

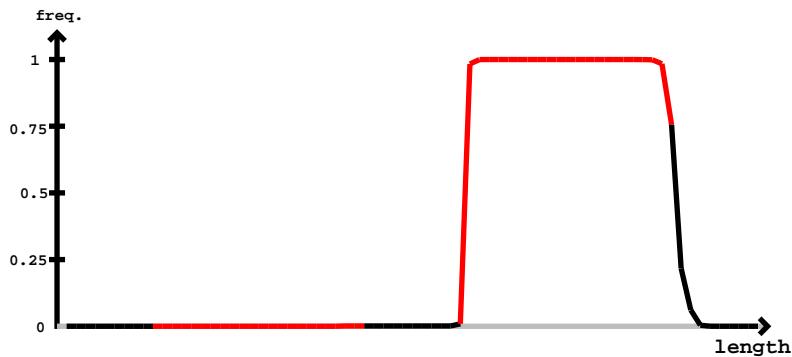
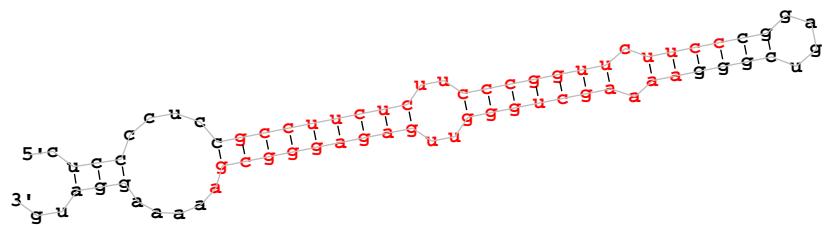
miRBase precursor : hsa-mir-320a

Total read count : 100394

hsa-miR-320a-5p read count 4

hsa-miR-320a-3p read count 100280

remaining reads : 110



#### hsa-miR-320a-3p

5'-	-3'	exp	reads	mm	sample
.((((.....(((((((((.((((((....))))))))))))))))....)))..					
.....uccccgagucggggaaaagcuggguugagaggcgaaaaggaaug			4	0	Z2_-
.....uccccgagucggggaaaagcuggguugagaggcgA.....			1	1	Z2_-
.....uccccgagucggggaaaagcuggguugGaggggcg.....			1	1	Z2_-
.....uccccgagucggggaaaAgcuggguugagaggcg.....			1	1	Z2_-
.....uccccgagucggggaaaagcuggguugagaggcg.....			4	0	Z2_-
.....uccccgagucggggaaaagcuggguugagaggcgU.....			5	1	Z2_-
.....uccccgagucggggaaaagcuggguugagaggcgC.....			2	1	Z2_-
.....cccggagucggggaaaagcuggguugagagggc.....			1	0	Z2_-
.....gaaaagcuggguugagagggU.....			3	1	Z2_-
.....gaaaagcuggguugagagggC.....			1	1	Z2_-
.....gaaaagcuggguugagagggc.....			8	0	Z2_-
.....gaaaagcuggggCugagagggc.....			1	1	Z2_-
.....gaaaagcuggguugagagggcg.....			97	0	Z2_-
.....gaaaagcuggguugagagggcC.....			2	1	Z2_-
.....gaaaagcuggguugGaggggcg.....			1	1	Z2_-
.....gaaaagcuggguugagagggcU.....			3	1	Z2_-
.....gaaaagcuggguuCgagaggggcg.....			1	1	Z2_-
.....Aaaaagcuggguugagagggcg.....			1	1	Z2_-
.....gaaaagcuggguugagaggcgA.....			57	0	Z2_-
.....gaaaagcuggguugagaggcgU.....			1	1	Z2_-
.....gaaaagcuggguugagaggcgC.....			2	1	Z2_-
.....gaaaagcGggguugagaggcgA.....			1	1	Z2_-
.....gaaaagcuggguugagaggcgG.....			3	1	Z2_-
.....gaaaagcuggguugagaggcgU.....			13	1	Z2_-
.....CaaaagcuggguugagaggcgA.....			1	1	Z2_-
.....AaaaagcuggguugagaggcgA.....			1	1	Z2_-
.....gaaaagcuggguugagAgcgA.....			1	1	Z2_-
.....UaaaagcuggguugagaggcgA.....			1	1	Z2_-
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.....gaaaagcuggguugGgaggcgA.....			3	1	Z2_-
.....gaaaagcuggguugagaggcgA.....			2	1	Z2_-
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....Uaaagcuggguugagaggg.....	1	1	Z2_
.....aaaagcuggguugagaggg.....	10	0	Z2_
.....Gaaagcuggguugagagggc.....	2	1	Z2_
.....aaaagcuggggAaugagagggc.....	1	1	Z2_
.....aaaagcAggguugagagggc.....	1	1	Z2_
.....aaaaAcuggguugagagggc.....	2	1	Z2_
.....aaaagcCggguugagagggc.....	4	1	Z2_
.....aaaagcuggggCugagagggc.....	1	1	Z2_
.....aaaagcuggguugagagggA.....	10	1	Z2_
.....aaGagcuggguugagagggc.....	4	1	Z2_
.....aaaagcuggguugaAagggc.....	1	1	Z2_
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.....aaaagcuggguugagagggc.....	215	0	Z2_
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.....aaaagcuggguugGgagggc.....	3	1	Z2_
.....aaaagcuggguugagaAggc.....	1	1	Z2_
.....aaaaAcuggguugagagggcg.....	7	1	Z2_
.....aaaagcuggguugagaggAcg.....	6	1	Z2_
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.....aaaagcuggguugagUgggcg.....	1	1	Z2_
.....aCaagcuggguugagagggcg.....	1	1	Z2_
.....aaaagcuggguugagagggUg.....	14	1	Z2_
.....aaaagcuggguugagagggAg.....	3	1	Z2_
.....aaaCgcuggguugagagggcg.....	1	1	Z2_
.....aaaagcuggggAaugagagggcg.....	1	1	Z2_
.....aaaagcuggguCgagagggcg.....	22	1	Z2_
.....Uaaagcuggguugagagggcg.....	15	1	Z2_
.....aaaagcuggguugUgagggcg.....	1	1	Z2_
.....aaaagcuggguugagagggcU.....	65	1	Z2_
.....aaaUgcuggguugagagggcg.....	3	1	Z2_
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.....aaaagCggguugagagggcg.....	26	1	Z2_
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.....aaaagcuggggCugagagggcg.....	39	1	Z2_
.....aaadgcuggguugagagggcg.....	38	1	Z2_
.....aaaagcuggAaugagagggcg.....	7	1	Z2_
.....aaaagcuggguugagaUggcg.....	1	1	Z2_
.....aaaagcuggguuAagagggcg.....	1	1	Z2_
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.....aaaagcuAgguugagagggcg.....	6	1	Z2_
.....aaaagcuggguugagaggUcg.....	1	1	Z2_
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.....aaUagcuggguugagagggcg.....	4	1	Z2_
.....aaCgcuggguugagagggcg.....	1	1	Z2_
.....aaaaUcuggguugagagggcg.....	2	1	Z2_
.....aaaagcAggguugagagggcg.....	3	1	Z2_
.....Caaagcuggguugagagggcg.....	2	1	Z2_
.....aaaagcugAguugagagggcg.....	13	1	Z2_
.....aaaagcuggggGugagagggcg.....	2	1	Z2_
.....aaaagcuggguAgagagggcg.....	4	1	Z2_
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.....aaaagcuggguugagagAgcg.....	5	1	Z2_
.....aGaagcuggguugagagggcg.....	33	1	Z2_
.....aaaagcuggguugagagggcg.....	5976	0	Z2_
.....aaaagcuUggguugagagggcg.....	1	1	Z2_
.....aaGagcuggguugagagggcg.....	35	1	Z2_
.....aaaagcuggguugGgagggcg.....	40	1	Z2_
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaaagcuggguugagagggaga.....	11	1	Z2_
.....aaaagcuggguugagagggcga.....	14358	0	Z2_
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.....aaaagcugCguugagagggcga.....	77	1	Z2_
.....aaaagcugCguugagagggcga.....	16	1	Z2_
.....aaaaCcuggguugagagggcga.....	2	1	Z2_
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.....aaaagcuggguugagagUgcga.....	8	1	Z2_
.....aaaagCggguugagagggcga.....	6	1	Z2_
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.....aaaagcuggguugaÜaggcga.....	3	1	Z2_
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.....aaaagcugÄguugagagggcga.....	21	1	Z2_
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.....aaGagcuggguugagagggcga.....	77	1	Z2_
.....aaaagCggguugagagggcga.....	45	1	Z2_
.....aGaagcuggguugagagggcga.....	86	1	Z2_
.....aaaagCÄggguugagagggcga.....	13	1	Z2_
.....aaaagcuggggGugagagggcga.....	8	1	Z2_
.....aaaagcuggguugagCgggcga.....	1	1	Z2_
.....aaaagcuggguugagagggcÜa.....	1	1	Z2_
.....aaaagcuggguugGgagagggcga.....	80	1	Z2_
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.....aaaagcuggguuÄagagggcga.....	4	1	Z2_
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.....aaaagcuggguugagaggCcga.....	3	1	Z2_
.....aaaagUuggguugagagggcga.....	14	1	Z2_
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.....aaaagcuggguugagagggcgU.....	1659	1	Z2_
.....aaCagcuggguugagagggcga.....	6	1	Z2_
.....aaaagcuggguugaCaggcga.....	6	1	Z2_
.....aaaagcuggguugagaCggcga.....	2	1	Z2_
.....aaaCggcuggguugagagggcga.....	2	1	Z2_
.....aaaagcugCguugagagggcga.....	3	1	Z2_
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.....aaaagcuggguugagggcgG.....	125	1	Z2_
.....aaaagcuggggCugagagggcga.....	63	1	Z2_
.....aaaagcuggguugagggcgC.....	182	1	Z2_
.....aÜaagcuggguugagagggcga.....	5	1	Z2_
.....aaaagcugUguugagagggcga.....	5	1	Z2_
.....Uaaagcuggguugagagggcga.....	21	1	Z2_
.....aaaagcuggguugaÄagggcga.....	13	1	Z2_
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.....aaaagcuggguugagÜgggcga.....	2	1	Z2_
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.....aaaGgcuggguugagagggcga.....	5	1	Z2_
.....aaaagcuggUuuugagagggcga.....	1	1	Z2_
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaaagcCggguugagagggcgaa.....	3	1	Z2_
.....aaaagcuggAuugagagggcgaa.....	1	1	Z2_
.....aaaagcuggggGugagagggcgaa.....	3	1	Z2_
.....aaaagcuggguAgagagggcgaa.....	1	1	Z2_
.....aaGagcuggguugagagggcgaa.....	8	1	Z2_
.....aaaagcuggguugagagggcgAG.....	78	1	Z2_
.....aaaagcuggguugUGagggcgaa.....	6	1	Z2_
.....aaaagcuggguugagagggcgAC.....	50	1	Z2_
.....aUaaagcuggguugagagggcgaa.....	1	1	Z2_
.....aaaagcuggguugagagggcgAU.....	844	1	Z2_
.....aaaagcuggguugagAAGggcgaa.....	3	1	Z2_
.....aaaagcuggguugagAGGGcgCa.....	18	1	Z2_
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.....aaaagcuggguugagAGcgaa.....	7	1	Z2_
.....aaaagcuggguugagAGggAAaa.....	1	1	Z2_
.....aaaagUggguugagagggcgaa.....	2	1	Z2_
.....Gaaagcuggguugagagggcgaa.....	11	1	Z2_
.....aaaagcuggguugagagggcgaa.....	2010	0	Z2_
.....aaaagcAgggguugagagggcgaa.....	2	1	Z2_
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.....aGaagcuggguugagagggcgaa.....	5	1	Z2_
.....aaaagcuggguugagagggcgUA.....	667	1	Z2_
.....aaaagcuggguugagagggcUaa.....	1	1	Z2_
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaagcuggguugagagggcg.....	111	0	Z2_
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.....aaagcuggggCugagagggcg.....	2	1	Z2_
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.....aaCgcuggguugagagggcg.....	2	1	Z2_
.....aaagcuggguugagagggcg.....	195	0	Z2_
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.....Gaagcuggguugagagggcg.....	5	1	Z2_
.....aaagcuggguugagagggcgC.....	1	1	Z2_
.....aaaAcuggguugagagggcg.....	1	1	Z2_
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.....aaagcCggguugagagggcgaa.....	1	1	Z2_
.....aaagcuggguugagagggcgaa.....	24	0	Z2_
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.....aaagcuggguugagagggcgaaa.....	4	0	Z2_
.....aaagcuggguugagagggcgaaC.....	2	1	Z2_
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.....gcccucucuuucccgguuU.....	2	1	GDM
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.....ucccgagucggggaaaagcuggguugagagggcgA.....	1	0	GDM
.....aaaaaAgcuggguugagagg.....	3	0	GDM
.....aaaaaAgcuggguugagagg.....	3	0	GDM
.....aaaaaAgcuggguugagaggcg.....	19	0	GDM
.....aaaaaAgcuggguugagaggcgA.....	2	1	GDM
.....aaaaaAgcuggguugagaggcg.....	19	0	GDM
.....aaaaaAgcuggguugagaggcg.....	19	0	GDM
.....aaaaaAgcuggguugagaggcg.....	19	0	GDM
.....aaaaaAgcuggguugagaggcgA.....	2	1	GDM
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaaaggcAgggguugagaggc.....	2	1	GDM
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.....aGaggcuggguugagaggc.....	3	1	GDM
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaaagcuggAuugagagggcg.....	11	1	GDM
.....aaaagcuggguugUGagggcg.....	15	1	GDM
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.....aaaagcuggguugagaggAg.....	9	1	GDM
.....aaaagUggguugagagggcg.....	6	1	GDM
.....aaaagcAgggguugagagggcg.....	11	1	GDM

## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaUagcuggguugagagggcg.....	2	1	GDM
.....aaaaggcuggguugagagggcg.....	13	1	GDM
.....aUaagcuggguugagagggcg.....	9	1	GDM
.....aGaagcuggguugagagggcg.....	47	1	GDM
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.....aaaaggcugUguugagagggcg.....	4	1	GDM
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**hsa-miR-320a-3p**

**hsa-miR-320a-5p**  
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.....aaaaggcuggguugagagggÜga.....	51	1	GDM
.....aaaaggcuggguugagagggÜcg.....	10	1	GDM
.....aaaaggcuggguugaAagggcga.....	13	1	GDM
.....aaaaggcuggguugagagggcgU.....	2298	1	GDM
.....aaÜagcuggguugagagggcga.....	17	1	GDM
.....aaaOgcuggguugagagggcga.....	114	1	GDM
.....aaaaggcuggguugagagggAcga.....	14	1	GDM
.....aaaaÜcuggguugagagggcga.....	7	1	GDM
.....aaaaggcuggguugagagggÜcg.....	10	1	GDM
.....aGaaggcuggguugagagggcga.....	101	1	GDM
.....aaaaggcuggguugagagggcgG.....	136	1	GDM
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.....aaaaggCggguugagagggcga.....	60	1	GDM
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.....aaaaggcuggguuAagagggcga.....	18	1	GDM
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.....aaGagcuggguugagaggcgA.....	69	1	GDM
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.....aaaaggcuggguugagaggcgG.....	136	1	GDM
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**hsa-miR-320a-3p**

**hsa-miR-320a-5p**  
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.....aaaagcuggguugagagggcgaa.....	10	1	GDM
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.....Caaagcuggguugagagggcgaa.....	8	1	GDM
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.....aaaagcuggggugagagggcgaa.....	10	1	GDM

## hsa-miR-320a-3p

hsa-miR-320a-5p

cuccccuccgccccucuuuccccggguucuuccggagagucggggaaaaggcuggguugagagggcgaaaagggaug

.....aaaagcuggguugGgagggcgaa.....	113	1	GDM
.....aaaagcuggguuAagagggcgaa.....	18	1	GDM
.....aaaagcuggguugagaAaggcgaa.....	16	1	GDM
.....aaaagAuggguugagagggcgaa.....	6	1	GDM
.....aaaagcugAguugagagggcgaa.....	24	1	GDM
.....aaaagcuggguugagaUggcgaa.....	4	1	GDM
.....aaaaAcuggguugagagggcgaa.....	15	1	GDM
.....Uaaagcuggguugagagggcgaa.....	35	1	GDM
.....aaaagcuggguugagGgggcga.....	105	1	GDM
.....aaaaCcuggguugagagggcgaa.....	2	1	GDM
.....aaaagcuggguuAagagggcgaa.....	18	1	GDM
.....aaCcguggguugagagggcgaa.....	4	1	GDM
.....aaaagcuggguuAgagggcgaa.....	14	1	GDM
.....aaaagcuggguCugagagggcgaa.....	87	1	GDM
.....aaaagcuggguugagagggcgC.....	255	1	GDM
.....aUaagcuggguugagagggcgaa.....	15	1	GDM
.....aaaaCcuggguugagagggcgaa.....	2	1	GDM
.....aaaagcuggguugagagggcgC.....	255	1	GDM
.....aaaagcuggguugagagggcgA.....	20	1	GDM
.....aaaagcuggguugagagggcgaa.....	51	1	GDM
.....aaaagcuggguugagaggAcgaa.....	3	1	GDM
.....aUaagcuggguugagagggcgaa.....	10	1	GDM
.....aaGcguggguugagagggcgaa.....	24	1	GDM
.....aaaagcuggguuUagagggcgaa.....	3	1	GDM
.....aaaagcuggguugGgagggcgaa.....	15	1	GDM
.....aaaagcuggguCugagagggcgaa.....	12	1	GDM
.....aGaagcuggguugagagggcgaa.....	20	1	GDM
.....aaaagcuggguugaAaggcgaa.....	4	1	GDM
.....aaaagcuggguugUgagggcgaa.....	5	1	GDM
.....Uaaagcuggguugagagggcgaa.....	5	1	GDM
.....aGaagcuggguugagagggcgaa.....	20	1	GDM
.....aaaagCggguugagagggcgaa.....	3	1	GDM
.....aaaagcuAggguugagagggcgaa.....	5	1	GDM
.....Gaaagcuggguugagagggcgaa.....	17	1	GDM
.....aaaagcuggguugagUgcgaa.....	1	1	GDM
.....aaaagcuggguCugagagggcgaa.....	13	1	GDM
.....aaaagcuggguugagggcUaa.....	1	1	GDM
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.....aaaagcuggguugGgagggcgaa.....	15	1	GDM
.....aaaagcuggguuUagagggcgaa.....	3	1	GDM
.....aaaagcuggguAugagagggcgaa.....	3	1	GDM
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.....aaaagcugUguugagagggcgaa.....	6	1	GDM
.....aaaagcuggguugaUagggcgaa.....	2	1	GDM
.....aaCagcuggguugagagggcgaa.....	3	1	GDM
.....aaaagcuggguugagagggcgUa.....	837	1	GDM
.....aaaagcuggguugagagggcgaa.....	3065	0	GDM
.....aaaagcuggguugagaggAcgaa.....	3	1	GDM
.....aaaagcuggguAugagagggcgaa.....	3	1	GDM
.....aaaagcuggguugagGgggcgaa.....	16	1	GDM
.....aaaagcuggguugagUggcgaa.....	2	1	GDM
.....aaaaCcuggguugagagggcgaa.....	2	1	GDM
.....aaaagAuggguugagagggcgaa.....	5	1	GDM
.....aaaagcugAguugagagggcgaa.....	8	1	GDM
.....aaaagcuggguugagagggcgAU.....	1553	1	GDM
.....aaaagcuggguugagagggcgaa.....	2	1	GDM
.....aaaagcugUguugagagggcgaa.....	6	1	GDM
.....aaaagcuggguugagagggcgAC.....	99	1	GDM
.....aaaagCggguugagagggcgaa.....	3	1	GDM
.....aaaagcuggggCugagagggcgaa.....	12	1	GDM
.....aaaagcuggguugagagggUgaa.....	12	1	GDM
.....aaaagcuggguugGgagggcgaa.....	15	1	GDM
.....aaaagcuggguugagagggcgGa.....	29	1	GDM
.....aaaagCggguugagagggcgaa.....	4	1	GDM
.....aaGagcuggguugagagggcgaa.....	25	1	GDM
.....aaaagcuggguugagagggcgAG.....	162	1	GDM

## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaaagcuggguugagagggcgaaG.....	162	1	GDM
.....aaaagcuggguugagagggcgaa.....	12	1	GDM
.....aaaagcuggguAgagagggcgaa.....	5	1	GDM
.....aaaagcuggguugagagggcgaaU.....	1553	1	GDM
.....aaCaggcuggguugagagggcgaa.....	3	1	GDM
.....aUaaggcuggguugagagggcgaa.....	10	1	GDM
.....aaaagcuggguuAaagagggcgaa.....	5	1	GDM
.....aaaagcuggguugagagggcgaa.....	2	1	GDM
.....aaaagcuggguugagagggcgaa.....	3065	0	GDM
.....aaaGgcuggguugagagggcgaa.....	24	1	GDM
.....aaaagcuggguuAaagagggcgaa.....	1	1	GDM
.....aaaagcuggguugagagggcgGa.....	29	1	GDM
.....aaaagcuggguugagagggcgUa.....	837	1	GDM
.....aaaagcuggguugaAaggcgaa.....	4	1	GDM
.....aaaagcuggguugagagggcgCa.....	51	1	GDM
.....aaaagcuggguugagagCgcgaa.....	1	1	GDM
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.....aaaagcuggguugagagggUcgaa.....	2	1	GDM
.....aaaagcuggguugagGgggcgaa.....	16	1	GDM
.....aaaagcuggguuAgagggcgaa.....	162	1	GDM
.....aaaagcuggguugagaggAcgaa.....	3	1	GDM
.....aaaagcuggguugagaggcgCa.....	51	1	GDM
.....aaaagcuggguugagaggcgGa.....	29	1	GDM
.....aaaagcuggguuAgagggcgaa.....	16	1	GDM
.....aaGagcuggguugagagggcgaa.....	25	1	GDM
.....aaaagcuggguugagagggcgaa.....	3065	0	GDM
.....aaaagcuggguugaAaggcgaa.....	1	1	GDM
.....Uaaaggcuggguugagagggcgaa.....	5	1	GDM
.....Uaaaggcuggguugagagggcgaa.....	5	1	GDM
.....aaaagCggguugagagggcgaa.....	4	1	GDM
.....aaaagcuggguugagUgggcgaa.....	2	1	GDM
.....aaaagcuggguuAgagggcgUa.....	837	1	GDM
.....aaaaAcuggguugagagggcgaa.....	2	1	GDM
.....aaaagcuggguugagagggcgCa.....	51	1	GDM
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.....Gaaaggcuggguugagagggcgaa.....	17	1	GDM
.....aaGagcuggguugagagggcgaa.....	25	1	GDM
.....aaaagcuggguugagagggcgUa.....	1553	1	GDM
.....aaaagcuggguugaAaggcgaa.....	4	1	GDM
.....aaaagcugAguugagagggcgaa.....	8	1	GDM
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.....aaaagcuggguuAgagagggcgaa.....	5	1	GDM
.....aaaagcuggguCgagagggcgaa.....	13	1	GDM
.....aaaagcuAggguugagagggcgaa.....	5	1	GDM
.....aaaagcuggguuAgagggcgcaC.....	99	1	GDM
.....aaaagcuggguuAaagagggcgaa.....	5	1	GDM
.....aUaaggcuggguugagagggcgaa.....	10	1	GDM
.....Gaaaggcuggguugagagggcgaa.....	17	1	GDM
.....aaaagcuggguuAgagggcgaa.....	5	1	GDM
.....aaaagAuggguugagagggcgaa.....	5	1	GDM
.....aaaagcuggggCugagagggcgaa.....	12	1	GDM
.....aaaGgcuggguugagagggcgaa.....	24	1	GDM
.....aaaagcuggguuAgagggcgcaC.....	99	1	GDM
.....aaaagcuggguuAgagCgcgaa.....	1	1	GDM
.....aaaagcuggguuAgagggcgaaU.....	536	1	GDM
.....Gaaaggcuggguugagagggcgaa.....	2	1	GDM
.....aaaagcuggguuAgagggcgaaG.....	284	1	GDM
.....aaaagcuggguuAgagggAcgaaa.....	2	1	GDM
.....aaaagcuggguuAgagggcgGaa.....	4	1	GDM
.....aaaCgcuggguugagagggcgaaa.....	1	1	GDM
.....aaaagCggguugagagggcgaaa.....	3	1	GDM
.....aaaagcuggguuAgagggcgaaa.....	443	0	GDM
.....aaaagcuggguuAgagggcgJa.....	171	1	GDM
.....aaaGgcuggguugagagggcgaaa.....	2	1	GDM
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.....aaaagcuggguuAgagggcgaaC.....	24	1	GDM
.....aaaagcuggguuAgagggcgCa.....	14	1	GDM
.....aaaagcuggguuAgagggcgaaC.....	24	1	GDM

## hsa-miR-320a-3p

hsa-miR-320a-5p

cuccccuccgcuuucucuuucccgguucuuccggagagucgggaaaaggcuggguugagagggcgaaaagggaug

.....aaaagcuggguugagagggcgaaCa.....	14	1	GDM
.....aaaagcuggguugagagggcgaaG.....	284	1	GDM
.....aaaagcuggguugagagggcgaaU.....	171	1	GDM
.....aaaagcuggguugagagggcgaaU.....	536	1	GDM
.....aaaagcuggguugagagggcgaaG.....	566	1	GDM
.....aaaagcuggguugagagggcgaaU.....	171	1	GDM
.....aaaagcuggguugagagggcgaa.....	23	1	GDM
.....aaaagcuggguCgagagggcgaaa.....	2	1	GDM
.....aaaagcuggguugGgagggcgaaa.....	2	1	GDM
.....aaaagcuggguugagagggcgada.....	566	1	GDM
.....Uaaaagcuggguugagagggcgaaa.....	2	1	GDM
.....aaaagcuggguugagagggcgaa.....	566	1	GDM
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.....aaaagcAggguugagagggcgaaa.....	2	1	GDM
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.....aaaagcuggguugagagggcgCa.....	14	1	GDM
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.....aaaagcuggguugagagggcgaaa.....	443	0	GDM
.....aaaagcuggguugagGgggcgaaa.....	2	1	GDM
.....aaaagcuggguugagagggcgaaU.....	536	1	GDM
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.....aaaagcuggguugagagggcgGaa.....	4	1	GDM
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.....aaaagcuggguugagagggcgaaG.....	284	1	GDM
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.....aaaagAuggguugagagggcgaaa.....	1	1	GDM
.....Gaaagcuggguugagagggcgaaa.....	2	1	GDM
.....aaaagcuggguCgagagggcgaaa.....	2	1	GDM
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.....aaaagcuggguugagagggcgaaUa.....	5	1	GDM
.....aaaagcuggguugagagggcgaaGa.....	63	1	GDM
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.....aaaagcuggguugagagggcgaaG.....	21	1	GDM
.....aaaagcuggguugagagggcgaaA.....	21	1	GDM
.....aaaagcuggguugagagggcgaaaa.....	6	0	GDM
.....aaaagcuggguugagagggcgaaUa.....	5	1	GDM
.....aaaagcuggguugagagggcgaaU.....	28	1	GDM
.....aaaagcuggguugagagggcgaaU.....	28	1	GDM
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.....aaaagcuggguugagagggcgaaaa.....	6	0	GDM
.....aaaagcuggguugagagggcgUaaa.....	3	1	GDM
.....aaaagcuggguugagagggcgaaaa.....	6	0	GDM
.....aaaagcuggguugagagggcgaaA.....	21	1	GDM
.....aaaagcuggguugagagggcgaaaa.....	3	1	GDM
.....aaaagcuggguugagagggcgaaC.....	1	1	GDM
.....aaaGcuggguugagagggcgaaaa.....	1	1	GDM
.....aaaagcuggguugagagggcgaaU.....	28	1	GDM
.....aaaagcuggguugagagggcgaaGa.....	2	1	GDM
.....aaaagcuggguugagagggcgaaGa.....	2	1	GDM
.....aaaagcuggguugagagggcgaaaa.....	1	1	GDM
.....aaaagcuggguugagagggcgaaaaU.....	1	1	GDM
.....aaagcuggguugagagggA.....	3	1	GDM
.....aaagcuggguugagaggg.....	26	0	GDM
.....aaagcuggguugagagggc.....	26	0	GDM
.....aaagcuggguAgagagggc.....	1	1	GDM
.....aaagcuggguugagagggA.....	3	1	GDM
.....aaagcuggguugagagggc.....	26	0	GDM
.....aaagcuggAuugagagggcg.....	1	1	GDM
.....aaagcuggguAgagagggcg.....	1	1	GDM
.....aGagcuggguugagagggcg.....	2	1	GDM

## hsa-miR-320a-3p

hsa-miR-320a-5p

cuccccuccgccccucuuucccgguucuuccggagagucggggaaaaggcuggguugagagggcgaaaaagggaug

.....aaagcuggguugagagggcU.....	3	1	GDM
.....aaagcuggguugagagggcU.....	3	1	GDM
.....aaagcuggguugagagggcg.....	227	0	GDM
.....aaagcuggguugagagggcC.....	5	1	GDM
.....aaagcuggguugagagggcg.....	227	0	GDM
.....aaagcuggguugagagggcg.....	227	0	GDM
.....aaagcuggguugagagggcC.....	5	1	GDM
.....Gaagcuggguugagagggcg.....	5	1	GDM
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.....aaagcuggguugagagggcC.....	5	1	GDM
.....aaagcuggguugagagggcg.....	1	1	GDM
.....aGagcuggguugagagggcg.....	2	1	GDM
.....aaGgcuggguugagagggcg.....	1	1	GDM
.....aaagcuAgguugagagggcg.....	1	1	GDM
.....aaagcuggguugagGgggcg.....	3	1	GDM
.....aaagcuggguugagagggcgA.....	188	0	GDM
.....aaagcuggguugagagggcgA.....	1	1	GDM
.....aGagcuggguugagagggcgA.....	2	1	GDM
.....aaagcuggguugagagggcgG.....	1	1	GDM
.....aaagcuggguugagagggcgC.....	7	1	GDM
.....aaagcuggguugagagggcgA.....	188	0	GDM
.....aaagcuggguugagagggcA.....	1	1	GDM
.....aaagcAgggguugagagggcgA.....	1	1	GDM
.....aaagcuggguugagGgggcgA.....	1	1	GDM
.....aaagcuggguugagagggcgU.....	30	1	GDM
.....aUagcuggguugagagggcgA.....	1	1	GDM
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.....aaagcuggguugagagggcgA.....	2	1	GDM
.....aaagcuggguugagagggcgU.....	30	1	GDM
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.....aaagcuggguugGgagggcgA.....	4	1	GDM
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.....aaagcuggguugagagggcgAA.....	1	1	GDM
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aagcuggguugagagggcg.....	2	0	GDM
.....aagcuggguugagagggcg.....	1	0	GDM
.....aagcuAgguugagagggcg.....	1	1	GDM
.....aagcuggguugagagggcgaaa.....	1	0	GDM
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.....aagcuggguugagagggcgaaU.....	2	1	GDM
.....aagcuggguugagagggcgaaaU.....	2	1	GDM
.....aagcuggggCugagaggggcgaaaa.....	1	1	GDM
.....cuggguugagagggcgUa.....	1	1	GDM
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.....gaaaagcuggguugagagA.....	1	1	Z1_
.....gaaaagcuggguugagaggc.....	11	0	Z1_
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.....gaaaagcuggguugagaggcG.....	13	1	Z1_
.....gaaaagcuggguugagagggcgC.....	2	1	Z1_
.....gaaaagcuggguugagagggcgaa.....	4	0	Z1_
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.....gaaaagcuggguugagagggcgUa.....	2	1	Z1_
.....gaaaagcuggguugagagggcgCa.....	2	1	Z1_
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.....aaaagcuggguugGgagggc.....	5	1	Z1_
.....aaaagcuggguCgagaggc.....	2	1	Z1_
.....aaaagcuAgguugagagggc.....	1	1	Z1_
.....aaaagcuggguugagagggc.....	273	0	Z1_
.....aaaagcuggguugGgggc.....	3	1	Z1_
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.....aaaagcuggggCugagaggc.....	1	1	Z1_
.....aaaagcuggguugagUgggc.....	1	1	Z1_
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.....aaaagcuggggGugagagggc.....	2	1	Z1_
.....aaaagcuggguugagaggA.....	14	1	Z1_
.....aaaagcuggguuAagagggc.....	2	1	Z1_
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.....aaaagcuggguugagaggG.....	1	1	Z1_
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.....Gaaagcuggguugagagggcg.....	22	1	Z1_
.....aGaagcuggguugagagggcg.....	15	1	Z1_
.....aaaagcuggguugagagUgcg.....	1	1	Z1_
.....aaaagcuggguugagaggc.....	2820	0	Z1_
.....aaaagcuggguugaggAcg.....	5	1	Z1_
.....aaaagcuggguugCgggc.....	1	1	Z1_
.....aaaagcuggguugGgagggc.....	18	1	Z1_
.....aaaagCggguugagagggc.....	3	1	Z1_
.....aaaagcuggguuAagagggc.....	1	1	Z1_
.....aaaagcuggguugUgagggc.....	3	1	Z1_
.....aaaagcuggguuAagagggc.....	1	1	Z1_
.....aaaUgcuggguugagagggc.....	1	1	Z1_
.....aaaagcuggguugagaggUg.....	4	1	Z1_
.....Caaagcuggguugagagggc.....	5	1	Z1_
.....aaaagcuggguugagaAggcg.....	3	1	Z1_
.....aaaagcuggggGugagaggc.....	2	1	Z1_
.....aaaagcuggguAagagggc.....	3	1	Z1_

## hsa-miR-320a-3p

hsa-miR-320a-5p

ccccccuccggcuucucuuucccgguucuuccggagucggggaaaaggcuggguugagagggcgaaaaagggaug

.....aaaagcuggguugagGgggcg.....	18	1	Z1_-
.....aaaagcuUggguugagagggcg.....	1	1	Z1_-
.....aaaagcuggguugagUgggcg.....	4	1	Z1_-
.....aaCagcuggguugagagggcg.....	3	1	Z1_-
.....aaaagcuggguugagagggcU.....	43	1	Z1_-
.....aaaagcuAgguugagagggcg.....	6	1	Z1_-
.....aUaagcuggguugagagggcg.....	1	1	Z1_-
.....aaaagcugAguugagagggcg.....	4	1	Z1_-
.....aaaagcuggggCugagagggcg.....	13	1	Z1_-
.....aaaagcuggguugaCagggcg.....	3	1	Z1_-
.....aaaagcuggguugagagggGg.....	1	1	Z1_-
.....aaaagcuggguugagagCggc.....	1	1	Z1_-
.....aaaagUggguugagagggcg.....	6	1	Z1_-
.....aaaagcAgguugagagggcg.....	2	1	Z1_-
.....aaaagcuggguugagaggUcg.....	1	1	Z1_-
.....aaaagcuggggCgagagggcg.....	12	1	Z1_-
.....aaGagcuggguugagagggcg.....	7	1	Z1_-
.....aaaaAcuggguugagagggcg.....	1	1	Z1_-
.....aaaagcuggguugagagggAg.....	1	1	Z1_-
.....aaaagcuggguugagAgcg.....	1	1	Z1_-
.....Uaaagcuggguugagagggcg.....	8	1	Z1_-
.....aaaGgcuggguugagagggcg.....	18	1	Z1_-
.....aaaagcuggguugagagggcC.....	22	1	Z1_-
.....aaaagcCggguugagagggcg.....	18	1	Z1_-
.....aaaagcuggAuugagagggcg.....	2	1	Z1_-
.....aaaagcuggguugagagggAga.....	9	1	Z1_-
.....aaaagcugAguugagagggcgca.....	8	1	Z1_-
.....aaaagcuggguugagaUggcga.....	2	1	Z1_-
.....Uaaagcuggguugagagggcga.....	19	1	Z1_-
.....aaaagcuggAuugagagggcga.....	7	1	Z1_-
.....aaaagcuggggAuugagagggcga.....	2	1	Z1_-
.....aaaagcuggguugagagggcga.....	6699	0	Z1_-
.....aaaagcuggguugagagggcUa.....	3	1	Z1_-
.....aaaagcuggggCugagagggcg.....	36	1	Z1_-
.....aaaCgcuggguugagagggcga.....	1	1	Z1_-
.....aaaagcuggguugagagggUgcga.....	4	1	Z1_-
.....aaaagcuggguugUgagggcga.....	4	1	Z1_-
.....aaaagAuggguugagagggcga.....	1	1	Z1_-
.....aaaaUcuggguugagagggcga.....	4	1	Z1_-
.....aaaagUggguugagagggcga.....	10	1	Z1_-
.....aCaagcuggguugagagggcga.....	3	1	Z1_-
.....aaaagcuggUuugagagggcga.....	2	1	Z1_-
.....aUaagcuggguugagagggcga.....	5	1	Z1_-
.....aaaagcuggguugagaggUcga.....	2	1	Z1_-
.....aaaagcuggguugagaggAcga.....	9	1	Z1_-
.....aaaagcugUguugagagggcga.....	3	1	Z1_-
.....aaaagcuggggGuugagagggcga.....	1	1	Z1_-
.....aaaagcuggggUagagagggcga.....	6	1	Z1_-
.....aaUagcuggguugagagggcga.....	2	1	Z1_-
.....aaaagcuggguugagagggcU.....	1166	1	Z1_-
.....aaaaCcuggguugagagggcga.....	1	1	Z1_-
.....Gaaagcuggguugagagggcga.....	30	1	Z1_-
.....aaCagcuggguugagagggcga.....	8	1	Z1_-
.....aaaagcuggguugagagggcCa.....	3	1	Z1_-
.....aaaagcuggguugagCggcga.....	5	1	Z1_-
.....aaaagGuggguugagagggcga.....	1	1	Z1_-
.....aaaUgcuggguugagagggcga.....	6	1	Z1_-
.....aaaagcuggguugagaAggcga.....	12	1	Z1_-
.....aGaagcuggguugagagggcga.....	42	1	Z1_-
.....aaaagcuggguugagAgcga.....	5	1	Z1_-
.....aaaagcuggguugGagagggcga.....	3	1	Z1_-
.....aaaAcuggguugagagggcga.....	6	1	Z1_-
.....aaaagcuggguugGgagggcga.....	39	1	Z1_-
.....aaGagcuggguugagagggcga.....	28	1	Z1_-
.....aaaagcuggCuugagagggcga.....	1	1	Z1_-
.....aaaagcuggguugagUgggcga.....	9	1	Z1_-
.....aaaagcuAgguugagagggcga.....	10	1	Z1_-
.....aaaGgcuggguugagagggcga.....	35	1	Z1_-
.....aaaagcCggguugagagggcga.....	21	1	Z1_-

## hsa-miR-320a-3p

hsa-miR-320a-5p

cuccccuccgcuuucucuuuccccgguuucuuccggagagucggggaaaagcuggguugagagggcgaaaaggaaug

.....aaaagcuggguugagagggUga.....	23	1	Z1_
.....aaaagcuggguugagagggcgC.....	119	1	Z1_
.....aaaagcuggguuAagagggcg.....	17	1	Z1_
.....aaaagcuggguuAagagggcg.....	2	1	Z1_
.....aaaagcuggguugaAagggcg.....	5	1	Z1_
.....aaaagcuggguugagGgggcg.....	33	1	Z1_
.....Caaagcuggguugagagggcg.....	6	1	Z1_
.....aaaagcuggguugagagggcgG.....	57	1	Z1_
.....aaaagcuggguCgagagggcg.....	18	1	Z1_
.....aaaagcAggguugagagggcg.....	9	1	Z1_
.....aaaagcGgguugagagggcg.....	7	1	Z1_
.....aaaagcuggguugagagggcgU.....	912	1	Z1_
.....aaaagcuggguugagaggAcgaa.....	1	1	Z1_
.....aaaagcugggCugagagggcgaa.....	8	1	Z1_
.....aaaagcuggguugagagggcgG.....	67	1	Z1_
.....aaaagcuggguugagagggGgaa.....	2	1	Z1_
.....aaGagcuggguugagagggcgaa.....	6	1	Z1_
.....aaaagcuggguCgagagggcgaa.....	16	1	Z1_
.....aaaaAcuggguugagagggcgaa.....	3	1	Z1_
.....aaaacugUguugagagggcgaa.....	2	1	Z1_
.....aaaagcuggguugagagggcgaa.....	4	1	Z1_
.....Caaagcuggguugagagggcgaa.....	1	1	Z1_
.....aaUagcuggguugagagggcgaa.....	1	1	Z1_
.....aaaagUggguugagagggcgaa.....	2	1	Z1_
.....aaaagcuggguuAagagggcgaa.....	1	1	Z1_
.....aaaagcuggguugagagggcgUa.....	332	1	Z1_
.....Uaaagcuggguugagagggcgaa.....	8	1	Z1_
.....aaaagcuggguugagagggcgaa.....	1726	0	Z1_
.....aaaaUcuggguugagagggcgaa.....	2	1	Z1_
.....aaaagcuggguugagagggcgG.....	12	1	Z1_
.....aaaagcAggguugagagggcgaa.....	1	1	Z1_
.....aaaagcuggguugGgagggcgaa.....	10	1	Z1_
.....aaaagcuggguugGgggcgaa.....	4	1	Z1_
.....aaaagcuggluuugagagggcgaa.....	4	1	Z1_
.....aaaagcuggguugagagggcgCa.....	57	1	Z1_
.....aaCagcuggguugagagggcgaa.....	1	1	Z1_
.....aaaagcuggguGgagagggcgaa.....	1	1	Z1_
.....aaaagcuggguugagagggcgCa.....	29	1	Z1_
.....aaaagcuggguugagagUgcgaa.....	1	1	Z1_
.....aGaagcuggguugagagggcgaa.....	8	1	Z1_
.....aaaGgcuggguugagagggcgaa.....	10	1	Z1_
.....aaaagCggguugagagggcgaa.....	6	1	Z1_
.....aaaagcugAguugagagggcgaa.....	2	1	Z1_
.....aaaagcuggguugagagggUgaa.....	8	1	Z1_
.....aaaagcuggguugagCgggcgaa.....	2	1	Z1_
.....aaaagcuggguugagAggcgaa.....	2	1	Z1_
.....aaaagcuggguugUgagggcgaa.....	2	1	Z1_
.....Gaaagcuggguugagagggcgaa.....	6	1	Z1_
.....aaaagcuggguugagUgggcgaa.....	1	1	Z1_
.....aaaagcuggguugagagggcgCa.....	4	1	Z1_
.....Gaaagcuggguugagagggcgaaa.....	2	1	Z1_
.....aaaagcuggguugagagggcgGa.....	314	1	Z1_
.....aaaagcAggguugagagggcgaaa.....	1	1	Z1_
.....aaaagcuggguugagagggcgUaa.....	11	1	Z1_
.....aaaagcugggAugagagggcgaaa.....	1	1	Z1_
.....aGaagcuggguugagagggcgaaa.....	1	1	Z1_
.....aaaagcugggCugagagggcgaaa.....	3	1	Z1_
.....aaaagcuggguugagagggcgAAC.....	21	1	Z1_
.....aaaagcuggguugagagggcgGaa.....	1	1	Z1_
.....aaaagcuggguCgagagggcgaaa.....	1	1	Z1_
.....aaGagcuggguugagagggcgaaa.....	3	1	Z1_
.....aaaagcuggguugagGgggcgaaa.....	2	1	Z1_
.....Uaaagcuggguugagagggcgaaa.....	2	1	Z1_
.....aaaagcuggguugagagggcgaaa.....	261	0	Z1_
.....aaaagcuggguugagagggcgaaG.....	167	1	Z1_
.....aaaagcuggguugagagggcgaaU.....	108	1	Z1_
.....aaaagcuggguugGgagggcgaaa.....	3	1	Z1_
.....aaaagcuggguugagagggcgaaU.....	402	1	Z1_
.....aaaagcuggguugagagggcgCaa.....	2	1	Z1_

## hsa-miR-320a-3p

hsa-miR-320a-5p

ccccccuccggcucucuuucccgguuucuuccggagagucggggaaaaggcuggguugagagggcgaaaaggaaug

.....aaaGcuggguugagagggcgaaa.....	1	1	Z1_
.....aaaagcuggguugagagggcgaaaGa.....	54	1	Z1_
.....aaaagcuggguugagagggcgaaaU.....	6	1	Z1_
.....aaaagcAggguugagagggcgaaaa.....	1	1	Z1_
.....aaaagcuggguugagagggcgaaaa.....	7	0	Z1_
.....aaaagcuggguugagagggcgaaGaa.....	7	1	Z1_
.....aaaagcuggguugagagggcgaaaaC.....	1	1	Z1_
.....aaaagcuggguugagagggcgaaaaU.....	21	1	Z1_
.....aaaagcuggguugagagggcgaaaaG.....	11	1	Z1_
.....aaaagcuggguugagagggcgaaAaaa.....	1	1	Z1_
.....aaaagcuggguugagagggcgaaaaGa.....	3	1	Z1_
.....aaaagcuggguugagagggcgaaaaagU....	2	1	Z1_
.....aaagcuggguugagagggcg.....	6	0	Z1_
.....aaagcuggguugagaggggÜg.....	1	1	Z1_
.....aCagcuggguugagagggcg.....	1	1	Z1_
.....aaagcuggguugagagggcg.....	63	0	Z1_
.....aaagcuggguugagagggcg.....	1	1	Z1_
.....aaagcuggguugagagggcg.....	1	1	Z1_
.....aaagcuggguugagagggcg.....	2	1	Z1_
.....aaagcuggguugagagggcgC.....	1	1	Z1_
.....aaagcuggguugagagggcg.....	1	1	Z1_
.....aGagcuggguugagagggcg.....	1	1	Z1_
.....Gaagcuggguugagagggcg.....	1	1	Z1_
.....aaagcuggguugagagggcg.....	2	1	Z1_
.....aaagcuggguugagagggcg.....	1	1	Z1_
.....aaagcuggguugagagggcgU.....	1	1	Z1_
.....aaagcuggggCugagagggcg.....	22	1	Z1_
.....aaagcuggguugagagggcg.....	1	1	Z1_
.....aaagcuggguugagagggcg.....	99	0	Z1_
.....aaagcuggguugagagggcg.....	22	0	Z1_
.....aaagcuggguugagagggcgA.....	4	1	Z1_
.....aaagcuggguugagagggcgG.....	5	1	Z1_
.....aaagcuggguugagagggcgÜa.....	3	1	Z1_
.....aaagcuggguugagagggcgU.....	21	1	Z1_
.....aaGcuggguugagagggcgaa.....	3	1	Z1_
.....aaagcuggguugagagggcgaaG.....	4	1	Z1_
.....aaagcuggguugagagggcgGa.....	8	1	Z1_
.....aaagcuggguugagagggcgaaU.....	17	1	Z1_
.....aaagcuggguugagagggcgaaa.....	4	0	Z1_
.....aaagcuggguugagagggcgaaaaC....	1	1	Z1_
.....aaagcuggguugagagggcgaaGa.....	2	1	Z1_
.....aaagcuggguugagagggcg.....	1	0	Z1_
.....aaagcuggguugagagggcgU.....	3	1	Z1_
.....aaagcuggguugagagggcgaaU.....	2	1	Z1_
.....uucccgagucgggaaGagcuggguugagagggcg.....	1	1	Z3_
.....ucccgagucgggaaaagÜuggguugagagggc.....	1	1	Z3_
.....ucccgagucgggaaaagcuggggagagggc.....	1	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggc.....	1	0	Z3_
.....ucccgagucgggaaaagcuggguugagagggcA.....	3	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggÜg.....	1	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggcg.....	41	0	Z3_
.....Ccccgagucgggaaaagcuggguugagagggcg.....	1	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggcg.....	2	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggAcg.....	2	1	Z3_
.....ucccgagucgggGaagcuggguugagagggcg.....	1	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggcgC.....	21	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggcgÜ.....	4	1	Z3_
.....ucccgagucgggaaaagcuggguugagagggcg.....	4	0	Z3_
.....aaaaagcuggguugagagggcgA.....	1	1	Z3_
.....aaaaagcuggguugagagggcg.....	2	0	Z3_
.....aaaaagcGGguugagagggcg.....	1	1	Z3_
.....aaaaagcuggguugagagggcg.....	46	0	Z3_
.....aaaaagcuggguugagagggcgC.....	5	1	Z3_
.....Caaaagcuggguugagagggcg.....	1	1	Z3_
.....aaaaagcuggguugagagggcgU.....	2	1	Z3_
.....aaaaGgcuggguugagagggcg.....	1	1	Z3_
.....aaaaagcuggguugagagggcg.....	41	0	Z3_
.....aaaaagcGGguugagagggcg.....	1	1	Z3_
.....aaaaagcuggguugagagggcgC.....	1	1	Z3_
.....aaaaagcuggguugagagggcgG.....	1	1	Z3_

## hsa-miR-320a-3p

hsa-miR-320a-5p

ccccccuccggcuucucuuucccgguucuuccggagucggggaaaaggcuggguugagagggcgaaaaagggaug

.....gaaaaggcuggguugagagggcgU.....	11	1	Z3_
.....gaaaaggcuggluugagagggcga.....	1	1	Z3_
.....gaaaaggcuggguugagagggcgA.....	4	1	Z3_
.....gaaaaggcuggguugagagggcgaa.....	1	0	Z3_
.....gaaaaggcuggguugagagggcgau.....	1	1	Z3_
.....gaaaaggcuggguugagagggcgac.....	1	1	Z3_
.....gaaaaggcuggguugagagggcgua.....	5	1	Z3_
.....gaaaaggcuggguugagagggcgaaG.....	2	1	Z3_
.....gaaaaggcuggguugagagggcgaaU.....	3	1	Z3_
.....aaaaggcuggguugagaggg.....	2	0	Z3_
.....aaaaggcuggguugagaggg.....	7	0	Z3_
.....aaGagcuggguugagagggc.....	1	1	Z3_
.....aaaGgcuggguugagagggc.....	1	1	Z3_
.....aaaAGcuggguugagagggA.....	8	1	Z3_
.....aaaaggcuggguugagagggc.....	137	0	Z3_
.....aGaaggcuggguugagagggc.....	3	1	Z3_
.....aaaaggcuggguugaAagggc.....	1	1	Z3_
.....aaaagcCggguugagagggc.....	1	1	Z3_
.....aaaaggcuggguugagggcg.....	4	1	Z3_
.....aaaaggcuggguugagAgc.....	1	1	Z3_
.....aaaaggcuggguugagagggG.....	4	1	Z3_
.....aaaaggcuAggguugagagggcg.....	5	1	Z3_
.....aaaCcggcuggguugagagggcg.....	1	1	Z3_
.....aaaaggcuggguugagagAgcg.....	4	1	Z3_
.....aaaaggcuggguuaAaggggcg.....	5	1	Z3_
.....aaaaggcuggguugagUGgggcg.....	1	1	Z3_
.....aaaaggcuUggguugagagggcg.....	1	1	Z3_
.....aaaaggcuggguugagGgggcg.....	6	1	Z3_
.....aaaagcAggguugagagggcg.....	2	1	Z3_
.....Caaaggcuggguugagagggcg.....	3	1	Z3_
.....aaaaUcgggguugagagggcg.....	1	1	Z3_
.....Uaaaaggcuggguugagagggcg.....	6	1	Z3_
.....aaaaggcuggguugaUaggggcg.....	2	1	Z3_
.....aaaaggcuggguugaAaggggcg.....	3	1	Z3_
.....aaaaggcuggggCugagagggcg.....	13	1	Z3_
.....aaaaggcuggguugagagggcC.....	28	1	Z3_
.....aaaaggcuggguugagagggUg.....	13	1	Z3_
.....aaaaggcuggluugagagggcg.....	2	1	Z3_
.....aaaaggcOggguugagagggcg.....	2	1	Z3_
.....aaaaggcuggguugagAggcg.....	1	1	Z3_
.....Gaaaggcuggguugagagggcg.....	10	1	Z3_
.....aaaaggcuggguugagaggUcg.....	3	1	Z3_
.....aaaaAcuggguugagagggcg.....	6	1	Z3_
.....aaGagcuggguugagagggcg.....	10	1	Z3_
.....aaaaggcugAguugagagggcg.....	3	1	Z3_
.....aaaaggcuggguugagagggAg.....	2	1	Z3_
.....aaaaggcuggguugagaUggcg.....	1	1	Z3_
.....aaaaggcuggguCgagagggcg.....	15	1	Z3_
.....aaaaggcuggguugGggggcg.....	14	1	Z3_
.....aaaaggcuggguugagaggAcg.....	5	1	Z3_
.....aaaGgcuggguugagagggcg.....	13	1	Z3_
.....aaaAGggguugagagggcg.....	1	1	Z3_
.....aaaaggcugUguugagagggcg.....	2	1	Z3_
.....aaaaggcuggguugUgaggggcg.....	2	1	Z3_
.....aaaaggcuggguugagagggcU.....	50	1	Z3_
.....aaaaggcuggguugagagggcg.....	2445	0	Z3_
.....aaaaggcuggggAuggagagggcg.....	3	1	Z3_
.....aUaaggcuggguugagagggcg.....	2	1	Z3_
.....aaaaggcuggguugagagggcg.....	7	1	Z3_
.....aGaaggcuggguugagagggcg.....	12	1	Z3_
.....aaaaggcuggguugagAggcg.....	6	1	Z3_
.....aaaaggcGggguugagagggcg.....	1	1	Z3_
.....aaaaggcuggguugagagAgcg.....	4	1	Z3_
.....aaaaggcuggguugagagggcgA.....	6014	0	Z3_
.....aaaaggcugCguugagagggcgA.....	1	1	Z3_
.....aaaaggcuggguugagCgggcga.....	1	1	Z3_
.....aaGagcuggguugagagggcgA.....	24	1	Z3_
.....aaaUgcuggguugagagggcgA.....	3	1	Z3_
.....aaaaggcuggggCugagagggcgA.....	24	1	Z3_

## hsa-miR-320a-3p

hsa-miR-320a-5p

ccccccuccggcuuucucuuuccccggguuucuuccggagagucggggaaaagcuggguugagagggcgaaaaggaaug

.....aaaagcuggguugagagggcgG.....	56	1	Z3_
.....GaaagcuggguugagagggcgA.....	24	1	Z3_
.....aaaagcugUguugagagggcgA.....	3	1	Z3_
.....aaaagcuggguugGagggcgA.....	31	1	Z3_
.....UaaagcuggguugagagggcgA.....	10	1	Z3_
.....aaaagcuggguugagagggcgU.....	2	1	Z3_
.....aaaagcuggguuAagagggcgA.....	8	1	Z3_
.....aaaagcuggguugagagggUgA.....	17	1	Z3_
.....aaaagcuggguuUagagggcgA.....	1	1	Z3_
.....aaaagcuggguugagagggcgA.....	3	1	Z3_
.....aaaagcuggguuAagagggcgA.....	8	1	Z3_
.....aaaagcuggguugagagggUgA.....	13	1	Z3_
.....aaaagcuggguuCagagggcgA.....	21	1	Z3_
.....aaaagCggguugagagggcgA.....	19	1	Z3_
.....aaaagcuggguugagagggcgC.....	92	1	Z3_
.....aaaaAcuggguugagagggcgA.....	13	1	Z3_
.....aGaagcuggguugagagggcgA.....	34	1	Z3_
.....aaaagUggguugagagggcgA.....	13	1	Z3_
.....aaaagAuggguugagagggcgA.....	2	1	Z3_
.....aaaagcuggguugagagggcgU.....	807	1	Z3_
.....aaACgcuggguugagagggcgA.....	1	1	Z3_
.....aaaagcuggguugagagggcgA.....	12	1	Z3_
.....aaaagcuggguugagaggAgca.....	2	1	Z3_
.....aaaagcuggguugagaggUcga.....	2	1	Z3_
.....aCaagcuggguugagagggcgA.....	1	1	Z3_
.....aaaagcuggguuAagagggcgA.....	2	1	Z3_
.....aUaagcuggguugagagggcgA.....	4	1	Z3_
.....aaUagcuggguugagagggcgA.....	2	1	Z3_
.....aaaagcuggguugagagggUgA.....	5	1	Z3_
.....aaaagcugAguugagagggcgA.....	12	1	Z3_
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## hsa-miR-320a-3p

hsa-miR-320a-5p

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.....aaagcuggguugagagggcgaaaU.....	3	1	Z3_