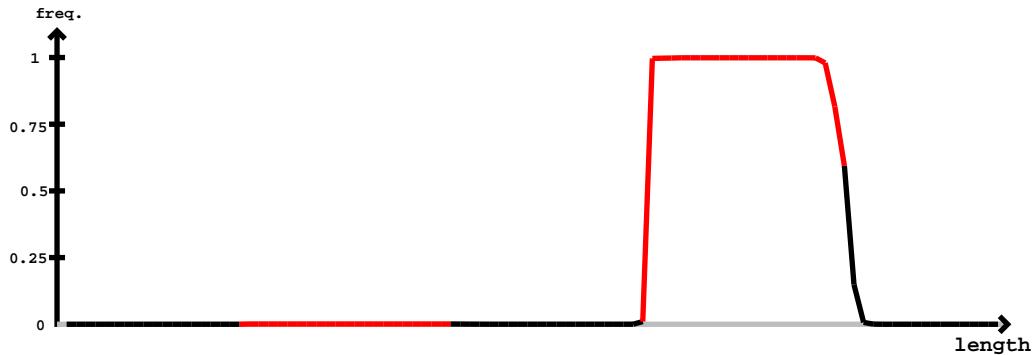
miRBase precursor : hsa-mir-27b

Total read count : 6860

hsa-miR-27b-5p read count : 6

hsa-miR-27b-3p read count : 6853

remaining reads : 1



hsa-miR-27b-5p  
hsa-miR-27b-3p

5' - accucucuaacaaggugcagagcuaagcugauuggugaacagugauugguuuccgcuuuug	- 3' exp	reads	mm	sample
((((((((.....(((((((((.....((((((.....))))))))))))))))))))....)).				
.....guucacaguggcuaaguucu.....		2	0	z1_-
.....guucacaguggcuaaguucug.....		6	0	z1_-
.....guucacaguggcuaaguucugc.....		4	0	z1_-
.....guucacaguggcuaaguucugcC.....		1	1	z1_-
.....guucacaguggcuaaguucugcU.....		1	1	z1_-
.....uucacaguggcuaaguua.....		1	1	z1_-
.....Guucacaguggcuaaguuc.....		1	1	z1_-
.....uucacaguggcuaaguuU.....		1	1	z1_-
.....uucacaguggcuaaguuc.....		15	0	z1_-
.....uucaUaguggcuaaguucu.....		1	1	z1_-
.....uucacaguggcuaaguuc.....		2	1	z1_-
.....uucacaguggcuaUguucu.....		1	1	z1_-
.....uucGcaguggcuaaguucu.....		1	1	z1_-
.....uucacaguggcuaaguucA.....		5	1	z1_-
.....uucacaguggcuaaguucG.....		1	1	z1_-
.....uCcacaguggcuaaguucu.....		2	1	z1_-
.....uucacaguggcuaaguucu.....		184	0	z1_-
.....uucacaguggcuaaguCcu.....		3	1	z1_-
.....Cucacaguggcuaaguucug.....		3	1	z1_-
.....uCcacaguggcuaaguucug.....		2	1	z1_-
.....uucacaguggcuaGguucug.....		2	1	z1_-
.....uucacaguggUuaaguucug.....		1	1	z1_-
.....Guucacaguggcuaaguucug.....		1	1	z1_-
.....uucacaguggcCaaguucug.....		1	1	z1_-
.....uucacGguggcuaaguucug.....		1	1	z1_-
.....uucacaguggcuaaguucuU.....		4	1	z1_-
.....uucacaguggcuaaguucug.....		295	0	z1_-
.....uucacaguggcuaAuuucug.....		1	1	z1_-
.....uucacaguggcuaaguucuC.....		2	1	z1_-
.....uucacaguggcuaaguucuA.....		22	1	z1_-
.....uucacaguggcuaaguucGg.....		1	1	z1_-
.....uucacaguggcuaaguCcug.....		2	1	z1_-
.....uucacaguAgcuaaguucug.....		1	1	z1_-
.....uucacaguggcuaagCucug.....		1	1	z1_-

hsa-miR-27b-5p

hsa-miR-27b-3p

accucucuaacaaggugcagagccuuagcugauuggugaacagugauugguuuccggcuuuguucacaguggcuaaguucugcaccugaagagaaggug

.....uucacagCggcuaaguucug.....	1	1	Z1_
.....uucacaguggcuaUgguucug.....	1	1	Z1_
.....uucacaguggcuaagCucugc.....	1	1	Z1_
.....uAcacaguggcuaaguucugc.....	2	1	Z1_
.....uucacagCggcuaaguucugc.....	2	1	Z1_
.....uucacaguggcAaaaguucugc.....	2	1	Z1_
.....uucacagGggcuaaguucugc.....	1	1	Z1_
.....uucacaguggcuaaguucugc.....	1	1	Z1_
.....uucacaguggcuaaguucugA.....	274	1	Z1_
.....uucacaguggcuaaguucuUc.....	2	1	Z1_
.....uucacaguggcuaAuuucugc.....	1	1	Z1_
.....uucacaguAgcuaaguucugc.....	1	1	Z1_
.....uucacaguggcuaaguucugU.....	97	1	Z1_
.....uucacGgggcuaaguucugc.....	3	1	Z1_
.....uucacUguggcuaaguucugc.....	1	1	Z1_
.....uucacaguggcuaUgguucugc.....	1	1	Z1_
.....uuucUcaguggcuaaguucugc.....	2	1	Z1_
.....uucacaguggcuaGaguucugc.....	362	0	Z1_
.....uucacaguggcuaGaguucugc.....	2	1	Z1_
.....uCcacaguggcuaaguucugc.....	3	1	Z1_
.....uucacagugCcuaaguucugc.....	1	1	Z1_
.....uucGcaguggcuaaguucugc.....	1	1	Z1_
.....Cucacaguggcuaaguucugc.....	3	1	Z1_
.....Aucacaguggcuaaguucugca.....	1	1	Z1_
.....uucacaguggcuaaguucugcC.....	11	1	Z1_
.....uucacaguggcuaaguucugcU.....	53	1	Z1_
.....uucacaguggcuaagCucugca.....	1	1	Z1_
.....uucacaguggcuaaguucugcG.....	2	1	Z1_
.....uucacaguggcuaaguucugAA.....	5	1	Z1_
.....uucacaguggcuaaguucugCgca.....	5	1	Z1_
.....uucacGgggcuaaguucugca.....	4	1	Z1_
.....uucacaguggcuaaguucugUa.....	1	1	Z1_
.....uucacaguggcuaaguCcugca.....	1	1	Z1_
.....uucacaguggcuaaguucugGa.....	5	1	Z1_
.....uucacaguggcuaaguucugca.....	142	0	Z1_
.....Cucacaguggcuaaguucugca.....	2	1	Z1_
.....uucacaguggcuaaguucugcaA.....	10	1	Z1_
.....uucacaguggcuaaguucugcaU.....	3	1	Z1_
.....uucacaguggcuaaguucugcaUc.....	2	1	Z1_
.....ucacaguggcuaaguucugc.....	1	0	Z1_
.....Uacaguggcuaaguucugc.....	4	1	Z1_
 .....agagccuuagcugauuggugaac.....	1	0	GDM
.....agagccuuagcugauuggugaaca.....	2	0	GDM
.....agGccuuagcugauuggugaaca.....	1	1	GDM
.....agagccuuagcugauuggugaacag.....	1	0	GDM
.....gugauugguuuccggcuuug.....	1	0	GDM
.....guuucacaguggcuaaguui.....	1	0	GDM
.....guuucacaguggcuaaguucu.....	7	0	GDM
.....guuucacaguggcuaaguucu.....	7	0	GDM
.....guuucacaguggcuaaguucug.....	6	0	GDM
.....guuucacaguggcuaaguucugA.....	5	1	GDM
.....guuucacaguggcuaaguucugc.....	11	0	GDM
.....guuucacaguggcuaaguucugc.....	11	0	GDM
.....guuucacaguggcuaaguucugc.....	11	0	GDM
.....guuucacaguggcuaaguucugc.....	11	0	GDM
.....guuucacaguggcuaaguucugU.....	4	1	GDM
.....guuucacaguggcuaaguucugU.....	4	1	GDM
.....guuucacaguggcuaaguucugA.....	5	1	GDM
.....guuucacaguggcuaaguucugcU.....	2	1	GDM
.....uucacaguggcuaaguuiA.....	5	1	GDM
.....uucacaguggcuaaguuiU.....	9	1	GDM
.....uCcacaguggcuaaguuc.....	2	1	GDM
.....uucacaguggcuaaguui.....	62	0	GDM
.....uucacaguggcuaaguuiA.....	5	1	GDM
.....uucacaguggcuaaguuc.....	62	0	GDM
.....uucacaguggcuaaguuiU.....	9	1	GDM
.....uucacaguggcuaaguuiA.....	5	1	GDM
.....uucacaguggcuaaguuc.....	62	0	GDM

**hsa-miR-27b-5p**

**hsa-miR-27b-3p**

accucucuaacaaggugcagagccuuagcugauuggugaacagugauuugguuuccggcuuuuguucacaguggcuaaguucugaccugaagagaaggug

.....uucacaguggcuaCaguucu.....	2	1	GDM
.....uuCGcaguggcuaaguucu.....	4	1	GDM
.....uucacaguggcuaÜguucu.....	2	1	GDM
.....uucacaguggcuaaguucA.....	22	1	GDM
.....uucacaguggcuaÜguucu.....	2	1	GDM
.....Aucacaguggcuaaguucu.....	1	1	GDM
.....uucacaguggcuaaguAcu.....	1	1	GDM
.....uucacaguggcuaaguucG.....	5	1	GDM
.....uuUacacaguggcuaaguucu.....	1	1	GDM
.....uucacaguggcuaaguCcu.....	3	1	GDM
.....uucacaguggcuaaguucu.....	499	0	GDM
.....uuCGcaguggcuaaguucu.....	4	1	GDM
.....uucaUaguggcuaaguucu.....	3	1	GDM
.....uucacaguÜgcuaaguucu.....	1	1	GDM
.....uucacagAggcuaaguucu.....	4	1	GDM
.....uucacaguggcuaaaguucu.....	499	0	GDM
.....uuCACGguggcuaaguucu.....	5	1	GDM
.....uucacaguggCcaguucu.....	1	1	GDM
.....uCcacaguggcuaaguucu.....	4	1	GDM
.....uucacaguggcuaaagCucu.....	3	1	GDM
.....uucacaguÄgcuaaguucu.....	3	1	GDM
.....uucacaguggÜuaaguucu.....	1	1	GDM
.....uucacaguggcuaaguucu.....	499	0	GDM
.....Gucacaguggcuaaguucu.....	1	1	GDM
.....uucacaguggcuaaguGcu.....	2	1	GDM
.....uuCGcaguggcuaaguucu.....	4	1	GDM
.....uucacaguggcuaaaÄuuucu.....	1	1	GDM
.....uCcacaguggcuaaguucu.....	4	1	GDM
.....uucacaguggcuaaguucA.....	22	1	GDM
.....Cucacaguggcuaaguucu.....	3	1	GDM
.....uuUacacaguggcuaaguucu.....	1	1	GDM
.....uucacagCggcuaaguucu.....	1	1	GDM
.....uucacaguggcuaaguCcu.....	3	1	GDM
.....uucacaguggcuaaguucA.....	22	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uucacaguggcuaaguAcu.....	1	1	GDM
.....uucacaguggcuaaguCcu.....	3	1	GDM
.....uucacaguggcuaaguucG.....	5	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	5	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	3	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	3	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	9	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....CuCACAGUGGCUAAGGUUCU.....	5	1	GDM
.....uCCcacaguggcuaaguucug.....	4	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	4	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	3	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	3	1	GDM
.....uuCACAGUGGCUAAGGUUCG.....	23	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	627	0	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uCcacaguggcuaaguucug.....	4	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	4	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....AuCACAGUGGCUAAGGUUCU.....	3	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	9	1	GDM
.....uuCGcaguggcuaaguucug.....	2	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	9	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	627	0	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	27	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	27	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	27	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	3	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	4	1	GDM
.....uuCACAGUGGCUAAGGUUCU.....	1	1	GDM

**hsa-miR-27b-5p**

**hsa-miR-27b-3p**

accucucuaacaaggugcagagccuuagcugauuggugaacagugauuugguuuccgcuuuuguucacaguggcuaaguucugcaccugaagagaaggug

.....	Cucacaguggcuaaguucug.....	5	1	GDM
.....	..uucacaguggcuaaguucug.....	627	0	GDM
.....	..uucacaguggcuaGguucug.....	1	1	GDM
.....	.Aucacaguggcuaagguucugc.....	1	1	GDM
.....	.uucacGguggcuaagguucugc.....	5	1	GDM
.....	.uucacaguggcCaaguucugc.....	5	1	GDM
.....	.Guacaguggcuaaguucugc.....	1	1	GDM
.....	..uucacaguggcuaaguucugc.....	751	0	GDM
.....	..uucacaguggcuaaguucu <u>U</u> c.....	5	1	GDM
.....	..uucacaguggcuaaguucug <u>A</u> .....	452	1	GDM
.....	.Cucacaguggcuaaguucugc.....	4	1	GDM
.....	..uucacaguggcuaaguucug <u>G</u> .....	4	1	GDM
.....	..uucacaguggcuaGguucug.....	452	1	GDM
.....	.uucacaguggcuaGguucugc.....	4	1	GDM
.....	..uucacaguggcuaGguucugc.....	4	1	GDM
.....	..uCcacaguggcuaa <u>g</u> uucugc.....	5	1	GDM
.....	..uucacaguggcuaa <u>g</u> uucugc.....	1	1	GDM
.....	..uucacaguggc <u>A</u> aaguucugc.....	1	1	GDM
.....	..uucacag <u>G</u> gcu <u>a</u> aguucugc.....	3	1	GDM
.....	.Cu <u>c</u> acaguggcuaaguucugc.....	4	1	GDM
.....	..uucacagugg <u>U</u> uaaguucugc.....	5	1	GDM
.....	..uucacaguggcuaaguucug <u>U</u> .....	236	1	GDM
.....	..uucacagugg <u>U</u> uaaguucugc.....	5	1	GDM
.....	..uucacaguggcuaaguucug <u>A</u> .....	452	1	GDM
.....	..uucacaguggcuaaguucug <u>U</u> .....	236	1	GDM
.....	..uucacaguggcuaaguucugc.....	751	0	GDM
.....	..uucacag <u>A</u> ggcuaaguucugc.....	2	1	GDM
.....	..u <u>u</u> Uacaguggcuaaguucugc.....	2	1	GDM
.....	..uucacaguggcuaaguucug <u>G</u> .....	4	1	GDM
.....	..uucacaguggcua <u>G</u> guucugc.....	1	1	GDM
.....	..uucacaguggcua <u>g</u> uucugc.....	2	1	GDM
.....	..uCcacaguggcuaaguucugc.....	5	1	GDM
.....	..uuc <u>G</u> caguggcuaaguucugc.....	12	1	GDM
.....	..uucacagug <u>G</u> cu <u>a</u> aguucugc.....	1	1	GDM
.....	..uucaca <u>A</u> uggcuaaguucugc.....	1	1	GDM
.....	..uucacag <u>C</u> ggu <u>c</u> u <u>a</u> aguucugc.....	3	1	GDM
.....	..u <u>c</u> dc <u>u</u> aguggcuaaguucugc.....	12	1	GDM
.....	..uucac <u>C</u> guggcuaaguucugc.....	1	1	GDM
.....	..uucacaguggcuaaguucugc.....	751	0	GDM
.....	..uucacaguggcuaaguucu <u>U</u> .....	5	1	GDM
.....	..uucacaguggcuaaguucug <u>U</u> .....	236	1	GDM
.....	..uucac <u>U</u> guggcuaaguucugc.....	1	1	GDM
.....	..uucac <u>G</u> guggcuaaguucugc.....	5	1	GDM
.....	..uCcacaguggcuaaguucugc.....	5	1	GDM
.....	..uucacaguggcuaaguucu <u>U</u> .....	5	1	GDM
.....	..uucacaguggc <u>C</u> aaguucugc.....	5	1	GDM
.....	..uucacaguggcua <u>U</u> guucugc.....	1	1	GDM
.....	..uuc <u>G</u> caguggcuaaguucugc.....	12	1	GDM
.....	..Cu <u>c</u> acaguggcuaaguucug <u>c</u> .....	3	1	GDM
.....	..uuc <u>G</u> caguggcuaaguucug <u>c</u> .....	2	1	GDM
.....	..uucacaguggcuaaguucug <u>c</u> .....	1	1	GDM
.....	..uucac <u>G</u> u <u>u</u> agggcuaaguucug <u>c</u> .....	1	1	GDM
.....	..uCcacaguggcuaaguucug <u>c</u> .....	2	1	GDM
.....	..uucacaguggcua <u>g</u> u <u>u</u> agggcua <u>g</u> u <u>u</u> .....	3	1	GDM
.....	..uucacaguggcua <u>g</u> u <u>u</u> agggcua <u>g</u> u <u>u</u> .....	3	1	GDM
.....	..uucacaguggcua <u>g</u> u <u>u</u> agggcua <u>g</u> u <u>u</u> .....	3	1	GDM
.....	..uucacaguggcua <u>g</u> u <u>u</u> agggcua <u>g</u> u <u>u</u> .....	14	1	GDM
.....	..uuc <u>C</u> caguggcuaaguucug <u>c</u> .....	1	1	GDM
.....	..uucacaguggcua <u>g</u> u <u>u</u> agggcua <u>g</u> u <u>u</u> .....	3	1	GDM
.....	..uucacaguggcua <u>g</u> u <u>u</u> agggcua <u>g</u> u <u>u</u> .....	17	1	GDM
.....	..uucacaguggcuaaguucug <u>U</u> .....	77	1	GDM
.....	..uucacaguggcua <u>g</u> u <u>u</u> agggc <u>C</u> u <u>u</u> .....	3	1	GDM
.....	..uucacaguggcuaaguucug <u>U</u> .....	77	1	GDM
.....	..uucacaguggcuaaguucug <u>G</u> .....	12	1	GDM
.....	..uucacagu <u>A</u> gcu <u>a</u> aguucug <u>c</u> .....	1	1	GDM
.....	..uucacaguggcuaagu <u>U</u> u <u>u</u> .....	2	1	GDM
.....	..uucacaguggcuaaguucug <u>A</u> .....	14	1	GDM
.....	..uucacaguggcua <u>U</u> u <u>u</u> .....	1	1	GDM
.....	..uucacaguggcuaaguucug <u>A</u> .....	281	0	GDM
.....	..uucacaguggcuaaguucug <u>c</u> .....	281	0	GDM
.....	..uucacaguggcuaaguucug <u>U</u> .....	77	1	GDM

**hsa-miR-27b-5p**

**hsa-miR-27b-3p**

accucucuaacaaggugcagagcuuagcugauuggugaacagugauugguuuccgguuuuguucacaguggcuaaguucugcaccugaagagaaggug

.....uu <u>ucacaguggcuaagu</u> ucugAa.....	14	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugC.....	9	1	GDM
.....uu <u>ucacaguggcuaagu</u> Uugca.....	2	1	GDM
.....uu <u>ucacG</u> ugg <u>gcuau</u> guug <u>ca</u> .....	2	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugGa.....	12	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugC.....	9	1	GDM
.....u <u>A</u> cacagugg <u>gcuau</u> guug <u>ca</u> .....	2	1	GDM
.....uu <u>ucacagugg</u> Uuaagu <u>ucug</u> ca.....	1	1	GDM
.....uu <u>ucacaguggcuaagu</u> U <u>ccug</u> ca.....	1	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcG.....	17	1	GDM
.....u <u>A</u> cacagugg <u>gcuau</u> guug <u>ca</u> .....	2	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucug <u>Ua</u> .....	11	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugca.....	281	0	GDM
.....uu <u>ucacaguggcuaag</u> Cucugca.....	3	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcG.....	17	1	GDM
.....uu <u>ucacag</u> U <u>gcuaagu</u> ucugca.....	1	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugC.....	9	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugGa.....	12	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcaA.....	11	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcaA.....	11	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcaA.....	11	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcaG.....	5	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcaG.....	5	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcaU.....	6	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcaU.....	6	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcU.....	6	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugcU.....	1	1	GDM
.....u <u>c</u> acagugg <u>gcuau</u> guucA.....	2	1	GDM
.....uu <u>ucacaguggcuaagu</u> ucugA.....	2	1	GDM
.....agag <u>cuuagcugau</u> uggugaacagA.....	1	1	Z2_
.....guu <u>ucacaguggcuaagu</u> ucug.....	6	0	Z2_
.....Cu <u>ucacaguggcuaagu</u> ucug.....	2	1	Z2_
.....guu <u>ucacaguggcuaag</u> Cucugc.....	1	1	Z2_
.....guu <u>ucacaguggcuaagu</u> ucugc.....	2	0	Z2_
.....guu <u>ucacaguggcuaagu</u> ucugA.....	2	1	Z2_
.....guu <u>ucacaguggcuaagu</u> ucugca.....	2	0	Z2_
.....guu <u>ucacaguggcuaagu</u> ucugcU.....	2	1	Z2_
.....u <u>A</u> cacagugg <u>gcuau</u> ucuc.....	1	1	Z2_
.....uu <u>ucacaguggcuaagu</u> uc.....	26	0	Z2_
.....u <u>c</u> acagugg <u>gcuau</u> ucu.....	2	1	Z2_
.....uu <u>ucacagug</u> A <u>cuau</u> guucu.....	1	1	Z2_
.....uu <u>ucacaguggcuaagu</u> uA.....	13	1	Z2_
.....uu <u>ucacaguggcuaagu</u> Cu.....	1	1	Z2_
.....uu <u>ucacaguggcuaagu</u> u.....	231	0	Z2_
.....uu <u>ucacagugg</u> U <u>aagu</u> u.....	1	1	Z2_
.....uu <u>ucacaguggc</u> G <u>agu</u> u.....	1	1	Z2_
.....uu <u>ucacaguggcuaagu</u> uucG.....	1	1	Z2_
.....uu <u>ucacaguggcuaagu</u> C <u>uug</u> .....	5	1	Z2_
.....uu <u>ucacagugg</u> C <u>aagu</u> u.....	1	1	Z2_
.....uu <u>ucacaguggcuaag</u> Cucug.....	1	1	Z2_
.....u <u>c</u> uC <u>acagugg</u> C <u>uagu</u> u.....	3	1	Z2_
.....uu <u>ucacaguggcuaagu</u> u.....	310	0	Z2_
.....u <u>c</u> acag <u>Agg</u> u <u>cuau</u> u.....	1	1	Z2_
.....uu <u>caUag</u> ugg <u>gcuau</u> u.....	3	1	Z2_
.....uu <u>ucacaguggcuaagu</u> uA.....	12	1	Z2_
.....uu <u>ucacaguggcuaagu</u> u.....	1	1	Z2_
.....Cu <u>ucacaguggcuaagu</u> u.....	2	1	Z2_
.....uu <u>ucacaguggc</u> G <u>agu</u> u.....	4	1	Z2_
.....uu <u>ucacagugg</u> U <u>aagu</u> u.....	1	1	Z2_
.....Gu <u>ucacaguggcuaagu</u> u.....	1	1	Z2_
.....uu <u>ucacaguggcuaagu</u> Uug.....	1	1	Z2_
.....uu <u>ucacaguggcuaG</u> u.....	1	1	Z2_
.....u <u>C</u> cacag <u>agg</u> u <u>cuau</u> u.....	4	1	Z2_
.....uu <u>ucacaguggcuaagu</u> u.....	2	1	Z2_
.....u <u>A</u> cacag <u>agg</u> u <u>cuau</u> u.....	5	1	Z2_
.....uu <u>ucacaguggcuaagu</u> u.....	48	1	Z2_
.....uu <u>ucacag</u> Ag <u>gu</u> u.....	1	1	Z2_
.....uu <u>ucacagugg</u> U <u>aagu</u> u.....	1	1	Z2_

**hsa-miR-27b-5p**

**hsa-miR-27b-3p**

accucucuaacaaggugcagagccuuagcugauuggugaacagugauuugguuuccgcuuuuguucacaguggcuaaguucugcaccugaagagaaggug

.....Cucacaguggcuaaguucugc.....	2	1	<b>z2_</b>
.....uuacacaʌuggcuaaguucugc.....	1	1	<b>z2_</b>
.....uucaUaguggcuaaguucugc.....	1	1	<b>z2_</b>
.....uucacaguggcuaGagucugc.....	2	1	<b>z2_</b>
.....uucacaguggGuaaguucugc.....	1	1	<b>z2_</b>
.....uuucGcaguggcuaaguucugc.....	1	1	<b>z2_</b>
.....uuucacGguggcuaaguucugc.....	1	1	<b>z2_</b>
.....uuucacaguggcuaaguucugA.....	171	1	<b>z2_</b>
.....uuucacaguggcuaaguucugc.....	304	0	<b>z2_</b>
.....uucUcaguggcuaaguucugcA.....	1	1	<b>z2_</b>
.....uuucacaguggcuaaguucugcU.....	29	1	<b>z2_</b>
.....uuucacaguggcuaaguucugU.....	1	1	<b>z2_</b>
.....uuucacaguggcuaaguucugca.....	128	0	<b>z2_</b>
.....Cucacaguggcuaaguucugca.....	2	1	<b>z2_</b>
.....uuucacagCggcuaaguucugca.....	2	1	<b>z2_</b>
.....uuucGcaguggcuaaguucugca.....	1	1	<b>z2_</b>
.....uuucacaguggcuaaguucCgca.....	3	1	<b>z2_</b>
.....uuucacaguggcuaaguucugGa.....	4	1	<b>z2_</b>
.....uuucacaguggcuaaguucAgca.....	1	1	<b>z2_</b>
.....uuucacaguAgcuaaguucugca.....	4	1	<b>z2_</b>
.....uuucacaguggcuaaguucugcG.....	2	1	<b>z2_</b>
.....uuucacaguggcuaaguucugAa.....	3	1	<b>z2_</b>
.....uuucacaguggcuaaguucugcC.....	3	1	<b>z2_</b>
.....uCcacaguggcuaaguucugca.....	3	1	<b>z2_</b>
.....uuucacaguggcuaaguucugcaU.....	2	1	<b>z2_</b>
.....uuucacaguggcuaaguucugcaA.....	3	1	<b>z2_</b>
.....ucacaguggcuaaguucugca.....	3	0	<b>z2_</b>
.....acaguggcuaaguucugc.....	3	0	<b>z2_</b>
.....acaguggcuaaguucugca.....	3	0	<b>z2_</b>
 .....guucacaguggcuaaguui.....	1	0	<b>z3_</b>
.....guucacaguggcuaaguucugcC.....	1	1	<b>z3_</b>
.....uucacaguggcuaaguCc.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguuc.....	6	0	<b>z3_</b>
.....Guacacaguggcuaaguuc.....	1	1	<b>z3_</b>
.....uucacaguggcuaaguucA.....	5	1	<b>z3_</b>
.....uucacaguggcuaaguucu.....	73	0	<b>z3_</b>
.....uuucacGggcuaaguucu.....	1	1	<b>z3_</b>
.....uuucacagCggcuaaguucu.....	1	1	<b>z3_</b>
.....uuucacaguggcuaGguucu.....	1	1	<b>z3_</b>
.....Cucacaguggcuaaguucu.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucuA.....	1	1	<b>z3_</b>
.....uuucacaguggcuaagCucug.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucug.....	91	0	<b>z3_</b>
.....uucaUaguggcuaaguucug.....	1	1	<b>z3_</b>
.....uuucGcaguggcuaaguucug.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguuiUug.....	1	1	<b>z3_</b>
.....uuucacaguggcuaGguucugc.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucugA.....	45	1	<b>z3_</b>
.....Cucacaguggcuaaguucugc.....	3	1	<b>z3_</b>
.....uuucacaguggcuaaguCcugc.....	1	1	<b>z3_</b>
.....uuucacagGggcuaaguucugc.....	1	1	<b>z3_</b>
.....uuucUcaguggcuaaguucugc.....	1	1	<b>z3_</b>
.....uuucacaguAgcuaaguucugc.....	1	1	<b>z3_</b>
.....uuucacagugAgcuaaguucugc.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucugc.....	110	0	<b>z3_</b>
.....uuucacagCggcuaaguucugc.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucuAc.....	1	1	<b>z3_</b>
.....uuucGcaguggcuaaguucugc.....	2	1	<b>z3_</b>
.....uuucacaguggcuaaguucugU.....	35	1	<b>z3_</b>
.....uuucacaguggcuaaguucugGa.....	9	1	<b>z3_</b>
.....uuucacagCggcuaaguucugca.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucugcG.....	2	1	<b>z3_</b>
.....uuucacaguggcAaaguucugca.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguAcugca.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucugcU.....	17	1	<b>z3_</b>
.....uuucacaʌuggcuaaguucugca.....	2	1	<b>z3_</b>
.....uuucacaguggcuaaguucugcC.....	1	1	<b>z3_</b>
.....uuucacaguggcuaaguucugAa.....	3	1	<b>z3_</b>

**hsa-miR-27b-5p**

**hsa-miR-27b-3p**

accucucuaacaaggugc**agagc**uuagcugauugguacaguguugguuccguuug**uuc**acagugggcuaag**uuc****ug**caccugaaggaaggug

.....	.....uucacaguggcuaaguucugca.....	47	0	<b>z3_</b>
.....	.....Cu <u>ca</u> c <u>ag</u> ugg <u>gc</u> ua <u>ag</u> u <u>u</u> uc <u>ug</u> ca.....	1	1	<b>z3_</b>
.....	.....uucacaguggcuaaguucug <u>ca</u> U.....	1	1	<b>z3_</b>
.....	.....uucacaguggcuaaguucug <u>c</u> U.....	2	1	<b>z3_</b>
.....	.....uucacaguggcuaaguucug <u>ca</u> G.....	1	1	<b>z3_</b>