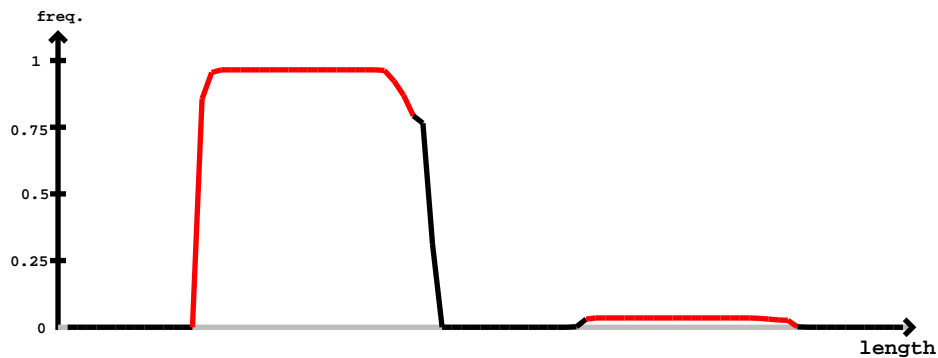
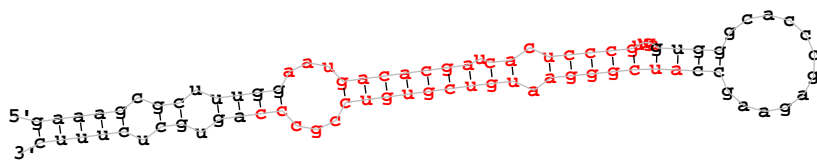


miRBase precursor : hsa-mir-425  
 Total read count : 60603  
 hsa-miR-425-5p read count : 58485  
 hsa-miR-425-3p read count : 2118  
 remaining reads : 0



hsa-miR-425-3p

5' -	hsa-miR-425-5p	hsa-miR-425-3p	-3'	exp	reads	mm	sample
5' -	gaaagcgcuuugga	<u>aaugacacgaucacuccguuga</u>	gugggcacccgagaagcc	<u>aucgggaugucgucgcc</u>	agugcucuuc	-3'	exp
	((((((.....))))))				reads	mm	sample
	.....	aaugacacgaucacuccc	.....		2	0	GDM
	.....	aaugacacgaucacuccc	.....		2	0	GDM
	.....	aaugacacgaucacuccU	.....		1	1	GDM
	.....	aaugacaGgaucacucccg	.....		1	1	GDM
	.....	aaugacacgaucacuccA	.....		6	1	GDM
	.....	aaUAcacgaucacucccg	.....		1	1	GDM
	.....	aaugacacgaucacucccg	.....		68	0	GDM
	.....	aaugacacgaucacucccg	.....		68	0	GDM
	.....	aaugacacgaucacucccU	.....		1	1	GDM
	.....	aaugacacgaucacuccGg	.....		1	1	GDM
	.....	aaugacacgaucacuccA	.....		6	1	GDM
	.....	Uaugacacgaucacucccg	.....		1	1	GDM
	.....	aaugacacgaucacucccg	.....		68	0	GDM
	.....	aaugacacgaucacuccAu	.....		2	1	GDM
	.....	aaUAcacgaucacucccgu	.....		1	1	GDM
	.....	aaugacacgaucacucccgG	.....		4	1	GDM
	.....	aaugacacgauUacucccgu	.....		2	1	GDM
	.....	aaugacacgauAcucccgu	.....		2	1	GDM
	.....	aaugacacgaucacucccgC	.....		78	1	GDM
	.....	aaugacGcgaucacucccgu	.....		13	1	GDM
	.....	aaugacacgaucacucccgG	.....		4	1	GDM
	.....	aaugacacgaucacucccgu	.....		1100	0	GDM
	.....	Gaugacacgaucacucccgu	.....		4	1	GDM
	.....	aaugacaGgaucacucccgu	.....		1	1	GDM
	.....	aaCgacacgaucacucccgu	.....		6	1	GDM
	.....	aaugacacgaAcacucccgu	.....		3	1	GDM
	.....	aaugacacgaucacucccAu	.....		2	1	GDM
	.....	aaugacacgaucacAcccgu	.....		3	1	GDM
	.....	aaugacacgaucGcucccgu	.....		5	1	GDM
	.....	aaugacacgauUacucccgu	.....		2	1	GDM
	.....	aaugacacgaucacCcccgu	.....		7	1	GDM
	.....	aaugGcacgaucacucccgu	.....		3	1	GDM
	.....	aaugacacgaucacCcccgu	.....		7	1	GDM
	.....	aGugacacgaucacucccgu	.....		4	1	GDM

gaaagcgcuuuggaaugacacgaucacucccgugaugggcaccggagaagccaucgggaaugucguguccccagugcucuuc

.....aaugacacgaucacucccCu.....	1	1	GDM
.....aaCgacacgaucacucccgU.....	6	1	GDM
.....aaGgacacgaucacucccgU.....	1	1	GDM
.....aaugacacgaucacucccgA.....	27	1	GDM
.....aaugacGgacacucccgU.....	13	1	GDM
.....aGugacacgaucacucccgU.....	4	1	GDM
.....aaAgacacgaucacucccgU.....	2	1	GDM
.....aaugacGgacacucccgU.....	13	1	GDM
.....aaCgacacgaucacucccgU.....	6	1	GDM
.....aaugacacgaucacucccgA.....	27	1	GDM
.....aaugacacgaucacCucccgU.....	7	1	GDM
.....UaugacacgaucacucccgU.....	7	1	GDM
.....aaugacacgaucacucccgC.....	78	1	GDM
.....aaugacacgaCcacucccgU.....	6	1	GDM
.....aaugacacgaucacucccgA.....	27	1	GDM
.....aaugacacAaucacucccgU.....	2	1	GDM
.....aaugacacAaucacucccgU.....	2	1	GDM
.....aaugacacgaucAucccgU.....	2	1	GDM
.....CaugacacgaucacucccgU.....	1	1	GDM
.....aaugacacUgacacucccgU.....	2	1	GDM
.....UaugacacgaucacucccgU.....	7	1	GDM
.....aaUaacacgaucacucccgU.....	4	1	GDM
.....aaugacacgaucacuccUgU.....	2	1	GDM
.....aaugacUcgacacucccgU.....	1	1	GDM
.....aaugacacgGucacucccgU.....	2	1	GDM
.....aaugacacAgacacucccgU.....	1	1	GDM
.....aaugacacgaucacucccgU.....	1100	0	GDM
.....aaugacacgaucGcucccgU.....	5	1	GDM
.....GaugacacgaucacucccgU.....	4	1	GDM
.....aaUaacacgaucacucccgU.....	4	1	GDM
.....GaugacacgaucacucccgU.....	4	1	GDM
.....aaugacacgaucacuccUgU.....	2	1	GDM
.....aaugacacgaucacAucccgU.....	3	1	GDM
.....aGugacacgaucacucccgU.....	4	1	GDM
.....aaugacacgaCcacucccgU.....	6	1	GDM
.....aaugaUacgaucacucccgU.....	1	1	GDM
.....aaugacacgaAacacucccgU.....	3	1	GDM
.....aaugGcacgaucacucccgU.....	3	1	GDM
.....aaugacacgaucacucccgU.....	1100	0	GDM
.....aaugacacgaucacucccgC.....	78	1	GDM
.....aaugacacUgacacucccgU.....	2	1	GDM
.....aaugacacgaucUucccgU.....	1	1	GDM
.....aaugacacgaucAucccgU.....	2	1	GDM
.....UaugacacgaucacucccgU.....	7	1	GDM
.....aaugacacgaCcacucccgU.....	6	1	GDM
.....aaugacacgaAacacucccgU.....	3	1	GDM
.....aaugacacgaucacucAuccgU.....	4	1	GDM
.....aaugacacgaucacCuccgU.....	7	1	GDM
.....aaugUcacgaucacucccgU.....	1	1	GDM
.....aaugGcacgaucacucccgU.....	10	1	GDM
.....GaugacacgaucacucccgU.....	13	1	GDM
.....aaugacacgaucGcucccgU.....	3	1	GDM
.....aaugacacgaucacuAuccgU.....	1	1	GDM
.....aaugacacgaucacucccgUG.....	3	1	GDM
.....UaugacacgaucacucccgU.....	2	1	GDM
.....aaugacacgaucacucUuccgU.....	1	1	GDM
.....aaugacacgaAacacucccgU.....	3	1	GDM
.....aaugacacUaucacucccgU.....	1	1	GDM
.....aaugacacgaucacuccUgU.....	1	1	GDM
.....aaugacUcgacacucccgU.....	4	1	GDM
.....aaugacacgaucacucccgUC.....	135	1	GDM
.....aaugacacAaucacucccgU.....	1	1	GDM
.....aaugGcacgaucacucccgU.....	10	1	GDM
.....aaugacacgaucacucccgU.....	1475	0	GDM
.....GaugacacgaucacucccgU.....	13	1	GDM
.....aaugacacgGucacucccgU.....	5	1	GDM
.....aaugacUcgacacucccgU.....	4	1	GDM
.....aaugacacgaUaucucccgU.....	5	1	GDM
.....aaugacacAgacacucccgU.....	1	1	GDM

gaaagcgcuuuggaaugacacgaucacucccgugauggggcaccggagaagccaucgggaaugucgugucgcccagugcucuuc

.....aaugacacgaucacuccgguu.....	1475	0	GDM
.....aaugacacgaucacuccgguu.....	1475	0	GDM
.....aaugacacgaucacuccgAu.....	2	1	GDM
.....aaugacacgaucacuUccgguu.....	4	1	GDM
.....aaugacUcgaucaucuccgguu.....	4	1	GDM
.....aaugacacgGucacuccgguu.....	5	1	GDM
.....aaugacacgaucaUuccgguu.....	5	1	GDM
.....Gaugacacgaucacuccgguu.....	13	1	GDM
.....aaugacaUgaucacuccgguu.....	7	1	GDM
.....Caugacacgaucacuccgguu.....	2	1	GDM
.....aaCgacacgaucacuccgguu.....	6	1	GDM
.....aGugacacgaucacuccgguu.....	6	1	GDM
.....aaugacacgGucacuccgguu.....	5	1	GDM
.....aaugacacgaucacucccgGu.....	1	1	GDM
.....aaugacacgaucacuccgguA.....	34	1	GDM
.....aaugacaUgaucacuccgguu.....	7	1	GDM
.....aaugacacgaucacucAcgguu.....	4	1	GDM
.....aaugacacgaCcacuccgguu.....	7	1	GDM
.....aaugacacgaucacucccgAu.....	2	1	GDM
.....aaugacacgaucacCccgguu.....	7	1	GDM
.....aaugacacgauUacuccgguu.....	5	1	GDM
.....aaugacacgaucacucccgCu.....	13	1	GDM
.....aaAgacacgaucacuccgguu.....	2	1	GDM
.....aaugacGcgaucaucuccgguu.....	8	1	GDM
.....aGugacacgaucacuccgguu.....	6	1	GDM
.....aaugacacgaucacucccgGu.....	3	1	GDM
.....aaCgacacgaucacuccgguu.....	6	1	GDM
.....aaugacacgaucacucccgguA.....	34	1	GDM
.....aaugacGcgaucaucuccgguu.....	8	1	GDM
.....aaCgacacgaucacuccgguu.....	6	1	GDM
.....aaugacacgaucaUuccgguu.....	5	1	GDM
.....aaugacacgaucGcuccgguu.....	3	1	GDM
.....aaUAcacgaucacuccgguu.....	3	1	GDM
.....aaugacacgaucUcuccgguu.....	5	1	GDM
.....aaugacacgaucacuUccgguu.....	4	1	GDM
.....aaugacacgaucacucccguC.....	135	1	GDM
.....aaugacacgaucacucccguC.....	135	1	GDM
.....aaugacacgaucacucccgCu.....	13	1	GDM
.....aaugacacgaCcacuccgguu.....	7	1	GDM
.....aaugacacgaucacucAcgguu.....	4	1	GDM
.....aaugaUacgaucacuccgguu.....	2	1	GDM
.....aaugacGcgaucaucuccgguu.....	8	1	GDM
.....aaugacacgaucacucccgCu.....	13	1	GDM
.....aaUAcacgaucacuccgguu.....	3	1	GDM
.....aaugacacgaucacucccgguA.....	34	1	GDM
.....aaugacacgaCcacuccgguu.....	7	1	GDM
.....aaugacacgaucUcuccgguu.....	5	1	GDM
.....aaugacacgaucacucccgCu.....	11	1	GDM
.....aGugacacgaucacuccgguug.....	12	1	GDM
.....aaugacacgaucaUuccgguug.....	2	1	GDM
.....aaugacaUgaucacuccgguug.....	7	1	GDM
.....aaugacacgaucacAccgguug.....	3	1	GDM
.....Uaugacacgaucacuccgguug.....	9	1	GDM
.....aaugacacgaucacuAccgguug.....	1	1	GDM
.....Gaugacacgaucacuccgguug.....	6	1	GDM
.....aaugacacgaucacuccUguug.....	3	1	GDM
.....aaCgacacgaucacuccgguug.....	19	1	GDM
.....aaugacacgaucacucccgGug.....	15	1	GDM
.....aaugacacAaucacuccgguug.....	4	1	GDM
.....aaugacacgauUacuccgguug.....	3	1	GDM
.....aaugGcacgaucacuccgguug.....	11	1	GDM
.....aaugacacgaucacuccAuug.....	1	1	GDM
.....aaugacacgaCcacuccgguug.....	6	1	GDM
.....aaugacacgaucacuccgguuC.....	3	1	GDM
.....aaugacacgaucacuccgguuC.....	3	1	GDM
.....aaugGcacgaucacuccgguug.....	11	1	GDM
.....aaugacacgauAacuccgguug.....	1	1	GDM
.....aaugacacgaucacucccgCu.....	10	1	GDM
.....aaugacacgaCcacuccgguug.....	6	1	GDM

gaaagcgcuuuggaaugacacgaucacucccgugaugggcacccgagaagccaucgggaaugucguguccccagugcucuuc

.....aaugacacgaucacucccgCug.....	10	1	GDM
.....aaugacacgaucacucccgU.....	9	1	GDM
.....aaAgacacgaucacucccgug.....	1	1	GDM
.....aaugacacgaAacacucccgug.....	4	1	GDM
.....aaugacacAaucacucccgug.....	4	1	GDM
.....aaugacacgaucUucccgug.....	2	1	GDM
.....aaugacUcgaucacucccgug.....	2	1	GDM
.....aaugacacgaucacCcccgug.....	11	1	GDM
.....aaCgacacgaucacucccgug.....	19	1	GDM
.....aaugacacgaucacuccAguug.....	1	1	GDM
.....aaugacacgaucacuccUuug.....	2	1	GDM
.....aaCgacacgaucacucccgug.....	19	1	GDM
.....Caugacacgaucacucccgug.....	1	1	GDM
.....aaugaUacgaucacucccgug.....	3	1	GDM
.....aaugacGcgaucacucccgug.....	7	1	GDM
.....aaugacacgaucGcucccgug.....	2	1	GDM
.....aaugacacgaucacucccgUg.....	105	1	GDM
.....aaUAcacgaucacucccgug.....	1	1	GDM
.....aGugacacgaucacucccgug.....	12	1	GDM
.....aaugacacgaucacuccUuug.....	2	1	GDM
.....aaugacacgaucUcucccgug.....	4	1	GDM
.....aaugacacgaucacucccgUg.....	3	1	GDM
.....aaugacacgaucacucccgug.....	1945	0	GDM
.....aaugacacgaucacucccgug.....	1945	0	GDM
.....aaugacacgaucacCcccgug.....	11	1	GDM
.....aaugacGcgaucacucccgug.....	7	1	GDM
.....aGugacacgaucacucccgug.....	12	1	GDM
.....Gaugacacgaucacucccgug.....	6	1	GDM
.....aaugGcacgaucacucccgug.....	11	1	GDM
.....aaugacacgaucacucccgU.....	9	1	GDM
.....aaugacacgaucacucccgCug.....	10	1	GDM
.....Uaugacacgaucacucccgug.....	9	1	GDM
.....aaugUcacgaucacucccgug.....	4	1	GDM
.....aaugacacUaucacucccgug.....	3	1	GDM
.....aaugacacgaucacUcugug.....	3	1	GDM
.....aaugacacgaucacucccgUg.....	11	1	GDM
.....aaugacacgaucacucccgUg.....	11	1	GDM
.....aaugacacGucacucccgug.....	10	1	GDM
.....aaugacacGucacucccgug.....	10	1	GDM
.....aaugacacAaucacucccgug.....	4	1	GDM
.....aaugacacgaucacucccgUg.....	15	1	GDM
.....aaugacacgaucacucccgU.....	129	1	GDM
.....aaugacacgaucUcucccgug.....	4	1	GDM
.....Uaugacacgaucacucccgug.....	9	1	GDM
.....aaugacacUaucacucccgug.....	3	1	GDM
.....aaugUcacgaucacucccgug.....	4	1	GDM
.....aaugacacgaucacucccgUg.....	3	1	GDM
.....aaugacacgaucacucccgug.....	1945	0	GDM
.....aaugacacgaucacucccgUg.....	1	1	GDM
.....aaugacacgaucacUcugug.....	3	1	GDM
.....aaugacacgaCcacucccgug.....	6	1	GDM
.....aaugacacgaucacucccgU.....	9	1	GDM
.....aaugacacgaucacUcccgug.....	1	1	GDM
.....aaugacacgaucacucccgU.....	129	1	GDM
.....aaugacacgaucacLcccgug.....	3	1	GDM
.....aaugaUacgaucacucccgug.....	3	1	GDM
.....aaugacacgaucacucccgU.....	129	1	GDM
.....aaugacacGucacucccgug.....	10	1	GDM
.....aaugacGcgaucacucccgug.....	7	1	GDM
.....aaugacacgaucacCcccgug.....	11	1	GDM
.....aaugacacgaucGcucccgug.....	2	1	GDM
.....aaugacacUgaucacucccgug.....	7	1	GDM
.....aaugacacgaGcacucccgug.....	2	1	GDM
.....aaugacUcgaucacucccgug.....	2	1	GDM
.....aaugacacUgaucacucccgug.....	7	1	GDM
.....aaugacacgaucacuccUgug.....	3	1	GDM
.....Gaugacacgaucacucccgug.....	6	1	GDM
.....aaugacacgaucacUcugug.....	3	1	GDM
.....aaugacacgaucacucccgU.....	1	1	GDM

gaaagcgcuuuggaaugacacgaucacucccgugaugggcacccgagaagccaucgggaaugucguguccccagugcucuuc

.....aaugacacgaucacucccgUaGa.....	2	1	GDM
.....aaugacaAgaucacucccguga.....	1	1	GDM
.....aaugacGcgaucaucucccguga.....	4	1	GDM
.....aaugacacgaucacucUcguuga.....	4	1	GDM
.....aaugacacgaCcacucccguga.....	7	1	GDM
.....aaugacacgaucacucccgCuga.....	5	1	GDM
.....aaugacacgaucacucccgUcGa.....	2	1	GDM
.....aaugacacgaucacucccgAuga.....	1	1	GDM
.....aaugacacgaucacuccUuuga.....	1	1	GDM
.....aaugacacgaucacucUcguuga.....	4	1	GDM
.....aaugacacgaucacuccAuuga.....	4	1	GDM
.....aaugacacgaucacucccgugC.....	12	1	GDM
.....aGugacacgaucacucccguga.....	6	1	GDM
.....Uaugacacgaucacucccguga.....	2	1	GDM
.....aaCgacacgaucacucccguga.....	4	1	GDM
.....aaAgacacgaucacucccguga.....	1	1	GDM
.....aaugacacAaucacucccguga.....	1	1	GDM
.....aauAacacgaucacucccguga.....	1	1	GDM
.....aaugacacgaucacuccAuuga.....	4	1	GDM
.....aGugacacgaucacucccguga.....	6	1	GDM
.....aaugacacgaucacAucccguga.....	1	1	GDM
.....aaugacacgaucacucccguga.....	588	0	GDM
.....aGugacacgaucacucccguga.....	6	1	GDM
.....aaugacacgaucacucccgUcGa.....	2	1	GDM
.....Uaugacacgaucacucccguga.....	2	1	GDM
.....aaugacacgaCcacucccguga.....	7	1	GDM
.....aaugacGcgaucaucucccguga.....	4	1	GDM
.....aaugacacgaucacucccgCuga.....	5	1	GDM
.....aaugacacgaucacucccgugG.....	8	1	GDM
.....aaugacacgaucGcucccguga.....	6	1	GDM
.....aaugacacgaucacucccgugU.....	63	1	GDM
.....aaugacacgaucacucccgugU.....	63	1	GDM
.....aaugGcaggaucacucccguga.....	5	1	GDM
.....aaugUcaggaucacucccguga.....	1	1	GDM
.....aaugacacgaCcacucccguga.....	7	1	GDM
.....aaugacUcgaucacucccguga.....	2	1	GDM
.....aaugacacgaucacCucccguga.....	1	1	GDM
.....aaugacacgaucacuccUguuga.....	1	1	GDM
.....aaugacacgaucacucccguga.....	588	0	GDM
.....aaCgacacgaucacucccguga.....	4	1	GDM
.....aaGgacacgaucacucccguga.....	1	1	GDM
.....aaugacacgaucacucccgugG.....	8	1	GDM
.....aaugGcaggaucacucccguga.....	5	1	GDM
.....aaugacacgaucacucccgugU.....	63	1	GDM
.....aaugacacgaucGcucccguga.....	6	1	GDM
.....aaugacacgaucacucUcguuga.....	4	1	GDM
.....aaugacacgaucacucccguga.....	588	0	GDM
.....aaugacacgaucacucccgugG.....	8	1	GDM
.....aaugacacgaucacucccgugC.....	12	1	GDM
.....aaugacacUaucacucccguga.....	1	1	GDM
.....aaugacacgaucacucccgugC.....	12	1	GDM
.....aaugacacgaucacucccgugCg.....	13	1	GDM
.....aaugacacgaCcacucccgugag.....	41	1	GDM
.....aaugacacgaucacuccAuugag.....	13	1	GDM
.....aaugacacgaucacucccgugGg.....	72	1	GDM
.....aaugacacgaucacucccgUcgag.....	31	1	GDM
.....aaugacGcgaucaucucccgugag.....	63	1	GDM
.....aaugacacgaucacucccgUag.....	10	1	GDM
.....aaugacacgaucUcucccgugag.....	13	1	GDM
.....aauCacacgaucacucccgugag.....	2	1	GDM
.....aCugacacgaucacucccgugag.....	5	1	GDM
.....aaugacacgaucacucccgUgag.....	17	1	GDM
.....aaugacacgGucacucccgugag.....	36	1	GDM
.....aaCgacacgaucacucccgugag.....	51	1	GDM
.....aauAacacgaucacucccgugag.....	22	1	GDM
.....aaugacacgaucacuccCuugag.....	1	1	GDM
.....aaugaUacgaucacucccgugag.....	14	1	GDM
.....aauUacacgaucacucccgugag.....	1	1	GDM
.....aaugacacgaucacucccgugaU.....	27	1	GDM

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugaugggcacccgagaagccaucgggaaugucguguccccagugcucuuc

.....aaugacacgauUacucccgugag.....	17	1	GDM
.....aaugacacgaucCcuuccgugag.....	4	1	GDM
.....aaugacacgaucacucccgugUg.....	17	1	GDM
.....aaugacacgaucUcuucccgugag.....	13	1	GDM
.....aaUCacacgaucacucccgugag.....	2	1	GDM
.....aaCgacacgaucacucccgugag.....	51	1	GDM
.....aaugacacgaucacucAcguugag.....	6	1	GDM
.....aaugacacgaucacucccgCugag.....	42	1	GDM
.....Uaugacacgaucacucccgugag.....	24	1	GDM
.....aaugaAacgaucacucccgugag.....	3	1	GDM
.....aaugacacgaucacGcccgugag.....	2	1	GDM
.....aaugaGacgaucacucccgugag.....	2	1	GDM
.....aaugacacgCucacucccgugag.....	1	1	GDM
.....aaugacacgaucaUucccgugag.....	7	1	GDM
.....aaGgacacgaucacucccgugag.....	2	1	GDM
.....aaugacaGgaucacucccgugag.....	6	1	GDM
.....aaugacacgaucacucccgCgag.....	31	1	GDM
.....aaugacacgauUacucccgugag.....	17	1	GDM
.....aaugacacgaucacuccUguugag.....	12	1	GDM
.....aaugacacgaucGcuuccgugag.....	36	1	GDM
.....aaugaUacgaucacucccgugag.....	14	1	GDM
.....aaugacacgaucacuccAaugag.....	13	1	GDM
.....aaugacaUgaucacucccgugag.....	24	1	GDM
.....aaugacacgaucCcuuccgugag.....	4	1	GDM
.....aaugUcacgaucacucccgugag.....	7	1	GDM
.....aaugacaAgaucacucccgugag.....	3	1	GDM
.....aaugacacgaucacuUcccgugag.....	8	1	GDM
.....aaugacacUaucacucccgugag.....	6	1	GDM
.....aaugUcacgaucacucccgugag.....	7	1	GDM
.....aaugacacgauUacucccgugag.....	17	1	GDM
.....aaugacacAaucacucccgugag.....	15	1	GDM
.....aaugacacgaucacucccgugag.....	8761	0	GDM
.....aaugacacgaucacucccgUagag.....	4	1	GDM
.....aaugacacgaucacucccgugaA.....	466	1	GDM
.....aaugacaGgaucacucccgugag.....	6	1	GDM
.....aaugacacgaucacucGcgugag.....	2	1	GDM
.....aaugacacgaucacucAcguugag.....	6	1	GDM
.....aaugacacgaucacAcccgugag.....	10	1	GDM
.....aaugacUcgaucacucccgugag.....	13	1	GDM
.....aaugacacgaucacucccgCugag.....	42	1	GDM
.....aaugacacgaAacacucccgugag.....	11	1	GDM
.....aaUAacacgaucacucccgugag.....	22	1	GDM
.....aaugacacgaucacucccgUagag.....	4	1	GDM
.....aaugacacgaucacucccgugCg.....	13	1	GDM
.....aaugacacgaucacucccgugUg.....	17	1	GDM
.....aaugacaGgaucacucccgugag.....	6	1	GDM
.....Gaugacacgaucacucccgugag.....	42	1	GDM
.....aaugacacgaucacAcccgugag.....	10	1	GDM
.....Caugacacgaucacucccgugag.....	4	1	GDM
.....aaugacacgaucacucccgUaag.....	4	1	GDM
.....aaugacacUaucacucccgugag.....	6	1	GDM
.....aaugacacgaCcacucccgugag.....	41	1	GDM
.....aaugGcacgaucacucccgugag.....	49	1	GDM
.....aaugacacgaucaUucccgugag.....	7	1	GDM
.....aaugacacgaAacacucccgugag.....	11	1	GDM
.....Gaugacacgaucacucccgugag.....	42	1	GDM
.....aaugacacgaucacucccgCugag.....	42	1	GDM
.....aaugacacAaucacucccgugag.....	15	1	GDM
.....aaugacacUaucacucccgugag.....	6	1	GDM
.....aaugacacgaucacucccgCgag.....	31	1	GDM
.....aaugacacgaucacCcccgugag.....	62	1	GDM
.....aaugacacgaucacucccgGugag.....	17	1	GDM
.....aGugacacgaucacucccgugag.....	39	1	GDM
.....aaugacacgaucacucUcgugag.....	11	1	GDM
.....aaugaUacgaucacucccgugag.....	14	1	GDM
.....aaugacacgaucacucccgugaA.....	466	1	GDM
.....aaugacacgGucacucccgugag.....	36	1	GDM
.....aaugacacgaucUcuuccgugag.....	13	1	GDM
.....aaugacacgaucacucccgugag.....	8761	0	GDM

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccguguagugggcaccggagaagccaucgggaaugucguguccccagugcucuuc

.....aaugacacAaucacucccguguag.....	15	1	GDM
.....aaugacacgaucacucccguguagA.....	466	1	GDM
.....Uaugacacgaucacucccguguag.....	24	1	GDM
.....Caugacacgaucacucccguguag.....	4	1	GDM
.....aaugacacgaucacucGcguugag.....	2	1	GDM
.....aaugacacgaucacuccUguugag.....	12	1	GDM
.....aaugacacgaucacucccgGugag.....	17	1	GDM
.....aaugaAacgaucacucccguguag.....	3	1	GDM
.....aGugacacgaucacucccguguag.....	39	1	GDM
.....aaugacacgaucacGcccguugag.....	2	1	GDM
.....aaGgacacgaucacucccguguag.....	2	1	GDM
.....aaugacacgaucacuccgguuAag.....	4	1	GDM
.....aaugacacgaucacucccguguagC.....	23	1	GDM
.....aUugacacgaucacucccguguag.....	4	1	GDM
.....aaugacacgaucacucUcguugag.....	11	1	GDM
.....aaugacacgaucacuccUguugag.....	12	1	GDM
.....aaugacacgaucacuAccguugag.....	3	1	GDM
.....aaugacacgaAacacucccguguag.....	11	1	GDM
.....Gaugacacgaucacucccguguag.....	42	1	GDM
.....aaugacacgUucacucccguguag.....	5	1	GDM
.....aaCgacacgaucacucccguguag.....	51	1	GDM
.....aaugacacgaucGcuucccguguag.....	36	1	GDM
.....aaugacacgaucacucccguguagU.....	27	1	GDM
.....aaugacacgaucacuccUuugag.....	1	1	GDM
.....aaugacacgaucacucccguguagU.....	27	1	GDM
.....aaugGcacgaucacucccguguag.....	49	1	GDM
.....aaugacacgaucacucccgugUg.....	17	1	GDM
.....aaugacacgGucacucccguguag.....	36	1	GDM
.....aaugacacgaucacCcccguugag.....	62	1	GDM
.....aaugacGcgaucacucccguguag.....	63	1	GDM
.....aaugacacgaucacucccgugGg.....	72	1	GDM
.....aaugacacgUucacucccguguag.....	5	1	GDM
.....aaugacacgUucacucccguguag.....	5	1	GDM
.....aaugacacgaucCcuucccguguag.....	4	1	GDM
.....aaugacaUgaucacucccguguag.....	24	1	GDM
.....aaugacacgaucacucUcguugag.....	11	1	GDM
.....aaugacacgaucGcuucccguguag.....	36	1	GDM
.....aCugacacgaucacucccguguag.....	5	1	GDM
.....Uaugacacgaucacucccguguag.....	24	1	GDM
.....aaugacacgaucacuccAuuugag.....	13	1	GDM
.....aaugacacgaucacucccgAuuugag.....	10	1	GDM
.....aaugacacCaucacucccguguag.....	2	1	GDM
.....aaugacacgaucacuccGguugag.....	1	1	GDM
.....aaugacacgaucacucccgUgag.....	6	1	GDM
.....aaUaacacgaucacucccguguag.....	22	1	GDM
.....aaugacaUgaucacucccguguag.....	24	1	GDM
.....aaugacUcgaucacucccguguag.....	13	1	GDM
.....aaugacacgaucacucccguguagGg.....	72	1	GDM
.....aGugacacgaucacucccguguag.....	39	1	GDM
.....aaugacacgaucaAuucccguguag.....	1	1	GDM
.....aaugacacgaCcacucccguguag.....	41	1	GDM
.....aaugacacgaucacucccguguagC.....	23	1	GDM
.....aaugacacgaucacucccgAuuugag.....	10	1	GDM
.....aaugacacgaucacCcccguugag.....	62	1	GDM
.....aaugGcacgaucacucccguguag.....	49	1	GDM
.....aaugacacgaucaUucccguguag.....	7	1	GDM
.....aaugacaAgaucacucccguguag.....	3	1	GDM
.....aaugacGcgaucacucccguguag.....	63	1	GDM
.....aUugacacgaucacucccguguag.....	4	1	GDM
.....aaugacacgaucacuUccguugag.....	8	1	GDM
.....aaugacacgaucacuAccguugag.....	3	1	GDM
.....aaugacacgaucacAcccguguag.....	10	1	GDM
.....aaugacacgaucacucccguguagC.....	23	1	GDM
.....aaugUcacgaucacucccguguag.....	7	1	GDM

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugaugggcaccggagaagccaucgggaaugucgugcccccagugcucuuc

.....aaAgacacgaucacucccgugag.....	8	1	GDM
.....aaugacacgaucacuccAgugag.....	4	1	GDM
.....aaugacacAaucacucccgugag.....	8	1	GDM
.....aaugacacgaucacucccgAgag.....	5	1	GDM
.....aauAacacgaucacucccgugag.....	15	1	GDM
.....aauAacacgaucacucccgugag.....	15	1	GDM
.....aaugacacgaucGcucccgugag.....	9	1	GDM
.....aaugacacgGucacucccgugag.....	23	1	GDM
.....aaugacacgaucacucUcgugag.....	1	1	GDM
.....aaugacacgaucacucAcgugag.....	7	1	GDM
.....aaugacacgaucacucccgugG.....	34	1	GDM
.....aaugacacgUucacucccgugag.....	1	1	GDM
.....aaugacacgaucacuccGgugag.....	1	1	GDM
.....aaugacacgaAacacucccgugag.....	11	1	GDM
.....aCugacacgaucacucccgugag.....	5	1	GDM
.....aaugaGacgaucacucccgugag.....	3	1	GDM
.....aaugacacgaucacuccCuugag.....	3	1	GDM
.....aaugacacgaucacucccgugG.....	34	1	GDM
.....aaugacacgaucCucccgugag.....	3	1	GDM
.....aauAacacgaucacucccgugag.....	15	1	GDM
.....aaugacacgaucacCccgugag.....	25	1	GDM
.....aaugacacgauGacucccgugag.....	1	1	GDM
.....aaugacacUaucacucccgugag.....	3	1	GDM
.....aGugacacgaucacucccgugag.....	32	1	GDM
.....aaugacacgaucUucccgugag.....	2	1	GDM
.....aaugacacgaucacucccgugagA.....	271	1	GDM
.....aaugacacgaucacuUccgugag.....	2	1	GDM
.....aaugacGcgaucacucccgugag.....	34	1	GDM
.....aaugacGcgaucacucccgugag.....	34	1	GDM
.....aaugacaUgacacucccgugag.....	6	1	GDM
.....aaugacacgaucacCccgugag.....	25	1	GDM
.....aaugacacgaCcacucccgugag.....	30	1	GDM
.....aaugacacgaucacucccgGugag.....	8	1	GDM
.....aaugacacgaucacucccgCugag.....	28	1	GDM
.....aaugacacgaCcacucccgugag.....	30	1	GDM
.....aaugacacgaucacucccgugagC.....	376	1	GDM
.....aaugacacgaucacGccgugag.....	2	1	GDM
.....aaugacacgaucacucccgugag.....	5286	0	GDM
.....aaugUcacgaucacucccgugag.....	3	1	GDM
.....aaugacacgaucGcucccgugag.....	9	1	GDM
.....aaugacacgaucacucccgGugag.....	8	1	GDM
.....aaugGcacgaucacucccgugag.....	26	1	GDM
.....aaugaAacgaucacucccgugag.....	3	1	GDM
.....aaugacacgaucacucccgAgag.....	5	1	GDM
.....aGugacacgaucacucccgugag.....	32	1	GDM
.....aaugacacgaucacucccgugagG.....	37	1	GDM
.....aaugacacgaucGcucccgugag.....	9	1	GDM
.....aauCacacgaucacucccgugag.....	1	1	GDM
.....aaAgacacgaucacucccgugag.....	6	1	GDM
.....Gaugacacgaucacucccgugag.....	18	1	GDM
.....aaugacacgauAacucccgugag.....	1	1	GDM
.....aaugacacgaucacucccgCugag.....	28	1	GDM
.....aaAgacacgaucacucccgugag.....	6	1	GDM
.....aaugacUcgacacucccgugag.....	8	1	GDM
.....aaugacacgGucacucccgugag.....	23	1	GDM
.....aaugacacAaucacucccgugag.....	8	1	GDM
.....aaugacacgaucacucccgugagC.....	376	1	GDM
.....Caugacacgaucacucccgugag.....	3	1	GDM
.....aaugacacgaucacucccgugUg.....	5	1	GDM
.....aaugacacgaucacuAccgugag.....	1	1	GDM
.....aauUacacgaucacucccgugag.....	1	1	GDM
.....aaugacacgaucacucccgugagA.....	271	1	GDM
.....aaugGcacgaucacucccgugag.....	26	1	GDM
.....aaugacacgaucacucAcgugag.....	7	1	GDM
.....aaCgacacgaucacucccgugag.....	24	1	GDM
.....aaugacacCaucacucccgugag.....	1	1	GDM
.....aaugacacgaucacucccgugagG.....	37	1	GDM
.....aaugacacgaucacucccgugagA.....	271	1	GDM
.....aaugacacgaucacuccUgugag.....	18	1	GDM



hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugaugggcaccggagaagccaucgggaaugucguguccccagugcucuuc

.....Gaugacacgaucacucccgugagu.....	18	1	GDM
.....aGugacacgaucacucccgugagu.....	32	1	GDM
.....aaugacacgaucacucccgugagu.....	22	1	GDM
.....aaugacacgaucacucccgugagu.....	3	1	GDM
.....aaugacacgaucacucccgugagu.....	3	1	GDM
.....aaugacacgaucacucccgugagu.....	8	1	GDM
.....aaugacacgaucacucccgugagu.....	1	1	GDM
.....aaugacacgaucacucccgugagu.....	7	1	GDM
.....aaugacacgaucacucccgugagu.....	4	1	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaugacacgaucacucccgugagu.....	3	1	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaugacacgaucacucccgugagu.....	8	1	GDM
.....aaugacacgaucacucccgugagu.....	3	1	GDM
.....aaugacacgaucacucccgugagu.....	18	1	GDM
.....aaugacacgaucacucccgugagu.....	23	1	GDM
.....aaugacacgaucacucccgugagu.....	1	1	GDM
.....aaugacacgaucacucccgugagu.....	5286	0	GDM
.....aaugacacgaucacucccgugagu.....	1	1	GDM
.....aaugacacgaucacucccgugagu.....	22	1	GDM
.....aaugacacgaucacucccgugagu.....	8	1	GDM
.....aaugacacgaucacucccgugagu.....	34	1	GDM
.....aaugacacgaucacucccgugagu.....	5286	0	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaugacacgaucacucccgugagu.....	4	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	26	1	GDM
.....aaugacacgaucacucccgugagu.....	28	1	GDM
.....aaugacacgaucacucccgugagu.....	30	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	25	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	4	1	GDM
.....Gaugacacgaucacucccgugagu.....	18	1	GDM
.....aaugaUacgaucacucccgugagu.....	4	1	GDM
.....aaugacacgaucacucccgugagu.....	37	1	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaCgacacgaucacucccgugagu.....	24	1	GDM
.....aaugacacgaucacucccgugagu.....	3	1	GDM
.....aCugacacgaucacucccgugagu.....	5	1	GDM
.....aaugacacgaucacucccgugagu.....	2	1	GDM
.....aaAagacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	18	1	GDM
.....Uaugacacgaucacucccgugagu.....	8	1	GDM
.....aaugacacgaucacucccgugagu.....	4	1	GDM
.....aaugacacgaucacucccgugagu.....	5	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....Uaugacacgaucacucccgugagu.....	8	1	GDM
.....aaugacacgaucacucccgugagu.....	3	1	GDM
.....aaugacacgaucacucccgugagu.....	22	1	GDM
.....aaugacacgaucacucccgugagu.....	11	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	1	1	GDM
.....aaugacacgaucacucccgugagu.....	376	1	GDM
.....aaugacacgaucacucccgugagu.....	34	1	GDM
.....aaugacacgaucacucccgugagu.....	8	1	GDM
.....aaCgacacgaucacucccgugagu.....	24	1	GDM
.....aaugacacgaucacucccgugagu.....	3	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	6	1	GDM
.....aaugacacgaucacucccgugagu.....	1	1	GDM
.....augacacgaucacucccgA.....	1	1	GDM
.....augacacgaucacucccg.....	29	0	GDM
.....augacacgaucacucccg.....	29	0	GDM
.....augacacgaucacucccgA.....	1	1	GDM

gaaagcgcuuuggaaugacacgcaucacucccgugagugggcacccgagaagccaucgggaugucgugcccccagugcucuuuu

.....augacacgcaucacucccg.....	29	0	GDM
.....augacacgcaucacucccguu.....	12	0	GDM
.....augacacgcaucacucccguc.....	1	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	12	0	GDM
.....augacacgcaucacucccgua.....	1	1	GDM
.....augacacgcaucacucccguu.....	12	0	GDM
.....augacacgcaucacucccguu.....	2	1	GDM
.....augacacgcaucacucccguu.....	3	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	48	0	GDM
.....augacacgcaucacucccguu.....	4	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	48	0	GDM
.....augacacgcaucacucccguu.....	48	0	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	2	1	GDM
.....augacacgcaucacucccguu.....	18	0	GDM
.....augacacgcaucacucccguu.....	18	0	GDM
.....augacacgcaucacucccguu.....	18	0	GDM
.....Gugacacgcaucacucccguu.....	8	1	GDM
.....augacacgcaucacucccguu.....	4	1	GDM
.....augacacgcaucacucccguu.....	12	1	GDM
.....augacacgcaucacucccguu.....	10	1	GDM
.....augacacgcaucacucccguu.....	10	1	GDM
.....augacacgcaucacucccguu.....	1	1	GDM
.....auUacacgcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	67	1	GDM
.....augacacgcaucacucccguu.....	10	1	GDM
.....augacacgcaucacucccguu.....	12	1	GDM
.....augacacgcaucacucccguu.....	4	1	GDM
.....augacacgcaucacucccguu.....	3	1	GDM
.....aAgacacgcaucacucccguu.....	3	1	GDM
.....augacacgcaucacucccguu.....	11	1	GDM
.....augacacgcaucacucccguu.....	11	1	GDM
.....augacacgcaucacucccguu.....	11	1	GDM
.....augacacgcaucacucccguu.....	2	1	GDM
.....augUcagcaucacucccguu.....	1	1	GDM
.....augacacgcaucacucccguu.....	3	1	GDM
.....augacacgcaucacucccguu.....	3	1	GDM
.....augacacgcaucacucccguu.....	4	1	GDM
.....augacacgcaucacucccguu.....	4	1	GDM
.....Gugacacgcaucacucccguu.....	8	1	GDM
.....augacacgcaucacucccguu.....	9	1	GDM
.....augacacgcaucacucccguu.....	6	1	GDM
.....Cugacacgcaucacucccguu.....	2	1	GDM
.....augacacgcaucacucccguu.....	2	1	GDM
.....augacacgcaucacucccguu.....	67	1	GDM
.....augaUacgcaucacucccguu.....	4	1	GDM
.....aAgacacgcaucacucccguu.....	3	1	GDM
.....Uugacacgcaucacucccguu.....	1	1	GDM
.....augGcagcaucacucccguu.....	10	1	GDM
.....aCgacacgcaucacucccguu.....	5	1	GDM
.....augacacgcaucacucccguu.....	1464	0	GDM
.....augacacgcaucacucccguu.....	6	1	GDM
.....augacacgcaucacucccguu.....	3	1	GDM
.....augacacgcaucacucccguu.....	9	1	GDM
.....augacacgcaucacucccguu.....	2	1	GDM
.....augacacgcaucacucccguu.....	2	1	GDM
.....augacacgcaucacucccguu.....	3	1	GDM
.....augacacgcaucacucccguu.....	10	1	GDM
.....augacacgcaucacucccguu.....	4	1	GDM

gaaagcgcuuuggaaugacacgaucacuccccguugagugggcacccgagaagccaucgggaaugucgugccccaguccucuuuc

.....augacacg	1	1	GDM
.....aCgacacg	5	1	GDM
.....augacacg	1	1	GDM
.....augacacg	3	1	GDM
.....augacaAg	1	1	GDM
.....augacacg	1	1	GDM
.....augacacg	1	1	GDM
.....augacacg	9	1	GDM
.....augacacg	5	1	GDM
.....augacacg	5	1	GDM
.....augacacg	4	1	GDM
.....auAacacg	2	1	GDM
.....augacacg	10	1	GDM
.....augacacg	3	1	GDM
.....augacacg	11	1	GDM
.....augacacg	10	1	GDM
.....augacacg	1	1	GDM
.....augacacg	1	1	GDM
.....augacGc	11	1	GDM
.....augacacg	6	1	GDM
.....augacacg	1	1	GDM
.....augacacg	2	1	GDM
.....augacacg	10	1	GDM
.....augacacg	2	1	GDM
.....augacacg	11	1	GDM
.....aGgacacg	1	1	GDM
.....augacacg	3	1	GDM
.....augacacg	67	1	GDM
.....auAacacg	2	1	GDM
.....augacacg	1	1	GDM
.....augacacg	12	1	GDM
.....augCcacg	1	1	GDM
.....augacacg	1464	0	GDM
.....augacaUg	1	1	GDM
.....Gugacacg	8	1	GDM
.....augacacg	4	1	GDM
.....augacacg	1464	0	GDM
.....augGcacg	10	1	GDM
.....augacacg	79	1	GDM
.....Gugacacg	7	1	GDM
.....augaUcacg	2	1	GDM
.....augUcacg	4	1	GDM
.....augacacg	2	1	GDM
.....augacacg	7	1	GDM
.....aCgacacg	5	1	GDM
.....augacacg	4	1	GDM
.....augacacg	6	1	GDM
.....augacacg	64	1	GDM
.....augacUc	3	1	GDM
.....augacacg	8	1	GDM
.....augacacg	79	1	GDM
.....Uugacacg	1	1	GDM
.....augacacg	4	1	GDM
.....augacacg	3	1	GDM
.....augacacg	8	1	GDM
.....augacacg	6	1	GDM
.....aCgacacg	5	1	GDM
.....augacacg	4	1	GDM
.....augacGc	3	1	GDM
.....augacacg	8	1	GDM
.....augacUc	3	1	GDM
.....augacacg	1	1	GDM
.....augacacg	8	1	GDM
.....Gugacacg	7	1	GDM
.....augGcacg	4	1	GDM
.....augacaUg	2	1	GDM
.....auAacacg	1	1	GDM
.....augacacg	1	1	GDM
.....augacacg	4	1	GDM

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugagugggcaccgagaagccaucgggaugucgugcccccagugcucuuc

.....augacacgaucacucccgugagu.....	1000	0	GDM
.....augacacgaucacucccgugagG.....	8	1	GDM
.....augacacgaCcacucccgugagu.....	8	1	GDM
.....augacacgaucGcuucccgugagu.....	6	1	GDM
.....augacacgaucacucccgucGagu.....	2	1	GDM
.....augacacgauUacucccgugagu.....	1	1	GDM
.....aCgacacgaucacucccgugagu.....	5	1	GDM
.....augacacgaCcacucccgugagu.....	8	1	GDM
.....augUcacgaucacucccgugagu.....	4	1	GDM
.....augacacgaucacucccguuCagu.....	1	1	GDM
.....augacacgaucacucccgugagu.....	1000	0	GDM
.....augacacgaucacucccgugGgu.....	4	1	GDM
.....aGgacacgaucacucccgugagu.....	1	1	GDM
.....augacacgaAacucccgugagu.....	3	1	GDM
.....Gugacacgaucacucccgugagu.....	7	1	GDM
.....augacacgaucacucccgugagA.....	64	1	GDM
.....augacacgaucacucccgucAgagu.....	1	1	GDM
.....augacacgaucacCcccgugagu.....	7	1	GDM
.....augacacgaucacucccgucGugagu.....	8	1	GDM
.....augacacgaucacuccUgugagu.....	1	1	GDM
.....augacacgaucacucccgugagA.....	64	1	GDM
.....augGcacgaucacucccgugagu.....	4	1	GDM
.....augacacgaucacucccgucGugagu.....	8	1	GDM
.....augacGcgauacucccgugagu.....	3	1	GDM
.....augacacgauAacucccgugagu.....	1	1	GDM
.....augacacgaucacucccgugagu.....	1000	0	GDM
.....augacacgaucacucccgugagC.....	79	1	GDM
.....augacacgaucaUucccgugagu.....	1	1	GDM
.....ugacacgaucacucccguga.....	3	0	GDM
.....uAacacgaucacucccgugag.....	1	1	GDM
.....ugacacgaucacucccgugag.....	15	0	GDM
.....ugacacgaucacucccgugag.....	15	0	GDM
.....ugacacgaucacucccgugag.....	15	0	GDM
.....ugacacgaucacCcccgugag.....	1	1	GDM
.....ugacacgaucacucccgugagu.....	238	0	GDM
.....ugacacgaucCcuucccgugagu.....	1	1	GDM
.....ugacacUaucacucccgugagu.....	1	1	GDM
.....ugacacgaucacucccgugagC.....	15	1	GDM
.....ugacacgaucacucccgucGugagu.....	4	1	GDM
.....ugacacgaucacucccgugagA.....	8	1	GDM
.....Cgacacgaucacucccgugagu.....	1	1	GDM
.....ugacacgaCcacucccgugagu.....	5	1	GDM
.....ugacacgaucGcuucccgugagu.....	3	1	GDM
.....ugacacgaucacucccgugagu.....	238	0	GDM
.....ugacacgaucGcuucccgugagu.....	3	1	GDM
.....ugacGcgauacucccgugagu.....	1	1	GDM
.....ugacacgaucacucccgugagu.....	238	0	GDM
.....ugacaUgaucacucccgugagu.....	1	1	GDM
.....ugacacgaucacAucccgugagu.....	1	1	GDM
.....Ggacacgaucacucccgugagu.....	1	1	GDM
.....ugacacgaucacucccgugGgu.....	2	1	GDM
.....ugacacgaucacucccgugagA.....	8	1	GDM
.....ugacacgaucacucUcgugagu.....	2	1	GDM
.....ugacacgaucacucccgugGgu.....	2	1	GDM
.....ugacacgaucacucccgugagC.....	15	1	GDM
.....ugacacgaucacucccgugagC.....	15	1	GDM
.....ugacacgaCcacucccgugagu.....	5	1	GDM
.....ugacacgUucacucccgugagu.....	3	1	GDM
.....gacacgaucacucccgugag.....	1	0	GDM
.....cgauacucccgugagu.....	1	0	GDM
.....ccaucgggaaugucguguc.....	6	0	GDM
.....ccaucgggaaugucgugua.....	1	1	GDM
.....ccaucgggaaugucguguc.....	6	0	GDM
.....ccaucgggaaugucguguU.....	1	1	GDM
.....ccaucgggaaugucguguc.....	6	0	GDM
.....ccaucgggaaugucgugucU.....	9	1	GDM
.....ccaucgggaaugucgugucA.....	2	1	GDM
.....ccaucAggaaugucgugucc.....	1	1	GDM
.....ccaucgggaaugucgugucU.....	9	1	GDM

gaaagcgcuuuggaauagacacgaucacuccguugaugggcacccgagaagccaucgggaaugucguguccccagugcucuuc

.....ccaucgggaaugucgugucc.....	27	0	GDM
.....ccaucgggaaugucgugucc.....	27	0	GDM
.....ccaucgggaaugucguguccU.....	9	1	GDM
.....ccaucgggaaugucguguccA.....	2	1	GDM
.....ccaucgggaaugucgugucc.....	27	0	GDM
.....ccaucgggaaugucguguccg.....	2	0	GDM
.....ccaucgggaaugucguguccg.....	2	0	GDM
.....caucgggaaugucguguccU.....	1	1	GDM
.....caucgggaCugucgugucc.....	5	1	GDM
.....caucgggaaugucgugucc.....	21	0	GDM
.....caucgggaaugucguguccA.....	1	1	GDM
.....caucgggaaugucgugucc.....	21	0	GDM
.....caucgggaaugucgugucc.....	21	0	GDM
.....caucgggaaugucguguccA.....	4	1	GDM
.....caucgggaaugucguguccA.....	1	1	GDM
.....caucgggaaugucguguccU.....	18	1	GDM
.....caucgggaaugucgugucc.....	21	0	GDM
.....caucgggaaugucguguccU.....	18	1	GDM
.....caucgggaaugucgugucc.....	21	0	GDM
.....caucgggaaugCcgucguccg.....	1	1	GDM
.....caucgggUaugucguguccg.....	1	1	GDM
.....caucgggaaugucguguccC.....	1	1	GDM
.....caucgggaaugucguguccCccg.....	1	1	GDM
.....caucgggaaugucguguccg.....	101	0	GDM
.....caucgggaaugucguguccg.....	101	0	GDM
.....caucgggaaugucguguccg.....	101	0	GDM
.....caucgggaaugucguguccg.....	101	0	GDM
.....caucgggaaugucguguccA.....	7	1	GDM
.....caucgggaaugucguguccA.....	7	1	GDM
.....caucgggaaugucguguccgU.....	9	1	GDM
.....caucgggaaugAcgucguccg.....	1	1	GDM
.....caucgggaaugucguguccgU.....	9	1	GDM
.....caucgggaaugucguguccg.....	13	0	GDM
.....caucgggaaugucguguccgU.....	9	1	GDM
.....caucgggaaugucguguccg.....	13	0	GDM
.....caucgggaaugucguguccg.....	13	0	GDM
.....Uaucgggaaugucguguccgcc.....	1	1	GDM
.....caucgggaaugucguguccgA.....	39	1	GDM
.....caucgggaaugucguguccgU.....	162	1	GDM
.....caucAggaaugucguguccgcc.....	2	1	GDM
.....caucgggaaugucguguccgcc.....	5	1	GDM
.....caucgggaaugucguguccgcc.....	2	1	GDM
.....caucgggaaugucguguccgA.....	39	1	GDM
.....caucgggaaugucguguccgcc.....	1	1	GDM
.....caucgggaaugucguguccgcc.....	5	1	GDM
.....caGcgggaaugucguguccgcc.....	1	1	GDM
.....caucgggaaugucguguccgcc.....	404	0	GDM
.....caucgggaaugucguguccgcc.....	2	1	GDM
.....caucgggaaugAcgucguccgcc.....	2	1	GDM
.....caucgggUaugucguguccgcc.....	1	1	GDM
.....caucgggaaugucguguccgA.....	39	1	GDM
.....caucgggaauAucguguccgcc.....	1	1	GDM
.....caucgggaaugCcgucguccgcc.....	1	1	GDM
.....caucgggaGugucguguccgcc.....	1	1	GDM
.....caucgggaaugucguguccgcc.....	404	0	GDM
.....caucgggaaugucguguccCcc.....	2	1	GDM
.....caucAggaaugucguguccgcc.....	2	1	GDM
.....caucgggaaugucguguccgG.....	1	1	GDM
.....caucgggaaugucAuguccgcc.....	4	1	GDM
.....caucgggaaugucAuguccgcc.....	4	1	GDM
.....caucgggaaugucguguccgU.....	162	1	GDM
.....cUucgggaaugucguguccgcc.....	1	1	GDM
.....caucgggaaugUugucguccgcc.....	1	1	GDM
.....caucgggaaugucguguccgcc.....	404	0	GDM
.....caucgggaaugAcgucguccgcc.....	2	1	GDM
.....caucgggaaugucguguccAgcc.....	1	1	GDM
.....caucgggaaugucguguccgcc.....	5	1	GDM
.....caucgggaaugucguguccgU.....	162	1	GDM

gaaagcgcuuuggaaugacacgaucacuccgugagugggcaccgagaagccaucgggaaugucguguccgccagugcucuuc

.....caucgggaaugucguguccgccG.....	5	1	GDM
.....caucgggaaugucguguccgccU.....	7	1	GDM
.....caucgggaaugucguguccgccU.....	7	1	GDM
.....caucgggaaugucguguccgccA.....	10	1	GDM
.....caucgggaaugucguguccgccG.....	5	1	GDM
.....caucgggaaugucguguccgccA.....	10	1	GDM
.....caucgggaaugucguguccgccU.....	7	1	GDM
.....caucgggaaugucguguccgcc.....	1	0	GDM
.....caucgggaaugucguguccgccU.....	2	1	GDM
.....aucgggaaugucguguccg.....	2	0	GDM
.....aucgggaaugucguguccg.....	2	0	GDM
.....aucgggaaugucguguccgU.....	1	1	GDM
.....aucgggaaugucguguccgUgc.....	1	1	GDM
.....aucgggaaugucguguccgc.....	2	0	GDM
.....aucgggaaugucguguccC.....	1	1	GDM
.....aucgggaaugucguguccgcU.....	16	1	GDM
.....aucgggaaugucguguccgcU.....	16	1	GDM
.....aucgggaaugucguguccgcc.....	2	1	GDM
.....Cucgggaaugucguguccgcc.....	1	1	GDM
.....aucgggaaugucguguccgcc.....	78	0	GDM
.....aucgggaaugucguguccgcU.....	16	1	GDM
.....aucgggaaugucguguccgcc.....	78	0	GDM
.....aucgggaaugucguguccgc.....	1	1	GDM
.....aucgggaaugucguguccgcA.....	4	1	GDM
.....aucgggaaugucguguccgcA.....	4	1	GDM
.....aucUgggaaugucguguccgcc.....	1	1	GDM
.....aucgggaaugucguguccgcc.....	78	0	GDM
.....aucgggaaugucguguccgccU.....	5	1	GDM
.....aucgggaaugucguguccgcc.....	9	0	GDM
.....aucgggaaugucguguccgcc.....	9	0	GDM
.....aucgggaaugucguguccgcc.....	9	0	GDM
.....aucgggaaugucguguccgccA.....	2	1	GDM
.....aucgggaaugucguguccgcc.....	1	1	GDM
.....aucgggaaugucguguccgccU.....	5	1	GDM
.....aucgggaaugucguguccgccU.....	2	1	GDM
.....ucgggaaugucguguccgc.....	1	0	GDM
.....ucgggaaugucguguccgcU.....	1	1	GDM
.....ucgggaaugucguguccgcc.....	1	0	GDM
.....ucgggaaugucguguccgcc.....	1	0	GDM
.....ucgggaaugucguguccgccA.....	1	1	GDM
.....aaugacacgaucacucc.....	2	0	Z1_
.....aaugacacgaucacuccg.....	22	0	Z1_
.....aaugacacgaucacuccA.....	1	1	Z1_
.....aaugaUacgaucacuccg.....	1	1	Z1_
.....aaugacacgaucacuccgG.....	6	1	Z1_
.....aaugacacgUacacuccg.....	1	1	Z1_
.....Caugacacgaucacuccg.....	1	1	Z1_
.....aaugacacgaucacuUccg.....	1	1	Z1_
.....aaUAcacgaucacuccg.....	1	1	Z1_
.....aGugacacgaucacuccg.....	1	1	Z1_
.....aaugacacgaucacCccg.....	3	1	Z1_
.....aaugacacgaucacuccUg.....	1	1	Z1_
.....aaugacacgaucacuccg.....	497	0	Z1_
.....aaAgacacgaucacuccg.....	1	1	Z1_
.....Uaugacacgaucacuccg.....	2	1	Z1_
.....aaugacacgaucacuccgC.....	19	1	Z1_
.....aaugacacgauUacuccg.....	1	1	Z1_
.....aaugGcacgaucacuccg.....	2	1	Z1_
.....aaugacaUgacacuccg.....	1	1	Z1_
.....aaugacacgaucacuccgA.....	3	1	Z1_
.....aaCgacacgaucacuccg.....	4	1	Z1_
.....aaugacacgaucacUcg.....	1	1	Z1_
.....Gaugacacgaucacuccg.....	2	1	Z1_
.....aaugacacgaCcacuccg.....	5	1	Z1_
.....aaugacGcgacacuccg.....	6	1	Z1_
.....aaugacacgaucaUuccg.....	3	1	Z1_
.....aaugacacgaCcacuccgu.....	2	1	Z1_
.....aaugacacgauUacuccgu.....	7	1	Z1_

gaaagcgcuuuggaaugacacgaucacucccgugauggggcaccggagaagccaucgggaaugucguguccgccagugcucuuc

.....aaugacacgaucacucccgUG.....	1	1	Z1_
.....aaugacacgaucacCuccgUu.....	1	1	Z1_
.....aaugacacgaucacucccgUu.....	444	0	Z1_
.....aaugGcacgaucacucccgUu.....	1	1	Z1_
.....aCugacacgaucacucccgUu.....	1	1	Z1_
.....aaugacacgaucacucccgAU.....	1	1	Z1_
.....aaugacacgaucacucccgCu.....	2	1	Z1_
.....aaCgacacgaucacucccgUu.....	1	1	Z1_
.....aaugacacgaucacucccgGU.....	1	1	Z1_
.....aaugacacUaucacucccgUu.....	2	1	Z1_
.....aaugacGcgacacucccgUu.....	3	1	Z1_
.....aGugacacgaucacucccgUu.....	2	1	Z1_
.....aaUAcacgaucacucccgUu.....	1	1	Z1_
.....aaugacacgaucacucccCUu.....	1	1	Z1_
.....UaugacacgaucacucccgUu.....	2	1	Z1_
.....aaugacacgaucGcucccgUu.....	3	1	Z1_
.....aaugacacgaucacucccgUC.....	37	1	Z1_
.....aaugacacgaucacucccAUu.....	1	1	Z1_
.....aaugUcacgaucacucccgUu.....	1	1	Z1_
.....aaugacacgaucacuUccgUu.....	1	1	Z1_
.....aaugacaUgaucacucccgUu.....	1	1	Z1_
.....aaugaUacgaucacucccgUu.....	2	1	Z1_
.....aaugacacgaucacucccgUA.....	2	1	Z1_
.....GaugacacgaucacucccgUug.....	9	1	Z1_
.....aaugacacgaucUcucccgUug.....	1	1	Z1_
.....aaugaUacgaucacucccgUug.....	1	1	Z1_
.....aaugacacgaucacucccgUUA.....	48	1	Z1_
.....aaugGcacgaucacucccgUug.....	6	1	Z1_
.....aaugacacgaucacucccgCUG.....	3	1	Z1_
.....aaUAcacgaucacucccgUug.....	1	1	Z1_
.....aaugacacgauUacucccgUug.....	6	1	Z1_
.....aaugacacgaCcacucccgUug.....	6	1	Z1_
.....aaugacacAUaucacucccgUug.....	1	1	Z1_
.....aGugacacgaucacucccgUug.....	1	1	Z1_
.....aaugacacgaucacuUccgUug.....	1	1	Z1_
.....aaugacaUgaucacucccgUug.....	2	1	Z1_
.....aaugUcacgaucacucccgUug.....	2	1	Z1_
.....aaugacacgaucacAcccgUug.....	1	1	Z1_
.....aUugacacgaucacucccgUug.....	1	1	Z1_
.....aaugacacgaucacCcccgUug.....	7	1	Z1_
.....aaugacGcgacacucccgUug.....	3	1	Z1_
.....aaCgacacgaucacucccgUug.....	4	1	Z1_
.....aaugacacgaucacucccAUug.....	1	1	Z1_
.....aaugacacgaucacucccgUu.....	859	0	Z1_
.....aaugacacgaucacucccgUCg.....	3	1	Z1_
.....aaugacacgaucacucccgGUG.....	1	1	Z1_
.....aaugacacgaucacucccUuug.....	1	1	Z1_
.....aaugacacgaucacucccgAUg.....	1	1	Z1_
.....aaugacacgaucacuUccgUug.....	1	1	Z1_
.....aaugacaGgaucacucccgUug.....	1	1	Z1_
.....UaugacacgaucacucccgUug.....	1	1	Z1_
.....aaugacacgaucacucccgUAg.....	1	1	Z1_
.....aaugacacgGUcacucccgUug.....	8	1	Z1_
.....aaugacacgaucacucccgUuU.....	10	1	Z1_
.....aaugacacgaucacucccgUuGU.....	29	1	Z1_
.....aaugacacgaucacucccgCUga.....	2	1	Z1_
.....aaugacacgaucacCcccgUuga.....	1	1	Z1_
.....aaugGcacgaucacucccgUuga.....	2	1	Z1_
.....aaugacacgGUcacucccgUuga.....	5	1	Z1_
.....GaugacacgaucacucccgUuga.....	1	1	Z1_
.....aGugacacgaucacucccgUuga.....	1	1	Z1_
.....aaugacacgaucacucccgUugC.....	1	1	Z1_
.....aaugacacgaucacucccgUCga.....	2	1	Z1_
.....UaugacacgaucacucccgUuga.....	2	1	Z1_
.....aaugUcacgaucacucccgUuga.....	1	1	Z1_
.....aaugacacgaucacuUccgUuga.....	2	1	Z1_
.....aaCgacacgaucacucccgUuga.....	2	1	Z1_
.....aaugacacgaucUcucccgUuga.....	2	1	Z1_
.....aaugacGcgacacucccgUuga.....	4	1	Z1_

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgguugaugggcaccggagaagccaucgggaaugucgugucgcccagugcucuuc

.....aaugacacgaucacuccUguuga.....	1	1	Z1_
.....aaugacacgaucacucccgguugG.....	10	1	Z1_
.....aaugacacgaucGcuuccgguuga.....	1	1	Z1_
.....aaugacacgaucacucccgguuga.....	331	0	Z1_
.....aaugaUacgaucacucccgguuga.....	1	1	Z1_
.....aaugacaAgaucacucccgguugag.....	4	1	Z1_
.....aaugacacgaAacacucccgguugag.....	9	1	Z1_
.....aaugacacgaucacucccgAugag.....	6	1	Z1_
.....aaugacacgaucacucccgguugGg.....	23	1	Z1_
.....aaugacacgaCcacucccgguugag.....	26	1	Z1_
.....aaugacacgaucacAcccgguugag.....	3	1	Z1_
.....aaugacacgaucacuccgguUag.....	1	1	Z1_
.....aaGgacacgaucacucccgguugag.....	4	1	Z1_
.....aaugacacgaucacucccUuugag.....	1	1	Z1_
.....aaugacacgaucacucccCuugag.....	1	1	Z1_
.....aaugacacgaucacucccgguugag.....	4913	0	Z1_
.....aaugaGcgaucacucccgguugag.....	33	1	Z1_
.....aaugaUacgaucacucccgguugag.....	9	1	Z1_
.....aaugacacgaucacucccgGugag.....	11	1	Z1_
.....aaugacacgaucacuAccgguugag.....	1	1	Z1_
.....Caugacacgaucacucccgguugag.....	5	1	Z1_
.....aGugacacgaucacucccgguugag.....	17	1	Z1_
.....aaugacacgaucacuccAguugag.....	2	1	Z1_
.....aaugacacgaucUcucccgguugag.....	9	1	Z1_
.....aaugacacUaucacucccgguugag.....	2	1	Z1_
.....aaugacacgaucacucccgguugUg.....	1	1	Z1_
.....aaugGcaggaucacucccgguugag.....	16	1	Z1_
.....aaugacacgaucacucccgguugaU.....	5	1	Z1_
.....aaugacacgUucacucccgguugag.....	5	1	Z1_
.....aaugacacgaucacucccgCugag.....	23	1	Z1_
.....aaugacacgaucacucAcgguugag.....	2	1	Z1_
.....aaugacacgaucacucccgguuAag.....	3	1	Z1_
.....aaugacacgaucacucccgCgag.....	12	1	Z1_
.....aaugacacgGucacucccgguugag.....	27	1	Z1_
.....aaugacacgaucacucccgguugaA.....	228	1	Z1_
.....aaugacacgaucGcuuccgguugag.....	27	1	Z1_
.....Gaugacacgaucacucccgguugag.....	37	1	Z1_
.....aaugacUcgaucacucccgguugag.....	2	1	Z1_
.....aaugacacgauUacuccgguugag.....	3	1	Z1_
.....aaUAcacgaucacucccgguugag.....	5	1	Z1_
.....aaugacacgaucCcuuccgguugag.....	2	1	Z1_
.....aaugacacgaucacucccAuugag.....	2	1	Z1_
.....aaCgacacgaucacucccgguugag.....	29	1	Z1_
.....aaugacacCaucacucccgguugag.....	1	1	Z1_
.....aaugacaGgaucacucccgguugag.....	3	1	Z1_
.....aaugacacgaucacucUcguugag.....	6	1	Z1_
.....aaugCcacgaucacucccgguugag.....	3	1	Z1_
.....aaugacacgaucacucccgguugCg.....	2	1	Z1_
.....aaugacacgaucacucccgguugaC.....	10	1	Z1_
.....aaugacaUgaucacucccgguugag.....	6	1	Z1_
.....aaugacacAaucacucccgguugag.....	9	1	Z1_
.....aaugacacgaucacuccGguugag.....	1	1	Z1_
.....aaugacacgaucacuUccguugag.....	6	1	Z1_
.....aaugacacgaucacucccgguuAag.....	4	1	Z1_
.....aaugacacgaucacucccgguuAagu.....	4	1	Z1_
.....aaugacacgaucacucUcguugagu.....	5	1	Z1_
.....aaugacacgaucacucccgAugagu.....	2	1	Z1_
.....Uaugacacgaucacucccgguugagu.....	6	1	Z1_
.....aaugacacgaucacuccAguugagu.....	1	1	Z1_
.....aaugacacAaucacucccgguugagu.....	3	1	Z1_
.....aaugacacgGucacucccgguugagu.....	14	1	Z1_
.....aaugacacgaucacuUccguugagu.....	1	1	Z1_
.....aaugGcaggaucacucccgguugagu.....	8	1	Z1_



hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugaugggcaccggagaagccaucgggaaugucgugcccccagugcucuuc

.....aGugacacgaucacucccgugagu.....	11	1	Z1_
.....aaugacacgaucacucccgugagG.....	15	1	Z1_
.....Caugacacgaucacucccgugagu.....	1	1	Z1_
.....aaugacacgaucacuccUguugagu.....	9	1	Z1_
.....aaugacacgaucacucccgCugagu.....	17	1	Z1_
.....aaCgacacgaucacucccgugagu.....	9	1	Z1_
.....aaUfacacgaucacucccgugagu.....	1	1	Z1_
.....aaugacacCaucacucccgugagu.....	1	1	Z1_
.....aaugaUfacgaucacucccgugagu.....	2	1	Z1_
.....aaugacacgaucacucccgugagu.....	2366	0	Z1_
.....aaugCcacgaucacucccgugagu.....	1	1	Z1_
.....aaugacacgaucacucccAuugagu.....	8	1	Z1_
.....aaugacacUaucacucccgugagu.....	1	1	Z1_
.....aaugacacgaucacAcccgugagu.....	1	1	Z1_
.....aaugUcacgaucacucccgugagu.....	1	1	Z1_
.....aaugacacgaucacucccgugUgu.....	1	1	Z1_
.....aaugacacgaCcacucccgugagu.....	12	1	Z1_
.....aaugacUcgaucacucccgugagu.....	3	1	Z1_
.....aaugacacgauUacucccgugagu.....	4	1	Z1_
.....aaugacacgaucacucccgugagC.....	137	1	Z1_
.....aaugacacgaucacucccgugGgu.....	21	1	Z1_
.....aaugacacgaucacucccUuugagu.....	1	1	Z1_
.....aaugacacgaucacucccgugaAu.....	1	1	Z1_
.....aaugacacgaucacucccgUgagu.....	2	1	Z1_
.....Gaugacacgaucacucccgugagu.....	12	1	Z1_
.....aaugacacgaucacucccgugagA.....	151	1	Z1_
.....aaugacacgaucGcucccgugagu.....	6	1	Z1_
.....aaugacGcgaucacucccgugagu.....	14	1	Z1_
.....aaugacacgaucacucccgCgagu.....	5	1	Z1_
.....aaugacacgaucacucccgUgagu.....	1	1	Z1_
.....aCugacacgaucacucccgugagu.....	3	1	Z1_
.....aaugacacgaucacCcccgugagu.....	19	1	Z1_
.....aaugacacgaAacacucccgugagu.....	1	1	Z1_
.....aaugacacgaucacucAcgugugagu.....	1	1	Z1_
.....aaugacaUgaucacucccgugagu.....	3	1	Z1_
.....augacacgaucacucccg.....	10	0	Z1_
.....augacacgaucacucccguu.....	5	0	Z1_
.....Gugacacgaucacucccgug.....	1	1	Z1_
.....augacacgaucacucccguuA.....	1	1	Z1_
.....augacacgaucacucccgug.....	19	0	Z1_
.....augacacgaCcacucccgug.....	1	1	Z1_
.....augacacgaucacucccguga.....	10	0	Z1_
.....augacacgaucacucccgugU.....	1	1	Z1_
.....aGgacacgaucacucccgugag.....	2	1	Z1_
.....augacacgaCcacucccgugag.....	7	1	Z1_
.....augacacgaucacucccgCugag.....	4	1	Z1_
.....Uugacacgaucacucccgugag.....	5	1	Z1_
.....augacacAaucacucccgugag.....	4	1	Z1_
.....augacacgaucacucccgugUg.....	2	1	Z1_
.....augacacgaucacucccgugag.....	624	0	Z1_
.....aAgacacgaucacucccgugag.....	1	1	Z1_
.....Gugacacgaucacucccgugag.....	4	1	Z1_
.....augacGcgaucacucccgugag.....	4	1	Z1_
.....augacacgaucacAcccgugag.....	2	1	Z1_
.....augacacgauUacucccgugag.....	2	1	Z1_
.....augaUfacgaucacucccgugag.....	3	1	Z1_
.....augacacgaucacucccguuAag.....	1	1	Z1_
.....augacacgaucacucccgugGg.....	2	1	Z1_
.....augacacgaucacuccUguugag.....	4	1	Z1_
.....augacacUaucacucccgugag.....	1	1	Z1_
.....augacacgaucaUucccgugag.....	1	1	Z1_
.....augacacgaucacucccgUugag.....	2	1	Z1_
.....augacaUgaucacucccgugag.....	3	1	Z1_
.....augacacgUucacucccgugag.....	1	1	Z1_
.....augacacgUucacucccgugag.....	7	1	Z1_
.....aCgacacgaucacucccgugag.....	1	1	Z1_
.....augacacgaucacucccgUagag.....	1	1	Z1_
.....augacacgaucacucccgugaA.....	37	1	Z1_
.....augUcacgaucacucccgugag.....	2	1	Z1_

gaaagcgcuuuggaaugacacgaucacucccgugagugggcaccggagaagccaucgggaaugucgucgcccagugcucuuc

.....augacacgaucacucccgucgag.....	3	1	Z1_
.....augacacgaucacCuccguugag.....	2	1	Z1_
.....augacacgaucacucUcgugag.....	1	1	Z1_
.....augacacgaucacucccgGugag.....	2	1	Z1_
.....augGcacgaucacucccgugag.....	1	1	Z1_
.....augCcacgaucacucccgugag.....	1	1	Z1_
.....augacCcgauacacucccgugag.....	1	1	Z1_
.....augacacgaucacucccgugagC.....	12	1	Z1_
.....augacacgaucacCuccguugagu.....	1	1	Z1_
.....aCgacacgaucacucccgugagu.....	2	1	Z1_
.....augGcacgaucacucccgugagu.....	4	1	Z1_
.....augacGcgauacacucccgugagu.....	1	1	Z1_
.....augacacgaucacucccgugagA.....	20	1	Z1_
.....augacacgaucacucccgCugagu.....	1	1	Z1_
.....augacaUgauacacucccgugagu.....	3	1	Z1_
.....augacacgaucacucccgucgagu.....	7	1	Z1_
.....augaAacgaucacucccgugagu.....	1	1	Z1_
.....augacUcgauacacucccgugagu.....	1	1	Z1_
.....augaUacgaucacucccgugagu.....	1	1	Z1_
.....augacacgaucacucccgugagu.....	242	0	Z1_
.....augacacgaucGcucccgugagu.....	2	1	Z1_
.....augacacUaucacucccgugagu.....	1	1	Z1_
.....augacacgaucacucccgugaguU.....	3	1	Z1_
.....ugacacgaucacucccgug.....	1	0	Z1_
.....ugacacgaucacucccgugag.....	7	0	Z1_
.....ugacacgaucacucccgucgag.....	1	1	Z1_
.....ugacacgaucacucccgugagC.....	3	1	Z1_
.....ugacacgaucacucccgugagu.....	70	0	Z1_
.....ugacGcgauacacucccgugagu.....	1	1	Z1_
.....ugacacgaucacucccgugagA.....	1	1	Z1_
.....ugGcacgaucacucccgugagu.....	1	1	Z1_
.....ugacacgaCcacucccgugagu.....	1	1	Z1_
.....Agacacgaucacucccgugagu.....	1	1	Z1_
.....ugacacgaucacucccgugaguA.....	2	1	Z1_
.....ccaucgggaaugucgugC.....	1	1	Z1_
.....ccaucgggaaugucgugU.....	1	1	Z1_
.....ccaucgggaaugucguguc.....	3	0	Z1_
.....ccaucgggaaugucgCguc.....	1	1	Z1_
.....Gcaucgggaaugucgugucc.....	1	1	Z1_
.....ccaucgggCaugucgugucc.....	1	1	Z1_
.....ccaucgggaaugucgugucG.....	1	1	Z1_
.....ccaucgggaaugucgugucA.....	2	1	Z1_
.....ccaucgggaaugucgugucc.....	20	0	Z1_
.....ccaucgggaaugucgugucU.....	7	1	Z1_
.....ccaucgggaaugucgCgucc.....	2	1	Z1_
.....ccaucAggaaugucgugucc.....	1	1	Z1_
.....ccaucgggaaugucguguccg.....	2	0	Z1_
.....ccaucgggaaugucgugucUg.....	1	1	Z1_
.....caucgggaaugucguguc.....	15	0	Z1_
.....caucgggaaugucgugCc.....	1	1	Z1_
.....caucgggaaugucgugU.....	1	1	Z1_
.....caucgggaaugucgugucc.....	11	0	Z1_
.....caucgggaaugucgugucA.....	1	1	Z1_
.....caucgggaaugucgugCcc.....	1	1	Z1_
.....caucgggaaugucgugucU.....	2	1	Z1_
.....caucgggaaugucguguccg.....	29	0	Z1_
.....caucgggaGugucguguccg.....	2	1	Z1_
.....cUucgggaaugucguguccg.....	1	1	Z1_
.....caucgggaaugucguguccA.....	3	1	Z1_
.....caucgggaaCgucguguccg.....	2	1	Z1_
.....caucgggaaugucgugucUgc.....	2	1	Z1_
.....caucgggaaugucguguccgA.....	1	1	Z1_
.....caucgggaaugucguguccgc.....	8	0	Z1_
.....caucgggaaugucguguccgU.....	4	1	Z1_
.....caucgggaaCgucguguccgcc.....	1	1	Z1_
.....caucgggGaugucguguccgcc.....	3	1	Z1_
.....caucUggaaugucguguccgcc.....	1	1	Z1_
.....caucgggaaugucguguccgcc.....	215	0	Z1_
.....caucgggaaugucguCuccgcc.....	1	1	Z1_

gaaagcgcuuuggaaugacacgaucacuccguugagugggcacccgagaagccaaucgggaaugucguguccgccagugcucuuc

.....caucgggaaugucguguUcgcc.....	1	1	Z1_
.....caucgggaauguUguguccgcc.....	2	1	Z1_
.....caucgggaaugCcguguccgcc.....	3	1	Z1_
.....caCcggaaugucguguccgcc.....	1	1	Z1_
.....caucgggaaugucguguccgcU.....	55	1	Z1_
.....caucgggaaugucguguccgcA.....	12	1	Z1_
.....caucgggaaugucguguccgcC.....	2	1	Z1_
.....caucgggaaugucguguccgcc.....	2	0	Z1_
.....caucgggaaugucguguccgccA.....	7	1	Z1_
.....caucgggaaugucguguccgccU.....	2	1	Z1_
.....aucgggaaugucgugucUgc.....	1	1	Z1_
.....aucgggaaugucguguccgcU.....	5	1	Z1_
.....aucgggaaugucguguccgcG.....	2	1	Z1_
.....aucgggaaugucguguccgcA.....	5	1	Z1_
.....aucgggaaugucguguccgcc.....	28	0	Z1_
.....aucgggaCgucguguccgcc.....	2	1	Z1_
.....aucgggaaugucguguccgcG.....	5	1	Z1_
.....aucgggaaugucguguccgcc.....	1	0	Z1_
.....aucgggaaugucguguccgcU.....	1	1	Z1_
.....aucgggaaugucguguccgcCA.....	2	1	Z1_
.....aucgggaaugucguguccgccca.....	1	0	Z1_
.....aucgggaaugucguguccgcccaCu.....	1	1	Z1_
.....gUaaugacacgaucacuccguuga.....	1	1	Z2_
.....Uaugacacgaucacucccg.....	1	1	Z2_
.....aaugacacgGucacucccg.....	1	1	Z2_
.....aaugacacgaucacucccg.....	11	0	Z2_
.....aaugacacgaucacuccAgu.....	2	1	Z2_
.....aaugacacgaucGcucccg.....	2	1	Z2_
.....aaCgacacgaucacucccg.....	1	1	Z2_
.....aaugacacgaucacucccgA.....	1	1	Z2_
.....Gaugacacgaucacucccg.....	1	1	Z2_
.....aaugUcacgaucacucccg.....	1	1	Z2_
.....aaugacacgauUacucccg.....	1	1	Z2_
.....aaugacacgaucacucccAu.....	1	1	Z2_
.....aaugacacgaucacCcccg.....	5	1	Z2_
.....aaugacGcgaucacucccg.....	1	1	Z2_
.....aaugacacgaCcacucccg.....	2	1	Z2_
.....aaugacacgaucacucccg.....	238	0	Z2_
.....aaugacacgaucacucccgG.....	1	1	Z2_
.....aaugacacgaucacucccgC.....	16	1	Z2_
.....aaugacacgaucacCcccg.....	1	1	Z2_
.....aaugacacgaucacucccgG.....	1	1	Z2_
.....aaugacacgaucacucAcg.....	2	1	Z2_
.....aGugacacgaucacucccg.....	3	1	Z2_
.....Gaugacacgaucacucccg.....	1	1	Z2_
.....aaugacacgaAcacucccg.....	3	1	Z2_
.....aaugUcacgaucacucccg.....	2	1	Z2_
.....aaugacacgaucacUucccg.....	1	1	Z2_
.....aaugacacgaucUcucccg.....	1	1	Z2_
.....aaugacacgaucacucccg.....	415	0	Z2_
.....Uaugacacgaucacucccg.....	2	1	Z2_
.....aaugacGcgaucacucccg.....	1	1	Z2_
.....aaugacacgaucacucccAu.....	1	1	Z2_
.....aaugacacgaucacucccgCu.....	3	1	Z2_
.....aaugacacAaucacucccg.....	4	1	Z2_
.....aaugacacgGucacucccg.....	1	1	Z2_
.....aaAgacacgaucacucccg.....	1	1	Z2_
.....aaugacacgaCcacucccg.....	2	1	Z2_
.....aaugacacgaucacucccgG.....	1	1	Z2_
.....aaugacacgaucacucccgA.....	8	1	Z2_
.....aaugacacgaucacucccgC.....	29	1	Z2_
.....aaugGcacgaucacucccg.....	2	1	Z2_
.....aaugacacgaucGcucccg.....	3	1	Z2_
.....aaugacUcgaucacucccg.....	1	1	Z2_
.....aaugacacgaucacCcccg.....	5	1	Z2_
.....aaugacacgaucUcucccg.....	2	1	Z2_
.....aaugacacgaucacucccg.....	23	1	Z2_
.....aaugaUacgaucacucccg.....	2	1	Z2_

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugauggggcaccggagaagccaucgggaaugucguguccccagugcucuuc

.....aaugacGcgaucacucccgug	4	1	Z2_
.....aaugacaUgaucacucccgug	4	1	Z2_
.....aaugacacgUucacucccgug	1	1	Z2_
.....Caugacacgaucacucccgug	1	1	Z2_
.....aaugacacgGucacucccgug	3	1	Z2_
.....aaugacacAaucacucccgug	2	1	Z2_
.....Uaugacacgaucacucccgug	1	1	Z2_
.....aaugacacgaucacGcccgug	1	1	Z2_
.....aaugacacgaCcacucccgug	5	1	Z2_
.....aGugacacgaucacucccgug	1	1	Z2_
.....aaugGcacgaucacucccgug	5	1	Z2_
.....aaugacacgaucacucccguuU	4	1	Z2_
.....aaugacacgaucacucccgug	531	0	Z2_
.....aaugacacgaucacucccgUGg	1	1	Z2_
.....aaugacacgaucacucccAuug	1	1	Z2_
.....aaugacacgaAcacucccgug	1	1	Z2_
.....aaugacacgaucacucAcguug	1	1	Z2_
.....aaugacacgaucacucccgCug	1	1	Z2_
.....aUugacacgaucacucccgug	1	1	Z2_
.....aaugacacgaucacucccgugG	2	1	Z2_
.....aaugacacgaucacucccgugU	19	1	Z2_
.....aaCgacacgaucacucccguga	1	1	Z2_
.....aaugacacgaucacCcccguga	1	1	Z2_
.....aaugacacgaAcacucccguga	1	1	Z2_
.....aaugacacgGucacucccguga	1	1	Z2_
.....aaugacGcgacacucccguga	1	1	Z2_
.....aaugacacgaucacucccguga	295	0	Z2_
.....aaugGcacgaucacucccguga	2	1	Z2_
.....aaugacacgaucacucccgCuga	1	1	Z2_
.....aGugacacgaucacucccguga	1	1	Z2_
.....aaugUcacgaucacucccguga	1	1	Z2_
.....aaugacacAaucacucccguga	1	1	Z2_
.....aaugacacgaucacucccgUGa	1	1	Z2_
.....aaugacacgaCcacucccguga	1	1	Z2_
.....aaugacaUgaucacucccgugag	7	1	Z2_
.....aaugacacgaucacucAcguugag	5	1	Z2_
.....aaugacacgaucacucccgugaU	8	1	Z2_
.....aaugCcacgaucacucccgugag	1	1	Z2_
.....Gaugacacgaucacucccgugag	20	1	Z2_
.....aaugacacgaucacucccgugag	4522	0	Z2_
.....aaugacacgaucacuccAguugag	1	1	Z2_
.....aaugacacgaucacuAccguugag	1	1	Z2_
.....aaugacacgaucacucccgAugag	1	1	Z2_
.....aaugacacAaucacucccgugag	12	1	Z2_
.....aaUAcacgaucacucccgugag	11	1	Z2_
.....aaugacacgauUacucccgugag	3	1	Z2_
.....aaugacacgaucacucccgugaA	196	1	Z2_
.....Caugacacgaucacucccgugag	1	1	Z2_
.....aaugacacgGucacucccgugag	24	1	Z2_
.....aaugacacgaucacuccUguugag	15	1	Z2_
.....aaugacacgaCcacucccgugag	22	1	Z2_
.....aaugacacgaucUcucccgugag	1	1	Z2_
.....aGugacacgaucacucccgugag	39	1	Z2_
.....aaugacacgaucacucUcgugag	3	1	Z2_
.....aaugacacgaucGcucccgugag	19	1	Z2_
.....aaugacUcgacacucccgugag	8	1	Z2_
.....aaugUcacgaucacucccgugag	5	1	Z2_
.....aaCgacacgaucacucccgugag	11	1	Z2_
.....aaugacacgaucacucccgugGg	29	1	Z2_
.....aaugacacgaucacucccCuugag	2	1	Z2_
.....aaugaUacgaucacucccgugag	4	1	Z2_
.....aaugacacgaucaUucccgugag	6	1	Z2_
.....aaugacaGgaucacucccgugag	4	1	Z2_
.....aaugacacgaucaAuucccgugag	1	1	Z2_
.....aCugacacgaucacucccgugag	3	1	Z2_
.....aaugacacgaAcacucccgugag	5	1	Z2_
.....aaugacacgaucacucccAuugag	5	1	Z2_
.....aaugacacgaucacuUccgugag	5	1	Z2_
.....aaugacaAgaucacucccgugag	2	1	Z2_

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugaugggcaccggagaagccaucgggaaugucguguccccagugcucuuc

.....aaugGcacgaucacucccgugag.....	36	1	Z2_
.....aaugacacgaucacucccgUGag.....	15	1	Z2_
.....Uaugacacgaucacucccgugag.....	14	1	Z2_
.....aaugacGcgaucacucccgugag.....	32	1	Z2_
.....aaugacCcgauacacucccgugag.....	2	1	Z2_
.....aaugacacgaucacucccgugaC.....	6	1	Z2_
.....aaugacacgaucacCcccgugag.....	29	1	Z2_
.....aaugacacgaucacAcccgugag.....	5	1	Z2_
.....aaugacacgUucacucccgugag.....	1	1	Z2_
.....aaugacacgaucacucccgugUG.....	2	1	Z2_
.....aaugacacgaucacucccgUGag.....	18	1	Z2_
.....aaugacacgaucacucccgUGag.....	2	1	Z2_
.....aaGgacacgaucacucccgugag.....	1	1	Z2_
.....aaugacacgaucacucccgUAg.....	3	1	Z2_
.....aaugacGcgaucacucccgugagu.....	19	1	Z2_
.....aaugacacgaucacucccgUGagu.....	21	1	Z2_
.....aaugacacgaucacuccUugagu.....	1	1	Z2_
.....aaugacacgaAacacucccgugagu.....	3	1	Z2_
.....aaugCcacgaucacucccgugagu.....	2	1	Z2_
.....aaCgacacgaucacucccgugagu.....	26	1	Z2_
.....aaugacacgauUacucccgugagu.....	5	1	Z2_
.....Caugacacgaucacucccgugagu.....	2	1	Z2_
.....aaugacacgaucUcucccgugagu.....	7	1	Z2_
.....aaugacGcgaucacucccgugagu.....	4	1	Z2_
.....aaugacacgaucacucccgugagC.....	214	1	Z2_
.....aaugacacgauAacucccgugagu.....	1	1	Z2_
.....aaugacacgaucacucccgugaAu.....	3	1	Z2_
.....aaGgacacgaucacucccgugagu.....	1	1	Z2_
.....aaugacacgaucacucccgugagG.....	14	1	Z2_
.....aaugacacgaucacuAcccgugagu.....	1	1	Z2_
.....aaugacacgaucacucccguuAg.....	6	1	Z2_
.....aaugacacgaucacucccAuugagu.....	7	1	Z2_
.....aaugUcacgaucacucccgugagu.....	2	1	Z2_
.....aCugacacgaucacucccgugagu.....	2	1	Z2_
.....aaugacacgaucacucccgUGagu.....	6	1	Z2_
.....aaugacacgaucacCcccgugagu.....	15	1	Z2_
.....aaugacacgaucacucAcgugagu.....	9	1	Z2_
.....aaugacacgaucacucccgugaA.....	132	1	Z2_
.....aaugacUcgaucacucccgugagu.....	1	1	Z2_
.....aGugacacgaucacucccgugagu.....	24	1	Z2_
.....aaugaUacgaucacucccgugagu.....	5	1	Z2_
.....aaugacacgaCcacucccgugagu.....	26	1	Z2_
.....aaugacacCaucacucccgugagu.....	4	1	Z2_
.....aaugacacgaucacAcccgugagu.....	2	1	Z2_
.....aaugacacUaucacucccgugagu.....	5	1	Z2_
.....aaUaacacgaucacucccgugagu.....	9	1	Z2_
.....aaugacacgaucGcucccgugagu.....	10	1	Z2_
.....aaugacacgaucacucccgugGgu.....	23	1	Z2_
.....aaugacacgaucacuccAguugagu.....	3	1	Z2_
.....aaugacacgaucacucccgugagu.....	3827	0	Z2_
.....aaugacacAaucacucccgugagu.....	19	1	Z2_
.....Gaugacacgaucacucccgugagu.....	23	1	Z2_
.....aaugacacgaucacuccUGugagu.....	12	1	Z2_
.....aaugacacgaucacuUccgugagu.....	4	1	Z2_
.....aaugacacgaucacucccgUGgagu.....	1	1	Z2_
.....aaugacaUGaucacucccgugagu.....	9	1	Z2_
.....aaAgacacgaucacucccgugagu.....	2	1	Z2_
.....aaugacacgaucacucccCuugagu.....	3	1	Z2_
.....aaugacacgaucacucccgUGgagu.....	24	1	Z2_
.....aaugacacgGucacucccgugagu.....	18	1	Z2_
.....aaugacacgaucacucccgugUG.....	5	1	Z2_
.....aaugacaAgaucacucccgugagu.....	1	1	Z2_
.....aaugaAacgaucacucccgugagu.....	1	1	Z2_
.....Uaugacacgaucacucccgugagu.....	8	1	Z2_
.....aaugacacgaucacuUccgugagu.....	3	1	Z2_
.....aaugGcacgaucacucccgugagu.....	27	1	Z2_
.....aaugacacgaucacucUcgugagu.....	9	1	Z2_
.....aaugacacgaucacucccguuUg.....	1	1	Z2_
.....aaugacacgaucacucccgugagug.....	1	0	Z2_

gaaagcgcuuuggaaugacacgcaucacucccgugagugggcacccgagaagccaucgggaugucguguccgccagugcucuuc

.....augacacgcaucacucccg.....	1	0	Z2_
.....augacacgcaucacucccg.....	2	0	Z2_
.....augacacgcaucacucccg.....	2	0	Z2_
.....augacacgcaucacucccgCg.....	1	1	Z2_
.....augacacgcaucacucccgug.....	2	1	Z2_
.....augacacgcaucacucccgug.....	21	0	Z2_
.....augacacgcaucacucccguga.....	3	0	Z2_
.....augacaAgcaucacucccgugag.....	1	1	Z2_
.....augacacgGucacucccgugag.....	2	1	Z2_
.....aAgacacgcaucacucccgugag.....	1	1	Z2_
.....augacacgcaucacucccgugag.....	1	1	Z2_
.....augacacgcaucacucccgugag.....	3	1	Z2_
.....augacacgcaucacucccgugag.....	1	1	Z2_
.....augacacgcaucacucccgugaA.....	13	1	Z2_
.....augacacgcaucacucccgugag.....	1	1	Z2_
.....Gugacacgcaucacucccgugag.....	1	1	Z2_
.....augacacgcaucacucccgugGg.....	2	1	Z2_
.....augacacgcaucacucccgugag.....	1	1	Z2_
.....augacacgcaucacucccgugaAag.....	2	1	Z2_
.....augacacgcaucacucccgugCg.....	1	1	Z2_
.....augacacgcaucacucccgugag.....	441	0	Z2_
.....Cugacacgcaucacucccgugag.....	2	1	Z2_
.....augGcacgcaucacucccgugag.....	6	1	Z2_
.....augacacgcaucacucccAuugag.....	2	1	Z2_
.....augacUcgcaucacucccgugag.....	1	1	Z2_
.....augacaAaucacucccgugag.....	2	1	Z2_
.....augacacgcaucacucccgugaC.....	1	1	Z2_
.....augacaUgcaucacucccgugag.....	2	1	Z2_
.....augaAacgcaucacucccgugag.....	1	1	Z2_
.....auAacacgcaucacucccgugag.....	5	1	Z2_
.....augacGcgcaucacucccgugag.....	2	1	Z2_
.....augacacgcaucacucccUuugag.....	2	1	Z2_
.....augUcacgcaucacucccgugag.....	1	1	Z2_
.....augacacgcaucGcucccgugag.....	1	1	Z2_
.....augacacgcaucacucccgCugag.....	6	1	Z2_
.....augacacgcaucacucccAuugagu.....	1	1	Z2_
.....augacacgcaucacucccgugCgu.....	1	1	Z2_
.....augGcacgcaucacucccgugagu.....	4	1	Z2_
.....augacGcgcaucacucccgugagu.....	2	1	Z2_
.....augacacgcaucacCcccgugagu.....	2	1	Z2_
.....augacacgcaucacucccgugagC.....	20	1	Z2_
.....augacacgcaucacucccgugagG.....	3	1	Z2_
.....augacacgcaucacucccgugagA.....	16	1	Z2_
.....Gugacacgcaucacucccgugagu.....	3	1	Z2_
.....augacacgcaucacucccgugGgu.....	3	1	Z2_
.....augacacgcauUacucccgugagu.....	1	1	Z2_
.....augacacgcaucacucccgugagu.....	1	1	Z2_
.....augacacgcaucacucccgugagu.....	1	1	Z2_
.....augUcacgcaucacucccgugagu.....	1	1	Z2_
.....augacacgcaucacucccgCgagu.....	5	1	Z2_
.....aCgacacgcaucacucccgugagu.....	4	1	Z2_
.....augacacgcaucacucccgugagu.....	1	1	Z2_
.....augacacgcaucacucccgCugagu.....	4	1	Z2_
.....augacacgcaucacucccgugagu.....	486	0	Z2_
.....augacacgcaucacucUcgugagu.....	1	1	Z2_
.....aAgacacgcaucacucccgugagu.....	2	1	Z2_
.....auAacacgcaucacucccgugagu.....	1	1	Z2_
.....augacUcgcaucacucccgugagu.....	1	1	Z2_
.....Cgacacgcaucacucccgugagu.....	1	1	Z2_
.....Ggacacgcaucacucccgugagu.....	1	1	Z2_
.....ugacacgcaucacucccgAagagu.....	1	1	Z2_
.....ugacacgcaucacuAaccgugagu.....	1	1	Z2_
.....ugacacgcaucacuccUgugagu.....	1	1	Z2_
.....ugacacgcaucacucccgugagu.....	113	0	Z2_
.....ugacacgcaucUcucccgugagu.....	1	1	Z2_
.....ugacacgUucacucccgugagu.....	2	1	Z2_
.....ugacacgcaucacucccgugagC.....	7	1	Z2_
.....ugacacgcaucacCcccgugagu.....	1	1	Z2_
.....ugacacgcaucacucccgugagA.....	3	1	Z2_

gaaagcgcuuuggaaugacacgaucacuccgugagugggcacccgagaagccaucgggaugucgugucccccagugcucuuc

.....ccaucgggaugucguguc.....	2	0	Z2_
.....ccaucgggaugucgugucc.....	11	0	Z2_
.....ccaucgggaugAcgugucc.....	1	1	Z2_
.....Acaucgggaugucgugucc.....	1	1	Z2_
.....ccaucgggaugucgugucU.....	2	1	Z2_
.....ccaucgggaugucgugucUcg.....	4	1	Z2_
.....caucgggaugucguguc.....	15	0	Z2_
.....caucgggGaugucgugucc.....	1	1	Z2_
.....caucgggaugucgugucc.....	18	0	Z2_
.....caucgggaugucgugucU.....	6	1	Z2_
.....caucgggaugucguguccg.....	24	0	Z2_
.....caucgggaugucguguccC.....	1	1	Z2_
.....caCgggaugucguguccg.....	1	1	Z2_
.....caucgggaugucguguccA.....	2	1	Z2_
.....caucgggaugucguguccgc.....	7	0	Z2_
.....caucgggaCugucguguccgc.....	1	1	Z2_
.....caucgggaugucguguccgA.....	1	1	Z2_
.....caucgggaugucguguccgU.....	3	1	Z2_
.....caucgggaGugucguguccgcc.....	1	1	Z2_
.....caucgggaugucguguccgcc.....	3	1	Z2_
.....caucgggaugucguguccgcc.....	172	0	Z2_
.....caucgggaugucguguccgcA.....	19	1	Z2_
.....caucAggaugucguguccgcc.....	1	1	Z2_
.....caucggAaugucguguccgcc.....	1	1	Z2_
.....caucgggGaugucguguccgcc.....	2	1	Z2_
.....caucgggaugucguguccgcG.....	2	1	Z2_
.....caucgggaugucguguccgcc.....	2	1	Z2_
.....caucgAgaugucguguccgcc.....	1	1	Z2_
.....caucgggaugucguguccgcU.....	49	1	Z2_
.....caCgggaugucguguccgcc.....	1	1	Z2_
.....caucgggaugucguguccgcc.....	1	1	Z2_
.....caucgggaugucguguccgccG.....	3	1	Z2_
.....caucgggaugucguguccgccA.....	5	1	Z2_
.....caucgggaugucguguccgcc.....	4	0	Z2_
.....caucgggaugucguguccgccU.....	3	1	Z2_
.....caucgggaugucguguccgcccaUu.....	1	1	Z2_
.....aucgggaugucguguccg.....	1	0	Z2_
.....auAgggaugucguguccgcc.....	1	1	Z2_
.....aucgggaugucguguccgcc.....	27	0	Z2_
.....aucgggaugucguguccgcA.....	2	1	Z2_
.....aucgggaugucguguccgcU.....	9	1	Z2_
.....aucgggUaugucguguccgcc.....	1	1	Z2_
.....aucgggaugucguguccgccU.....	2	1	Z2_
.....aucgggaugucguguccgccA.....	4	1	Z2_
.....ucgggaugucguguccgcc.....	2	0	Z2_
.....ucgggaugucguguccgcA.....	1	1	Z2_
.....aaugacacgaucacuccU.....	1	1	Z3_
.....aaugacacgaucacucccg.....	11	0	Z3_
.....aaugacacgaucacAuccgu.....	1	1	Z3_
.....aaugacacgaucacuccgA.....	6	1	Z3_
.....aaugacGcgaucacucccg.....	1	1	Z3_
.....aaugacacgaUacucccg.....	1	1	Z3_
.....aaugacacgaucacucccgC.....	21	1	Z3_
.....aaugacacgaucUcucccg.....	2	1	Z3_
.....Gaugacacgaucacucccg.....	1	1	Z3_
.....aaugacacgaCcacucccg.....	2	1	Z3_
.....aaugacacgaucacucccAu.....	1	1	Z3_
.....aaugacacgaucacucccg.....	215	0	Z3_
.....aaugacacgGucacucccg.....	1	1	Z3_
.....aaCgacacgaucacucccg.....	1	1	Z3_
.....Uaugacacgaucacucccg.....	1	1	Z3_
.....aaugaUacgaucacucccg.....	1	1	Z3_
.....aaugacacgaucGcucccg.....	2	1	Z3_
.....aaugacacgaucacCuccgu.....	3	1	Z3_
.....aaugGcacgaucacucccg.....	1	1	Z3_
.....Gaugacacgaucacucccg.....	1	1	Z3_
.....aaugacacgaucacucccgAu.....	2	1	Z3_
.....aaugacacgGucacucccg.....	1	1	Z3_





gaaagcgcuuuggaaaugacacgaucacucccgugagugggcaccggagaagccaucgggaugucgugucccccagugcucuuuc

.....aaugacacgauA <u>acuccg</u> uugag.....	1	1	Z3_
.....aaugacacgaucacucccg <u>A</u> ugag.....	1	1	Z3_
.....G <u>a</u> ugacacgaucacucccg <u>u</u> gag.....	8	1	Z3_
.....aaugacacgauc <u>U</u> cuccg <u>u</u> gag.....	1	1	Z3_
.....aa <u>U</u> acacgaucacucccg <u>u</u> gag.....	1	1	Z3_
.....aaugacacgauc <u>U</u> cuccg <u>u</u> gag.....	1	1	Z3_
.....aa <u>A</u> gacacgaucacucccg <u>u</u> gag.....	2	1	Z3_
.....aaugacacgaucacucccg <u>C</u> ugag.....	13	1	Z3_
.....aaugacac <u>A</u> aucacucccg <u>u</u> gag.....	9	1	Z3_
.....aaugacacgaucacG <u>ccc</u> g <u>u</u> gag.....	1	1	Z3_
.....aaugacacgaucacucccg <u>u</u> ga <u>A</u> .....	185	1	Z3_
.....aaugacacgauc <u>C</u> cuccg <u>u</u> gag.....	1	1	Z3_
.....aaugacacgaC <u>c</u> acuccg <u>u</u> gag.....	13	1	Z3_
.....aaugacacga <u>U</u> acuccg <u>u</u> gag.....	11	1	Z3_
.....aaugacacg <u>G</u> ucacuccg <u>u</u> gag.....	8	1	Z3_
.....aaugaG <u>a</u> cgaucacuccg <u>u</u> gag.....	1	1	Z3_
.....aaugacC <u>g</u> aucacuccg <u>u</u> gag.....	1	1	Z3_
.....aaugaca <u>U</u> gaucacuccg <u>u</u> gag.....	3	1	Z3_
.....aaugacacgaucacuc <u>A</u> c <u>g</u> uag.....	1	1	Z3_
.....aaugacacgaucacucccg <u>u</u> ga <u>U</u> .....	14	1	Z3_
.....aaugacacgaucacucccg <u>u</u> u <u>g</u> .....	1	1	Z3_
.....aaugacacgaucacuccc <u>A</u> uag.....	5	1	Z3_
.....aaugacacgaucacA <u>ccc</u> g <u>u</u> gag.....	2	1	Z3_
.....aaugacacgaucG <u>c</u> uccg <u>u</u> gag.....	11	1	Z3_
.....aaugacacgaucacu <u>U</u> ccg <u>u</u> gag.....	2	1	Z3_
.....aaugG <u>a</u> cgaucacucccg <u>u</u> gag.....	16	1	Z3_
.....aaugac <u>U</u> cgaucacucccg <u>u</u> gag.....	1	1	Z3_
.....aaugacacgaucacucccg <u>u</u> g <u>U</u> g.....	2	1	Z3_
.....aaugacacg <u>U</u> acacuccg <u>u</u> gag.....	1	1	Z3_
.....aaugacG <u>g</u> aucacucccg <u>u</u> gag.....	14	1	Z3_
.....aauga <u>U</u> acgaucacuccg <u>u</u> gag.....	1	1	Z3_
.....aaugacacgaC <u>c</u> acuccg <u>u</u> gag <u>u</u> .....	8	1	Z3_
.....aaugacacgaucacucccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaugacacg <u>U</u> acacuccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaugacacgaucG <u>c</u> uccg <u>u</u> gag <u>u</u> .....	9	1	Z3_
.....aaugacacgaucacucccg <u>u</u> gagG.....	10	1	Z3_
.....aaugacacgaucacC <u>ccc</u> g <u>u</u> gag <u>u</u> .....	7	1	Z3_
.....aaugacacgauc <u>U</u> cuccg <u>u</u> gag <u>u</u> .....	3	1	Z3_
.....aaugacacgaucacuccc <u>A</u> uag <u>u</u> .....	3	1	Z3_
.....aaugacacgaucacu <u>U</u> ccg <u>u</u> gag <u>u</u> .....	4	1	Z3_
.....aaugacacgaucacucccg <u>u</u> gag <u>u</u> .....	15	1	Z3_
.....aaugacacC <u>a</u> ucacuccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaugacacg <u>G</u> ucacuccg <u>u</u> gag <u>u</u> .....	7	1	Z3_
.....aaugacacgaucacucccg <u>u</u> Cgag <u>u</u> .....	6	1	Z3_
.....aG <u>u</u> gacacgaucacucccg <u>u</u> gag <u>u</u> .....	5	1	Z3_
.....aaugacacgaucacucccg <u>u</u> gag <u>A</u> .....	85	1	Z3_
.....aaugaca <u>U</u> gaucacuccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaugacacgaucacA <u>ccc</u> g <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaugacacgaA <u>c</u> acuccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaCgacacgaucacucccg <u>u</u> gag <u>u</u> .....	6	1	Z3_
.....aaugG <u>a</u> cgaucacucccg <u>u</u> gag <u>u</u> .....	5	1	Z3_
.....aaugacacgaucacucccg <u>u</u> gag <u>u</u> .....	1598	0	Z3_
.....aa <u>A</u> acacgaucacucccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aC <u>u</u> gacacgaucacucccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaugacacgaucacucccg <u>u</u> ga <u>U</u> .....	1	1	Z3_
.....aaugacacgaucacucccg <u>u</u> Ggag <u>u</u> .....	3	1	Z3_
.....aaugacacgaucacucccg <u>u</u> Ggag <u>u</u> .....	1	1	Z3_
.....aaugacaA <u>g</u> aucacuccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aauga <u>U</u> acgaucacuccg <u>u</u> gag <u>u</u> .....	2	1	Z3_
.....aaugacacA <u>a</u> ucacuccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....aaugacacgaucacucccg <u>u</u> gagC.....	128	1	Z3_
.....aaugacacgaucacuc <u>U</u> cg <u>u</u> gag <u>u</u> .....	2	1	Z3_
.....aaA <u>g</u> acacgaucacucccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
..... <u>U</u> augacacgaucacucccg <u>u</u> gag <u>u</u> .....	2	1	Z3_
.....aaugacC <u>u</u> gaucacuccg <u>u</u> gag <u>u</u> .....	1	1	Z3_
.....G <u>a</u> ugacacgaucacucccg <u>u</u> gag <u>u</u> .....	14	1	Z3_
.....C <u>a</u> ugacacgaucacucccg <u>u</u> gag <u>u</u> .....	2	1	Z3_
.....aaugacacgaucacuccc <u>U</u> g <u>u</u> gag <u>u</u> .....	6	1	Z3_
.....aaugacacgaucacucccg <u>u</u> g <u>U</u> .....	3	1	Z3_

hsa-miR-425-5p

gaaagcgcuuuggaaugacacgaucacucccgugagugggcaccggagaagccaaucgggaugucguguccccagugcucuuc

.....aaugacacgaucacucccguga <u>A</u> .....	3	1	Z3_
.....aaugacacgaucacucccgug <u>G</u> .....	7	1	Z3_
.....aaugacacgaucacuccA <u>g</u> uugagu.....	1	1	Z3_
.....aaugacGcgaucacucccg <u>u</u> gagu.....	14	1	Z3_
.....aaugacacgaucacuA <u>c</u> cgugagu.....	2	1	Z3_
.....augacacgaucacucc <u>c</u> gu.....	1	0	Z3_
.....augacacgaucacucc <u>g</u> u.....	3	0	Z3_
.....augacacgaucacucc <u>g</u> u.....	8	0	Z3_
.....augacacgaucacC <u>c</u> cgug.....	2	1	Z3_
.....augacacgaucacucc <u>g</u> u.....	14	0	Z3_
.....augacacgaucacucc <u>g</u> uU.....	1	1	Z3_
.....augacacgaucacucc <u>c</u> gC <u>g</u> .....	1	1	Z3_
.....augacacgaucacuccU <u>g</u> uugag.....	4	1	Z3_
.....augacacgaucacucc <u>g</u> uA.....	32	1	Z3_
.....Gugacacgaucacucc <u>g</u> uugag.....	1	1	Z3_
.....augGcagcaucacucc <u>g</u> uugag.....	3	1	Z3_
.....augacacgGucacucc <u>g</u> uugag.....	1	1	Z3_
.....augacacUaucacucc <u>g</u> uugag.....	2	1	Z3_
.....augacacgaucacucc <u>g</u> uCgag.....	3	1	Z3_
.....augaGacgaucacucc <u>g</u> uugag.....	1	1	Z3_
.....auCacacgaucacucc <u>g</u> uugag.....	1	1	Z3_
.....augacacgaucacucc <u>g</u> uugGg.....	1	1	Z3_
.....augacacgaucacuA <u>c</u> cgugag.....	1	1	Z3_
.....augacacgaucacucc <u>g</u> uugag.....	368	0	Z3_
.....augacacgaucacucc <u>g</u> uugaU.....	1	1	Z3_
.....augacacgaucacC <u>c</u> cgugag.....	1	1	Z3_
.....augacacgaucG <u>c</u> ucc <u>g</u> uugag.....	2	1	Z3_
.....augacacgaucacuccA <u>u</u> ugag.....	1	1	Z3_
.....augacacgaucacucc <u>g</u> uugaC.....	2	1	Z3_
.....augacUcgaucacucc <u>g</u> uugag.....	2	1	Z3_
.....augacacCaucacucc <u>g</u> uugag.....	1	1	Z3_
.....augacaGgaucacucc <u>g</u> uugag.....	2	1	Z3_
.....augacGcgaucacucc <u>g</u> uugag.....	3	1	Z3_
.....Uugacacgaucacucc <u>g</u> uugag.....	1	1	Z3_
.....augaUacgaucacucc <u>g</u> uugagu.....	1	1	Z3_
.....augacacgaucacucc <u>g</u> uugagu.....	229	0	Z3_
.....augacacgaucacucc <u>g</u> uugagG.....	2	1	Z3_
.....augacacgaucG <u>c</u> ucc <u>g</u> uugagu.....	1	1	Z3_
.....augacaUgaucacucc <u>g</u> uugagu.....	1	1	Z3_
.....augacacgaCcacucc <u>g</u> uugagu.....	4	1	Z3_
.....augacacgGucacucc <u>g</u> uugagu.....	2	1	Z3_
.....augacacgaucacC <u>c</u> cgugag.....	2	1	Z3_
.....augacacgaucacucc <u>g</u> uugCgag.....	4	1	Z3_
.....augacacgaucacuccA <u>u</u> ugagu.....	1	1	Z3_
.....aCgacacgaucacucc <u>g</u> uugagu.....	5	1	Z3_
.....augacacgaucacucA <u>c</u> guugagu.....	1	1	Z3_
.....augacacgaucacucc <u>g</u> uugagC.....	19	1	Z3_
.....augacacgaucacucc <u>c</u> gC <u>g</u> uag.....	3	1	Z3_
.....augacacgaucacucc <u>g</u> uugG <u>g</u> .....	1	1	Z3_
.....augacacgaucacucc <u>g</u> uugA.....	13	1	Z3_
.....augGcagcaucacucc <u>g</u> uugagu.....	3	1	Z3_
.....ugacacgaucacucc <u>g</u> uC.....	1	1	Z3_
.....ugacacgaucacucc <u>g</u> uugaA.....	2	1	Z3_
.....ugacacgaucacucc <u>g</u> uugag.....	6	0	Z3_
.....ugacacgaucacucc <u>g</u> uugagC.....	6	1	Z3_
.....ugacacgaucacuccU <u>g</u> uugagu.....	1	1	Z3_
.....ugacacgaucacucc <u>g</u> uugagu.....	58	0	Z3_
.....ugacacgaucacucc <u>g</u> uugagA.....	1	1	Z3_
.....ugacaUgaucacucc <u>g</u> uugagu.....	1	1	Z3_
.....ugacacgaucacC <u>c</u> cgugag.....	2	1	Z3_
.....ccaucgggaaugucguguc.....	1	0	Z3_
.....ccaucgggaaugucgug <u>U</u> .....	1	1	Z3_
.....ccaucgggaaugucgug <u>U</u> .....	3	0	Z3_
.....caucgggaaugucgug <u>U</u> .....	5	0	Z3_
.....caucgggaaugucgug <u>U</u> .....	2	1	Z3_
.....caucgggaaugucgug <u>U</u> .....	2	0	Z3_
.....caucgggaauguUgug <u>U</u> .....	1	1	Z3_
.....caucgggaaugucgug <u>U</u> .....	2	1	Z3_
.....caucgggaaugucgug <u>U</u> .....	8	0	Z3_

hsa-miR-425-3p

hsa-miR-425-5p

gaaagcgcuuugga**augacacgaucacuccguuga**gugggcaccgagaagcc**aucgggaaugucguguccgcc**agugcucuuc

.....caucgggaaugucguguccgU.....	5	1	Z3_
.....caucgggaaugucguguccgc.....	8	0	Z3_
.....caucgggaaugucguguccgcc.....	48	0	Z3_
.....caucgggaaugucguAuccgcc.....	1	1	Z3_
.....caucgggaaugucguguccgU.....	31	1	Z3_
.....caucgggaaugucguguccgcA.....	7	1	Z3_
.....cGucgggaaugucguguccgcc.....	3	1	Z3_
.....caucgggaaugucguguccgUc.....	3	1	Z3_
.....caucgAgaaugucguguccgcc.....	1	1	Z3_
.....caucgggaaugucguguccgccA.....	1	1	Z3_
.....caucgggaaugucguguccgccG.....	1	1	Z3_
.....caucgggaaugucguguccgccU.....	1	1	Z3_
.....caucgggaaugucguguccgcccaUu.....	2	1	Z3_
.....aucgggaaugucguguccgU.....	1	1	Z3_
.....aAucgggaaugucguguccgc.....	1	1	Z3_
.....aucgggaaugucguguccgcc.....	9	0	Z3_
.....aucgggaaugucguguccgcU.....	4	1	Z3_
.....aucgggaaugucguguccgccU.....	1	1	Z3_
.....aucgggaaugucguguccgccA.....	1	1	Z3_
.....aucgggaaugucguguccgcc.....	1	0	Z3_
.....aucgggaaugucguguccgcccaUu.....	3	1	Z3_