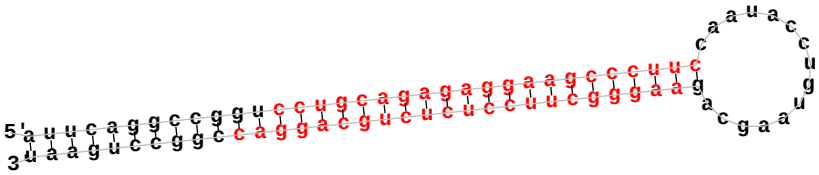
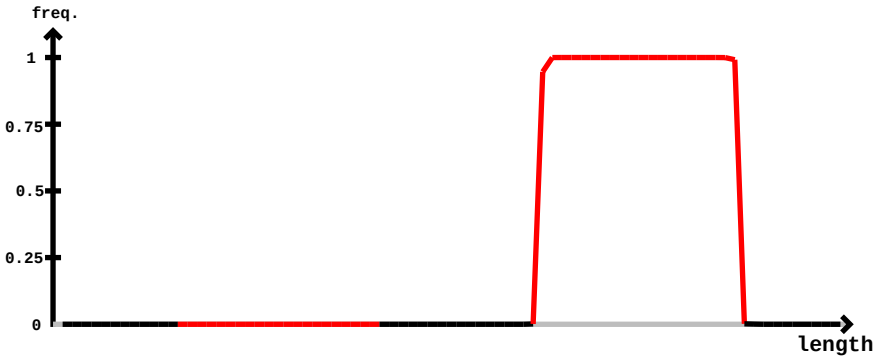
miRBase precursor : hsa-mir-3158-2
Total read count : 587845
hsa-miR-3158-5p read count 0
hsa-miR-3158-3p read count 587844
remaining reads : 1





hsa-miR-3158-3p

hsa-miR-3158-5p

5'- auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau -3' exp

	reads	mm	sample
.....gaagggcuuccucucugcagg.....	2	0	Z3_
.....gaagggcCuccucucugcagga.....	2	1	Z3_
.....gaagggcuuccucucugcagga.....	47	0	Z3_
.....gaagggcuuccucucugcaggU.....	3	1	Z3_
.....Aaagggcuuccucucugcagga.....	2	1	Z3_
.....gaagggcuuccucucugcGgga.....	1	1	Z3_
.....Caagggcuuccucucugcagga.....	9	1	Z3_
.....gaagggcuuccucucCgcagga.....	1	1	Z3_
.....gaaAggcuuccucucugcagga.....	3	1	Z3_
.....aagggcuuccAcucugca.....	1	1	Z3_
.....aagggcuuccucucugca.....	1	0	Z3_
.....aagggcuuccucucugcag.....	3	0	Z3_
.....aUgggcuuccucucugcagg.....	1	1	Z3_
.....aagggcuCccucucugcagg.....	2	1	Z3_
.....aagggcuuccucucugcagC.....	1	1	Z3_
.....aCgggcuuccucucugcagg.....	2	1	Z3_
.....aaUggcuuccucucugcagg.....	1	1	Z3_
.....aagggcuuccucucugcagg.....	331	0	Z3_
.....aagggcuuccucucugcagA.....	20	1	Z3_
.....aagggcuuccucucCgcagg.....	4	1	Z3_
.....aagggcCuccucucugcagg.....	3	1	Z3_
.....aagggcuuccucucugcagU.....	4	1	Z3_
.....aagggcuuccCcucugcagg.....	2	1	Z3_
.....aGgggcuuccucucugcagg.....	2	1	Z3_
.....aagggcuuccucCcugcagg.....	1	1	Z3_
.....Gagggcuuccucucugcagg.....	3	1	Z3_
.....aagggcuuccucucugUagg.....	2	1	Z3_
.....aagggcuuccuUucugcagg.....	2	1	Z3_
.....aagggcuuccucucugUagga.....	65	1	Z3_
.....aagggcuuccucucugGagga.....	9	1	Z3_
.....aagggcuuccucucugAagga.....	11	1	Z3_
.....aagggcuuccucucugcagga.....	46409	0	Z3_
.....aGgggcuuccucucugcagga.....	258	1	Z3_
.....aaggAcuuccucucugcagga.....	65	1	Z3_

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....aagggcuuccucuUugcagga.....	31	1	Z3_
.....aagggcGuccucucugcagga.....	9	1	Z3_
.....aagUgcuuccucucugcagga.....	4	1	Z3_
.....aagggcuuccucucuUcagga.....	7	1	Z3_
.....aagggcuuAcucucugcagga.....	9	1	Z3_
.....aagggcuuccucucugcagUa.....	7	1	Z3_
.....aagggcuuccucCcugcagga.....	227	1	Z3_
.....aagggcuuccucucugcaCga.....	4	1	Z3_
.....aagAgcuuccucucugcagga.....	67	1	Z3_
.....aagggcuuccucucugcCgga.....	7	1	Z3_
.....aagggcuGccucucugcagga.....	9	1	Z3_
.....aagggcuucUucucugcagga.....	47	1	Z3_
.....aagggcuuccucAcugcagga.....	38	1	Z3_
.....aagggcuuccucucGgcagga.....	8	1	Z3_
.....aagggcuuccCcucugcagga.....	291	1	Z3_
.....aagggcuuccucucugcUgga.....	40	1	Z3_
.....aagggcuuccucucugcaAga.....	48	1	Z3_
.....Uagggcuuccucucugcagga.....	110	1	Z3_
.....aCgggcuuccucucugcagga.....	11	1	Z3_
.....aagggcuucGucucugcagga.....	2	1	Z3_
.....aagggcuuccGcucugcagga.....	8	1	Z3_
.....aagggcuucAucucugcagga.....	13	1	Z3_
.....aagggcuuccucucugcaggG.....	346	1	Z3_
.....aagggcuuccAcucugcagga.....	27	1	Z3_
.....aagCgcuuccucucugcagga.....	2	1	Z3_
.....aagggcuuGcucucugcagga.....	3	1	Z3_
.....aagggcuuccucGcugcagga.....	8	1	Z3_
.....aagggcuuccucuCgcagga.....	269	1	Z3_
.....aagggcuuccucuGugcagga.....	1	1	Z3_
.....aagggUuuccucucugcagga.....	48	1	Z3_
.....aagggcuuccucucugcaUga.....	13	1	Z3_
.....aagggcCuccucucugcagga.....	241	1	Z3_
.....aagggcuuccucucuCcagga.....	3	1	Z3_
.....aagggcuuccuUucugcagga.....	36	1	Z3_
.....aUgggcuuccucucugcagga.....	46	1	Z3_
.....aagggcuuccucuAugcagga.....	10	1	Z3_
.....aagggcuuccucucugcaggC.....	75	1	Z3_
.....aagggcuuccucucugcagCa.....	3	1	Z3_
.....aaAggcuuccucucugcagga.....	58	1	Z3_
.....aaCggcuuccucucugcagga.....	4	1	Z3_
.....aaggUcuuccucucugcagga.....	22	1	Z3_
.....aagggcAuccucucugcagga.....	29	1	Z3_
.....aagggAuuccucucugcagga.....	15	1	Z3_
.....aagggcuuccucucugcagAa.....	40	1	Z3_
.....Cagggcuuccucucugcagga.....	49	1	Z3_
.....aagggGuuccucucugcagga.....	1	1	Z3_
.....aagggcuuccuAucugcagga.....	8	1	Z3_
.....aagggcuuccucucugcaggU.....	717	1	Z3_
.....aagggcuuccucucugcGgga.....	274	1	Z3_
.....aagggcuuccucucuAcagga.....	63	1	Z3_
.....aaUggcuuccucucugcagga.....	14	1	Z3_
.....Gagggcuuccucucugcagga.....	209	1	Z3_
.....aagggcuCccucucugcagga.....	232	1	Z3_
.....aagggcuAccucucugcagga.....	45	1	Z3_
.....aaggCcuuccucucugcagga.....	6	1	Z3_
.....aagggcuuccucucugcaggaA.....	4	1	Z3_
.....aagggcuuccucucugcaggac.....	41	0	Z3_
.....aaggAcuuccucucugcaggac.....	1	1	Z3_
.....aagggcuuccucucugcagAac.....	2	1	Z3_
.....aagggcuuccuAucugcaggac.....	1	1	Z3_
.....aagggcuuccucucugcaggaU.....	3	1	Z3_
.....aagggcuuccucucugcaggacG.....	2	1	Z3_
.....aagggcuuccucucugcaggacU.....	8	1	Z3_
.....aagggcuuccucucugcaggacA.....	11	1	Z3_
.....aAggcuuccucucugcagg.....	1	1	Z3_
.....agggcuuccucucugcagg.....	17	0	Z3_
.....agggcuuccucucCgcagga.....	16	1	Z3_
.....agggcuuccucAcugcagga.....	2	1	Z3_
.....agggcuuccucGcugcagga.....	1	1	Z3_

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....agggcuuccucucuAcagga.....	4	1	Z3_
.....agggcuuccucucAgcagga.....	3	1	Z3_
.....agggcuuccucucugcagga.....	2530	0	Z3_
.....agggcuuccucucugcaggG.....	14	1	Z3_
.....agggcuuccucucugcaggC.....	3	1	Z3_
.....agggcuuccucucugcagAa.....	2	1	Z3_
.....agggcuucUucucugcagga.....	1	1	Z3_
.....agggcuuccucCcugcagga.....	7	1	Z3_
.....agggcuuccucucugcaggU.....	42	1	Z3_
.....Cgggcuuccucucugcagga.....	4	1	Z3_
.....agggcuuccucucugAagga.....	1	1	Z3_
.....agggcuuccCcucugcagga.....	12	1	Z3_
.....Ggggcuuccucucugcagga.....	17	1	Z3_
.....agggcuuccucuUugcagga.....	1	1	Z3_
.....agggcuuccucucugcaAga.....	3	1	Z3_
.....agggcuAccucucugcagga.....	3	1	Z3_
.....agCgcuuccucucugcagga.....	1	1	Z3_
.....aAggcuuccucucugcagga.....	9	1	Z3_
.....aUggcuuccucucugcagga.....	2	1	Z3_
.....agAgcuuccucucugcagga.....	6	1	Z3_
.....agggcuuccucucugUagga.....	4	1	Z3_
.....agggcAuccucucugcagga.....	1	1	Z3_
.....agggcCuccucucugcagga.....	15	1	Z3_
.....aggCcuuccucucugcagga.....	3	1	Z3_
.....agggAuuccucucugcagga.....	3	1	Z3_
.....Ugggcuuccucucugcagga.....	5	1	Z3_
.....agggcuuccuUucugcagga.....	2	1	Z3_
.....agggcuCccucucugcagga.....	8	1	Z3_
.....agggcuuccucucugcGgga.....	15	1	Z3_
.....agggcuuccucucugcUgga.....	5	1	Z3_
.....agggcuuccucucugcaggac.....	5	0	Z3_
.....agggcuuccucucugcaggaU.....	3	1	Z3_
.....agggcuuccucucugcaggacU.....	7	1	Z3_
.....agggcuuccucucugcaggacc.....	5	0	Z3_
.....agggcuuccucucugcaggacA.....	5	1	Z3_
.....gggcuuccucucugcagga.....	3	0	Z3_
.....Aggcuuccucucugcagga.....	1	1	Z3_

.....gaagggcuuccucucugcagg.....	4	0	Z1_
.....gaagggcuuccucucugcagA.....	1	1	Z1_
.....gaagggcuuccucucugcaggG.....	3	1	Z1_
.....gaGgggcuuccucucugcagga.....	3	1	Z1_
.....Aaagggcuuccucucugcagga.....	3	1	Z1_
.....gCagggcuuccucucugcagga.....	1	1	Z1_
.....gaagggcuGccucucugcagga.....	1	1	Z1_
.....gaagggcuCccucucugcagga.....	1	1	Z1_
.....gaagggcuuccucucugcGgga.....	1	1	Z1_
.....gaagggcuuccAcucugcagga.....	2	1	Z1_
.....Uaagggcuuccucucugcagga.....	1	1	Z1_
.....gaagggcuuccucucugcagga.....	179	0	Z1_
.....gaagggcuuccucucCgcagga.....	1	1	Z1_
.....Caagggcuuccucucugcagga.....	22	1	Z1_
.....gaagggcuuccucucugcaggU.....	2	1	Z1_
.....gaagggcuuccucucugcUgga.....	1	1	Z1_
.....aagggcuuccucCcugca.....	1	1	Z1_
.....aagggcuuccucucugca.....	5	0	Z1_
.....aagggcuuccucucugcag.....	44	0	Z1_
.....aagggcuuccucucugcGg.....	2	1	Z1_
.....aagggcuuccucucugcaA.....	1	1	Z1_
.....aagAgcuuccucucugcagg.....	1	1	Z1_
.....aUgggcuuccucucugcagg.....	5	1	Z1_
.....aagggcuuccucucGgcagg.....	1	1	Z1_
.....aagggcuCccucucugcagg.....	6	1	Z1_
.....Cagggcuuccucucugcagg.....	3	1	Z1_
.....aagggcuuccucucCgcagg.....	12	1	Z1_
.....aagggcuuccAcucugcagg.....	3	1	Z1_
.....aGgggcuuccucucugcagg.....	6	1	Z1_
.....Gagggcuuccucucugcagg.....	3	1	Z1_
.....aagggcuuccucucuAcagg.....	1	1	Z1_

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....aagggcuuccuUucugcagg.....	5	1	Z1_
.....aagUgcuuccucucugcagg.....	1	1	Z1_
.....Uagggcuuccucucugcagg.....	7	1	Z1_
.....aagggcuuccucucugcUgg.....	1	1	Z1_
.....aagggcuuccucucugcagA.....	93	1	Z1_
.....aagggcuuccucucugUagg.....	5	1	Z1_
.....aagggcuuccucucugcagg.....	1358	0	Z1_
.....aagggcuuccucucugAagg.....	1	1	Z1_
.....aagggcuucUucucugcagg.....	1	1	Z1_
.....aaggAcuuccucucugcagg.....	7	1	Z1_
.....aagggcuuccucuUugcagg.....	3	1	Z1_
.....aagggcuuccucucugcGgg.....	10	1	Z1_
.....aagggcuuccucucugcagU.....	7	1	Z1_
.....aagggcGuccucucugcagg.....	3	1	Z1_
.....aagggcCuccucucugcagg.....	12	1	Z1_
.....aagggcuucAucucugcagg.....	1	1	Z1_
.....aagggcuuccucCcugcagg.....	9	1	Z1_
.....aagggcuAccucucugcagg.....	1	1	Z1_
.....aagggcuuccCcucugcagg.....	11	1	Z1_
.....aagggcuuccucucuCcagga.....	17	1	Z1_
.....aCgggcuuccucucugcagga.....	39	1	Z1_
.....aagggcuuccucucuAcagga.....	226	1	Z1_
.....aagggcuuccucucugcaCga.....	8	1	Z1_
.....aagggcuuccucuUugcagga.....	94	1	Z1_
.....aagggcuuccucucugcagAa.....	100	1	Z1_
.....aagggcuuccucucugcagUa.....	19	1	Z1_
.....aagggcuucAucucugcagga.....	27	1	Z1_
.....aagggcuuccucucugAagga.....	23	1	Z1_
.....aagggcAuccucucugcagga.....	123	1	Z1_
.....aagUgcuuccucucugcagga.....	26	1	Z1_
.....aagggcuuccucucugcaggC.....	143	1	Z1_
.....aagggcuuccucucugcGgga.....	739	1	Z1_
.....aagggcuuccucucugcUgga.....	140	1	Z1_
.....Uagggcuuccucucugcagga.....	445	1	Z1_
.....aagggcuuccCcucugcagga.....	898	1	Z1_
.....aUgggcuuccucucugcagga.....	145	1	Z1_
.....aagggcuuccucucugcaAga.....	148	1	Z1_
.....aaCggcuuccucucugcagga.....	11	1	Z1_
.....aagggcuuccucucugcCgga.....	31	1	Z1_
.....aaggAcuuccucucugcagga.....	183	1	Z1_
.....aagggGuuccucucugcagga.....	5	1	Z1_
.....aagggcuucUucucugcagga.....	126	1	Z1_
.....aagggcuuccucucuUcagga.....	45	1	Z1_
.....Gagggcuuccucucugcagga.....	658	1	Z1_
.....aaggUcuuccucucugcagga.....	40	1	Z1_
.....aagggcuuccucuGugcagga.....	2	1	Z1_
.....aagggcuGccucucugcagga.....	24	1	Z1_
.....aagggcuAccucucugcagga.....	141	1	Z1_
.....aagggcuuccucucCgcagga.....	724	1	Z1_
.....aagggcuuccucCcugcagga.....	703	1	Z1_
.....aaAggcuuccucucugcagga.....	136	1	Z1_
.....aagggAuuccucucugcagga.....	45	1	Z1_
.....aagggcuuccucucugcaggG.....	1043	1	Z1_
.....aagggcuuccucGcugcagga.....	19	1	Z1_
.....aagggcuuccucucugcagCa.....	11	1	Z1_
.....aagggcuucGucucugcagga.....	3	1	Z1_
.....aagggcuuAcucucugcagga.....	35	1	Z1_
.....aagggcuuccuUucugcagga.....	128	1	Z1_
.....aagggcuuccucucGgcagga.....	26	1	Z1_
.....aagCgcuuccucucugcagga.....	6	1	Z1_
.....Cagggcuuccucucugcagga.....	184	1	Z1_
.....aagggcCuccucucugcagga.....	847	1	Z1_
.....aagggcuuccucAcugcagga.....	116	1	Z1_
.....aagggcuuGcucucugcagga.....	7	1	Z1_
.....aagggcuuccGcucugcagga.....	19	1	Z1_
.....aaUggcuuccucucugcagga.....	18	1	Z1_
.....aagggcuuccuAucugcagga.....	22	1	Z1_
.....aagggcuCccucucugcagga.....	746	1	Z1_
.....aaggCcuuccucucugcagga.....	43	1	Z1_

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....aagggcuuccAcucugcagga.....	93	1	Z1_
.....aagggcuuccucuAugcagga.....	49	1	Z1_
.....aagggcGuccucucugcagga.....	31	1	Z1_
.....aagggcuuccucucugGagga.....	12	1	Z1_
.....aagggcuuccucucugcaggU.....	1337	1	Z1_
.....aagggUuuccucucugcagga.....	138	1	Z1_
.....aagggcuuccucucugcagga.....	143111	0	Z1_
.....aagggcuuccucucugUagga.....	247	1	Z1_
.....aagggcuuccucucugcaUga.....	33	1	Z1_
.....aagAgcuuccucucugcagga.....	184	1	Z1_
.....aGgggcuuccucucugcagga.....	754	1	Z1_
.....aagggcuuccCcucugcaggac.....	1	1	Z1_
.....aagggcuuccucucugcaggaG.....	6	1	Z1_
.....aagggcuuccucucugcaggaU.....	22	1	Z1_
.....aagggcuuccucucugcaggac.....	102	0	Z1_
.....aagggcuuccAcucugcaggac.....	2	1	Z1_
.....aagggcuuccucucCgcaggac.....	1	1	Z1_
.....aagggcGuccucucugcaggac.....	1	1	Z1_
.....aaCggcuuccucucugcaggac.....	1	1	Z1_
.....aagggcuuccucCcugcaggac.....	1	1	Z1_
.....aagggcuuccucucugcaggGc.....	1	1	Z1_
.....aagggcuuccucucugcaggaA.....	36	1	Z1_
.....aagggcuuccucucugcaggacc.....	2	0	Z1_
.....aagggcuuccucucugcaggacA.....	71	1	Z1_
.....aagggcuuccucucugcaggacG.....	2	1	Z1_
.....aagggcuuccucucugcaggacU.....	30	1	Z1_
.....agggcuuccucucugcag.....	4	0	Z1_
.....agggcuuccucucugcagA.....	2	1	Z1_
.....agggcuuccucucugcagg.....	49	0	Z1_
.....agggcuuccucucCgcagg.....	1	1	Z1_
.....agggcuCccucucugcagg.....	1	1	Z1_
.....agggcuGccucucugcagga.....	3	1	Z1_
.....agggcuuccucucugcUgga.....	6	1	Z1_
.....agggcuucUucucugcagga.....	6	1	Z1_
.....agggcuuccucucugUagga.....	17	1	Z1_
.....agggcAuccucucugcagga.....	7	1	Z1_
.....Cgggcuuccucucugcagga.....	8	1	Z1_
.....agggcuCccucucugcagga.....	36	1	Z1_
.....aggAcuuccucucugcagga.....	12	1	Z1_
.....agggcuuccucucugAagga.....	2	1	Z1_
.....agggcuuccCcucugcagga.....	55	1	Z1_
.....agggcuuccAcucugcagga.....	2	1	Z1_
.....agggcuuccucucugcagga.....	7207	0	Z1_
.....agggcuuccuUucugcagga.....	9	1	Z1_
.....agggcuuccucucugcagUa.....	1	1	Z1_
.....agggcuuccucucugcaCga.....	3	1	Z1_
.....agggcuuccucucGgcagga.....	6	1	Z1_
.....agggGuuccucucugcagga.....	2	1	Z1_
.....agggcuuccucucugcagAa.....	8	1	Z1_
.....agggcuuccucucuAcagga.....	7	1	Z1_
.....Ugggcuuccucucugcagga.....	24	1	Z1_
.....aggUcuuccucucugcagga.....	3	1	Z1_
.....agggcuuccucucugcaggC.....	3	1	Z1_
.....aUggcuuccucucugcagga.....	1	1	Z1_
.....agggcuuUcucucugcagga.....	5	1	Z1_
.....aggCcuuccucucugcagga.....	3	1	Z1_
.....agggcuuccucAcugcagga.....	6	1	Z1_
.....agggcuuccucucugcaAga.....	6	1	Z1_
.....agggUuuccucucugcagga.....	6	1	Z1_
.....agggcuuccucuAugcagga.....	2	1	Z1_
.....agggcuuccucucugcaggU.....	80	1	Z1_
.....agggcGuccucucugcagga.....	5	1	Z1_
.....agggcuuccucuUugcagga.....	7	1	Z1_
.....agggcuuccucGcugcagga.....	1	1	Z1_
.....agggcuuccucCcugcagga.....	30	1	Z1_
.....aAggcuuccucucugcagga.....	68	1	Z1_
.....agggcuAccucucugcagga.....	2	1	Z1_
.....agggcuuccucucugcGgga.....	46	1	Z1_
.....agggcuuGcucucugcagga.....	1	1	Z1_

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....agggcCuccucucugcagga.....	37	1	Z1_
.....agggAuuccucucugcagga.....	1	1	Z1_
.....agggcuuccucucCgcagga.....	28	1	Z1_
.....agggcuuccGcucugcagga.....	1	1	Z1_
.....agggcuuccucucAgcagga.....	4	1	Z1_
.....agggcuuccucucugcaggG.....	62	1	Z1_
.....agggcuuccucucugGagga.....	3	1	Z1_
.....agggcuuAcucucugcagga.....	2	1	Z1_
.....agggcuucAucucugcagga.....	1	1	Z1_
.....agggcuuccucucugcaUga.....	4	1	Z1_
.....agAgcuuccucucugcagga.....	9	1	Z1_
.....Ggggcuuccucucugcagga.....	33	1	Z1_
.....agggcuuccucucugcaggac.....	13	0	Z1_
.....agggAuuccucucugcaggac.....	1	1	Z1_
.....agggcuuccucucugcaggaU.....	2	1	Z1_
.....agggcuuccucucugcaggacc.....	12	0	Z1_
.....agggcuuccucucugcaggacA.....	11	1	Z1_
.....agggcCuccucucugcaggacc.....	1	1	Z1_
.....agggcuuccucucugcaggacG.....	2	1	Z1_
.....agggcuuccucucugcaggacU.....	37	1	Z1_
.....gggcuuccucucugcagga.....	7	0	Z1_
.....gUgcuuccucucugcagga.....	1	1	Z1_
.....Aggcuuccucucugcagga.....	5	1	Z1_
.....gggcuuccucucugcaggU.....	1	1	Z1_
.....aAaagggcuuccucucugcagga.....	4	1	Z2_
.....gaagggcuuccucuUugcagga.....	2	1	Z2_
.....gaagggcuuccucucugcaAga.....	1	1	Z2_
.....gGagggcuuccucucugcagga.....	1	1	Z2_
.....Caagggcuuccucucugcagga.....	16	1	Z2_
.....Aaagggcuuccucucugcagga.....	1	1	Z2_
.....gaagggcuuccucucCgcagga.....	1	1	Z2_
.....gaagggcuuccucucugcaggU.....	2	1	Z2_
.....gaagggcuuccucCcugcagga.....	1	1	Z2_
.....gaagggcuuccucucugcGgga.....	1	1	Z2_
.....gaagggcuuccucucugcagga.....	129	0	Z2_
.....aagggcuuccucucugca.....	3	0	Z2_
.....aagggcuuccucucugcag.....	26	0	Z2_
.....aagggcuuccucucugcaA.....	5	1	Z2_
.....aagggcCuccucucugcag.....	1	1	Z2_
.....aagggcuuccAcucugcagg.....	1	1	Z2_
.....aagggcuuccucucugUagg.....	3	1	Z2_
.....aagggcuuccucucugcagA.....	36	1	Z2_
.....aagggcuuccucuUugcagg.....	1	1	Z2_
.....aagggcCuccucucugcagg.....	5	1	Z2_
.....aagggcuuccucucugcagC.....	2	1	Z2_
.....aaAggcuuccucucugcagg.....	1	1	Z2_
.....Gagggcuuccucucugcagg.....	1	1	Z2_
.....aagggcuuccCcucugcagg.....	2	1	Z2_
.....aGgggcuuccucucugcagg.....	6	1	Z2_
.....aagggcuCccucucugcagg.....	3	1	Z2_
.....Uagggcuuccucucugcagg.....	1	1	Z2_
.....aagggcuuccucucCgcagg.....	2	1	Z2_
.....aagggcuuccucucugcagU.....	1	1	Z2_
.....aaggAcuuccucucugcagg.....	1	1	Z2_
.....aagggcuuccucucuCcagg.....	1	1	Z2_
.....aagggcuuccucucugcagg.....	505	0	Z2_
.....aagggcuuccucCcucgcagg.....	1	1	Z2_
.....aagggcuuccucucuCcagga.....	20	1	Z2_
.....aagggAuuccucucugcagga.....	33	1	Z2_
.....aagggcuuccucCcucgcagga.....	421	1	Z2_
.....aagggcuucGucucugcagga.....	2	1	Z2_
.....aagggcuuccucucGgcagga.....	16	1	Z2_
.....aagggcuGccucucugcagga.....	15	1	Z2_
.....aagggcuuccucuAugcagga.....	23	1	Z2_
.....aaggCcuuccucucugcagga.....	29	1	Z2_
.....aagggGuuccucucugcagga.....	7	1	Z2_
.....Cagggcuuccucucugcagga.....	49	1	Z2_
.....aagggcuuccucucugGagga.....	16	1	Z2_

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....aagggcuuccucucugcagga.....	84731	0	Z2_
.....aGgggcuuccucucugcagga.....	425	1	Z2_
.....aagggcuucAucucugcagga.....	25	1	Z2_
.....aaggAcuuccucucugcagga.....	116	1	Z2_
.....aagggcuuAcucucugcagga.....	24	1	Z2_
.....aagggcuuccucucugcUgga.....	84	1	Z2_
.....aaggUcuuccucucugcagga.....	17	1	Z2_
.....aagggcuuccucucugcGgga.....	457	1	Z2_
.....Uagggcuuccucucugcagga.....	156	1	Z2_
.....aaUggcuuccucucugcagga.....	13	1	Z2_
.....aagggcuuccucucugAagga.....	12	1	Z2_
.....aagggcuuccucGcugcagga.....	9	1	Z2_
.....aagggcuuccucucugcagUa.....	11	1	Z2_
.....aagggcuuccucucCgcagga.....	435	1	Z2_
.....aUgggcuuccucucugcagga.....	86	1	Z2_
.....aagggcuuccucAcugcagga.....	74	1	Z2_
.....aagggcuAccucucugcagga.....	79	1	Z2_
.....aagggcuuccAcucugcagga.....	61	1	Z2_
.....aagAgcuuccucucugcagga.....	112	1	Z2_
.....aagggcuuccucuGugcagga.....	1	1	Z2_
.....aagggcuucUucucugcagga.....	74	1	Z2_
.....aagggcuuccucucugcaUga.....	19	1	Z2_
.....aagggcuuccuUucugcagga.....	76	1	Z2_
.....aagggcGuccucucugcagga.....	16	1	Z2_
.....aagUgcuuccucucugcagga.....	18	1	Z2_
.....aagggcuuccucucugcagAa.....	70	1	Z2_
.....aagggcuuccucucugcaggU.....	690	1	Z2_
.....aagggcuuccucucuUcagga.....	24	1	Z2_
.....aagggcuuccGcucugcagga.....	11	1	Z2_
.....aagggcuuccucuUugcagga.....	94	1	Z2_
.....aagggcuuccucucugUagga.....	118	1	Z2_
.....aagggcuuccucucugcaggG.....	658	1	Z2_
.....aagggcuuccucucugcCgga.....	22	1	Z2_
.....aagggcuuccucucugcaggC.....	64	1	Z2_
.....aagggUuuccucucugcagga.....	95	1	Z2_
.....Gagggcuuccucucugcagga.....	406	1	Z2_
.....aagggcuCccucucugcagga.....	482	1	Z2_
.....aagggcAuccucucugcagga.....	70	1	Z2_
.....aaCggcuuccucucugcagga.....	7	1	Z2_
.....aagggcuuGcucucugcagga.....	1	1	Z2_
.....aagCgcuuccucucugcagga.....	5	1	Z2_
.....aagggcCuccucucugcagga.....	549	1	Z2_
.....aagggcuuccucucugcaAga.....	104	1	Z2_
.....aagggcuuccuAucugcagga.....	19	1	Z2_
.....aagggcuuccucucugcagCa.....	4	1	Z2_
.....aCgggcuuccucucugcagga.....	10	1	Z2_
.....aagggcuuccucucuAcagga.....	128	1	Z2_
.....aaAggcuuccucucugcagga.....	78	1	Z2_
.....aagggcuuccucucugcaCga.....	10	1	Z2_
.....aagggcuuccCcucugcagga.....	563	1	Z2_
.....aagggcuuccucucugcaggaA.....	5	1	Z2_
.....aagggcuuccucucGgcaggac.....	2	1	Z2_
.....aagggcuuccucucugcaggac.....	62	0	Z2_
.....aagggcCuccucucugcaggac.....	3	1	Z2_
.....aagggcuuccucucuAcaggac.....	1	1	Z2_
.....aagggcuuccucucugcaggaU.....	15	1	Z2_
.....aGgggcuuccucucugcaggac.....	2	1	Z2_
.....aagggcuAccucucugcaggac.....	1	1	Z2_
.....aUgggcuuccucucugcaggac.....	1	1	Z2_
.....aagggcuCccucucugcaggac.....	1	1	Z2_
.....aagggcuuccucucugcaggacG.....	2	1	Z2_
.....aagggcuuccucucugcaggacA.....	20	1	Z2_
.....aagggcuuccucucugcaggacU.....	27	1	Z2_
.....aagggcuuccucucugcaggacc.....	2	0	Z2_
.....aAggcuuccucucugcagg.....	1	1	Z2_
.....agggcuuccucucugcagA.....	2	1	Z2_
.....agggcuuccucucugcagg.....	18	0	Z2_
.....agggcuuccucucugcaggC.....	1	1	Z2_
.....agggGuuccucucugcagga.....	1	1	Z2_

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....Cgggcuuccucucugcagga.....	3	1	Z2_
.....agggcuuccucAcugcagga.....	8	1	Z2_
.....agggcuuccucucGgcagga.....	1	1	Z2_
.....agggcuuccGcucugcagga.....	2	1	Z2_
.....agggcuuAcucucugcagga.....	2	1	Z2_
.....aAggcuuccucucugcagga.....	32	1	Z2_
.....agggcuuccucucCgcagga.....	20	1	Z2_
.....agggcuuccucucuAcagga.....	9	1	Z2_
.....agggcuuGcucucugcagga.....	1	1	Z2_
.....agggcuuccCcucugcagga.....	22	1	Z2_
.....agggcuuccucucugGagga.....	1	1	Z2_
.....agggcuuccAcucugcagga.....	3	1	Z2_
.....agggcuuccucucugcGgga.....	29	1	Z2_
.....agggcuuccucucugcaAga.....	2	1	Z2_
.....agggcuuUcucucugcagga.....	3	1	Z2_
.....agggcuuccucCcugcagga.....	12	1	Z2_
.....agggcuCccucucugcagga.....	25	1	Z2_
.....agggcuuccucucugUagga.....	10	1	Z2_
.....agggcuucUucucugcagga.....	12	1	Z2_
.....agggcuuccucucugcagUa.....	3	1	Z2_
.....aggUcuuccucucugcagga.....	1	1	Z2_
.....agggcuuccucucugcaggG.....	42	1	Z2_
.....agggAuuccucucugcagga.....	1	1	Z2_
.....agggcGuccucucugcagga.....	2	1	Z2_
.....agggcuuccucucugcagAa.....	7	1	Z2_
.....agggcuuccucuUugcagga.....	2	1	Z2_
.....agggcuAccucucugcagga.....	3	1	Z2_
.....agggcCuccucucugcagga.....	26	1	Z2_
.....agggcuuccuAucugcagga.....	1	1	Z2_
.....agggcAuccucucugcagga.....	7	1	Z2_
.....agggcuuccucucuCcagga.....	1	1	Z2_
.....agAgcuuccucucugcagga.....	12	1	Z2_
.....agggcuuccuUucugcagga.....	1	1	Z2_
.....agggcuuccucucugcaggU.....	34	1	Z2_
.....agggcuuccucucugcagga.....	4137	0	Z2_
.....agggcuuccucuAugcagga.....	2	1	Z2_
.....aggAcuuccucucugcagga.....	11	1	Z2_
.....agggcuuccucucAgcagga.....	8	1	Z2_
.....Ugggcuuccucucugcagga.....	14	1	Z2_
.....agggUuuccucucugcagga.....	3	1	Z2_
.....agggcuuccucucugcUgga.....	3	1	Z2_
.....Ggggcuuccucucugcagga.....	24	1	Z2_
.....agggcAuccucucugcaggac.....	1	1	Z2_
.....agggcuuccucucugcaggaU.....	1	1	Z2_
.....agggcuuccucucugcaggac.....	4	0	Z2_
.....agggcuuccucucugcGggac.....	1	1	Z2_
.....agggcuuccucucugcaggacU.....	16	1	Z2_
.....agggcuuccucucugcaggacc.....	1	0	Z2_
.....agggcuuccucucugcaggacA.....	6	1	Z2_
.....Aggcuuccucucugcagga.....	1	1	Z2_
.....caAaagggcuuccucucugcagga.....	1	1	GDM
.....gaagggcuuccucucugc.....	1	0	GDM
.....gaagggcuuccucucugcagg.....	1	0	GDM
.....gaagggcuuccucucCgcagga.....	1	1	GDM
.....Caagggcuuccucucugcagga.....	60	1	GDM
.....Uaagggcuuccucucugcagga.....	1	1	GDM
.....gaagggcuuccucCcugcagga.....	1	1	GDM
.....Caagggcuuccucucugcagga.....	60	1	GDM
.....gaagggcCuccucucugcagga.....	1	1	GDM
.....gaagggcuuccucucugcaggU.....	4	1	GDM
.....gaagggcuuccucucugcagga.....	189	0	GDM
.....gaagggcuuccucucugcaggU.....	4	1	GDM
.....gaagggUuuccucucugcagga.....	2	1	GDM
.....gaagggcuuccucucugcaggU.....	4	1	GDM
.....Aaagggcuuccucucugcagga.....	3	1	GDM
.....gaagggcuuccucucugcagga.....	189	0	GDM
.....gaagggUuuccucucugcagga.....	2	1	GDM
.....gaagggcuuccucucugcaggG.....	1	1	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....gaagggcuuccucucugcaggC.....	1	1	GDM
.....gaagggcuCccucucugcagga.....	1	1	GDM
.....gaaUggcuuccucucugcagga.....	1	1	GDM
.....gaagggcuucAucucugcagga.....	1	1	GDM
.....gaGgggcuuccucucugcagga.....	3	1	GDM
.....gGagggcuuccucucugcagga.....	3	1	GDM
.....Aaagggcuuccucucugcagga.....	3	1	GDM
.....gaagggcuuccucucugcagga.....	189	0	GDM
.....Caagggcuuccucucugcagga.....	60	1	GDM
.....gaGgggcuuccucucugcagga.....	3	1	GDM
.....gaagggcuuccucucugcCgga.....	1	1	GDM
.....aagggcuuccucucuUca.....	1	1	GDM
.....aagggcuuccucucugca.....	14	0	GDM
.....aagggcuuccucucugca.....	14	0	GDM
.....aagggcuuccucucugca.....	14	0	GDM
.....aagggcuuccucucugcaA.....	5	1	GDM
.....aagggcuuccucucugcag.....	50	0	GDM
.....aagggcuuccucucugcaA.....	5	1	GDM
.....aagggcuuccucucugcGg.....	1	1	GDM
.....aagggcuuccucCcugcag.....	1	1	GDM
.....aagggcuuccucucugcag.....	50	0	GDM
.....aagggcuuccucucugcag.....	50	0	GDM
.....aagggcuuccucucugcaU.....	2	1	GDM
.....aUgggcuuccucucugcagg.....	1	1	GDM
.....aagggcuuccucucugcagC.....	5	1	GDM
.....aagggcuuccucucCgcagg.....	7	1	GDM
.....Uagggcuuccucucugcagg.....	4	1	GDM
.....aaggAcuuccucucugcagg.....	3	1	GDM
.....Gagggcuuccucucugcagg.....	11	1	GDM
.....aagggcuuccCcucugcagg.....	14	1	GDM
.....aagggcuuccucucuCcagg.....	2	1	GDM
.....aagggAuuccucucugcagg.....	2	1	GDM
.....Cagggcuuccucucugcagg.....	1	1	GDM
.....aagggcuuccucucugUagg.....	6	1	GDM
.....aagggcuuccucucugcagg.....	1748	0	GDM
.....aagggcuuccucucugcUgg.....	5	1	GDM
.....aagggcuuccucucugcagU.....	16	1	GDM
.....aaCggcuuccucucugcagg.....	1	1	GDM
.....aagggcuuccucucugcagA.....	101	1	GDM
.....aagggAuuccucucugcagg.....	2	1	GDM
.....aagggcuuccucucCgcagg.....	7	1	GDM
.....aagggcuucUucucugcagg.....	1	1	GDM
.....aagggcuuccucucugcGgg.....	15	1	GDM
.....aagggcuCccucucugcagg.....	13	1	GDM
.....aagggcuuccucucugcagg.....	1748	0	GDM
.....aagggcuuccucucugcagg.....	1748	0	GDM
.....aagUgcuuccucucugcagg.....	1	1	GDM
.....aagggcuuccucCcugcagg.....	6	1	GDM
.....aagggcuuccucucugcagU.....	16	1	GDM
.....aagAgcuuccucucugcagg.....	5	1	GDM
.....aagggcuuccucucugcCgg.....	7	1	GDM
.....aagggcuuccucucugcGgg.....	15	1	GDM
.....aaggCcuuccucucugcagg.....	1	1	GDM
.....aaAggcuuccucucugcagg.....	2	1	GDM
.....Uagggcuuccucucugcagg.....	4	1	GDM
.....aagggcuuccucucugcCgg.....	7	1	GDM
.....aagggcuuccucucCgcagg.....	7	1	GDM
.....aagggcuuccucAcugcagg.....	1	1	GDM
.....aagAgcuuccucucugcagg.....	5	1	GDM
.....aagggcGuccucucugcagg.....	1	1	GDM
.....aagggcuuccucucugcagA.....	101	1	GDM
.....aGgggcuuccucucugcagg.....	8	1	GDM
.....aagggcuuccucucugcagC.....	5	1	GDM
.....aagggcCuccucucugcagg.....	12	1	GDM
.....aagggcuuccucucuAcagg.....	1	1	GDM
.....aagggcuuccCcucugcagg.....	14	1	GDM
.....aagggcuuccucGcugcagg.....	1	1	GDM
.....aagggcCuccucucugcagg.....	12	1	GDM
.....aagggcuuccucucugcGgg.....	15	1	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....Uagggcuuccucucugcagg.....	4	1	GDM
.....aagggcuCccucucugcagg.....	13	1	GDM
.....aagggcuuccucucugcUgg.....	5	1	GDM
.....aagggcuuccucucugcagA.....	101	1	GDM
.....aagggcCuccucucugcagg.....	12	1	GDM
.....aGgggcuuccucucugcagg.....	8	1	GDM
.....Gagggcuuccucucugcagg.....	11	1	GDM
.....aagggcuuccucCcugcagg.....	6	1	GDM
.....aagggcuuccucucugcaAg.....	2	1	GDM
.....aagggUuuccucucugcagg.....	1	1	GDM
.....aagggcuuccucucugcUgg.....	5	1	GDM
.....aagggcuuccucucugUagg.....	6	1	GDM
.....aCgggcuuccucucugcagg.....	1	1	GDM
.....aagggcuuccucucugcaAg.....	2	1	GDM
.....aagggcuuccucucugUagg.....	6	1	GDM
.....aagggcuuccCcucugcagg.....	14	1	GDM
.....Gagggcuuccucucugcagg.....	11	1	GDM
.....aaAggcuuccucucugcagg.....	2	1	GDM
.....aagAgcuuccucucugcagg.....	5	1	GDM
.....aagggcuCccucucugcagg.....	13	1	GDM
.....aaggAcuuccucucugcagg.....	3	1	GDM
.....aagggcuuccucucugcagU.....	16	1	GDM
.....aaAggcuuccucucugcagga.....	233	1	GDM
.....aagggcuuccCcucugcagga.....	1441	1	GDM
.....aagggcuuccucuUugcagga.....	166	1	GDM
.....aaCggcuuccucucugcagga.....	16	1	GDM
.....aagggcuuccucucugcaggG.....	1875	1	GDM
.....aUgggcuuccucucugcagga.....	251	1	GDM
.....aaggAcuuccucucugcagga.....	312	1	GDM
.....aagggcuucAucucugcagga.....	97	1	GDM
.....aaggCcuuccucucugcagga.....	74	1	GDM
.....aagggcuuccucCcugcagga.....	1190	1	GDM
.....aagggcuuccucucGgcagga.....	60	1	GDM
.....aagggcuuccucucuAcagga.....	361	1	GDM
.....aGgggcuuccucucugcagga.....	1223	1	GDM
.....aagggcuuccucucuCcagga.....	66	1	GDM
.....aagggcuuccucucuAcagga.....	361	1	GDM
.....aaggAcuuccucucugcagga.....	312	1	GDM
.....aagggcuuccuAucugcagga.....	47	1	GDM
.....aagggcuucUucucugcagga.....	231	1	GDM
.....aagggcuucUucucugcagga.....	231	1	GDM
.....Cagggcuuccucucugcagga.....	143	1	GDM
.....aagggcuuccucucugcUgga.....	270	1	GDM
.....aagCgcuuccucucugcagga.....	13	1	GDM
.....aaAggcuuccucucugcagga.....	233	1	GDM
.....aaggUcuuccucucugcagga.....	99	1	GDM
.....aagggcuuccucucGgcagga.....	60	1	GDM
.....Gagggcuuccucucugcagga.....	1111	1	GDM
.....aagggcuuccCcucugcagga.....	1441	1	GDM
.....aagggcGuccucucugcagga.....	54	1	GDM
.....aagggcuAccucucugcagga.....	276	1	GDM
.....aagggcuuccucucugcaCga.....	37	1	GDM
.....aagggcuuccucucugcaCga.....	37	1	GDM
.....aagggcuuccucucugcagAa.....	205	1	GDM
.....aagggcAuccucucugcagga.....	199	1	GDM
.....aagggcuuccucucugcUgga.....	270	1	GDM
.....aagggcCuccucucugcagga.....	1316	1	GDM
.....aagggcuuccucuGugcagga.....	7	1	GDM
.....aagggcuuccucucugGagga.....	35	1	GDM
.....Cagggcuuccucucugcagga.....	143	1	GDM
.....aagggcuuccucucugGagga.....	35	1	GDM
.....aagggcuuccucucugcaUga.....	69	1	GDM
.....aagggcuuccucucuUcagga.....	57	1	GDM
.....aaggCcuuccucucugcagga.....	74	1	GDM
.....aagUgcuuccucucugcagga.....	50	1	GDM
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.....Gagggcuuccucucugcagga.....	1111	1	GDM
.....aagggcAuccucucugcagga.....	199	1	GDM
.....aaggCcuuccucucugcagga.....	74	1	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....aagggcuuccucucugcagAa.....	205	1	GDM
.....aagggcuCccucucugcagga.....	1217	1	GDM
.....aagggcuuccucCcugcagga.....	1190	1	GDM
.....aagUgcuuccucucugcagga.....	50	1	GDM
.....aagggcuuAcucucugcagga.....	72	1	GDM
.....aagggGuuccucucugcagga.....	9	1	GDM
.....aagggcuuccucucugcaggU.....	3426	1	GDM
.....aagggcuuccucucuCcagga.....	66	1	GDM
.....aagggcuuccucucuCcagga.....	66	1	GDM
.....aagggcuCccucucugcagga.....	1217	1	GDM
.....aagggcuuccucucugcaggG.....	1875	1	GDM
.....aagggcuuccuUucugcagga.....	234	1	GDM
.....Gagggcuuccucucugcagga.....	1111	1	GDM
.....aagggcuuccucucugcaUga.....	69	1	GDM
.....aagggcuAccucucugcagga.....	276	1	GDM
.....aagggcuuccucucugcaAga.....	250	1	GDM
.....aagggcuuGcucucugcagga.....	10	1	GDM
.....aCgggcuuccucucugcagga.....	49	1	GDM
.....aagggcuuccucucugcaggC.....	275	1	GDM
.....aaggAcuuccucucugcagga.....	312	1	GDM
.....aagggUuuccucucugcagga.....	241	1	GDM
.....aagggcuuccucucugcaCga.....	37	1	GDM
.....aagggcuucGucucugcagga.....	7	1	GDM
.....aagggcGuccucucugcagga.....	54	1	GDM
.....aagggcuuccucucugUagga.....	369	1	GDM
.....aagggcuuccucucugGagga.....	35	1	GDM
.....aagggcuuccucuGugcagga.....	7	1	GDM
.....aagggcuCccucucugcagga.....	1217	1	GDM
.....aagggcuuccucucugcagga.....	229557	0	GDM
.....aagggcuuccuUucugcagga.....	234	1	GDM
.....aagggcuuccucuAugcagga.....	83	1	GDM
.....aagggcuuccucuUugcagga.....	166	1	GDM
.....Uagggcuuccucucugcagga.....	510	1	GDM
.....aagggcuuccucCcugcagga.....	1190	1	GDM
.....aagggcuuGcucucugcagga.....	10	1	GDM
.....aagAgcuuccucucugcagga.....	307	1	GDM
.....aagggcuuccucucugcCgga.....	52	1	GDM
.....aagggcuuccucuAugcagga.....	83	1	GDM
.....aagAgcuuccucucugcagga.....	307	1	GDM
.....aagggcuuccucucugAagga.....	31	1	GDM
.....aagggcuuccucucugcaAga.....	250	1	GDM
.....aaAggcuuccucucugcagga.....	233	1	GDM
.....Uagggcuuccucucugcagga.....	510	1	GDM
.....aGgggcuuccucucugcagga.....	1223	1	GDM
.....aagggcuuccucucugcaUga.....	69	1	GDM
.....aagggGuuccucucugcagga.....	9	1	GDM
.....aagggcuuccucucugUagga.....	369	1	GDM
.....aagggcuuccAucucugcagga.....	97	1	GDM
.....aagggcuuccAcucugcagga.....	208	1	GDM
.....aagggcuuccucAcugcagga.....	220	1	GDM
.....aagggcuuccucucugcCgga.....	52	1	GDM
.....aagggcuuccucucugcCgga.....	52	1	GDM
.....aagggcAuccucucugcagga.....	199	1	GDM
.....aaggUcuuccucucugcagga.....	99	1	GDM
.....aCgggcuuccucucugcagga.....	49	1	GDM
.....aagggcuuccucucCgcagga.....	1345	1	GDM
.....aagggcuuccucuAugcagga.....	83	1	GDM
.....aagggcuuccucucugcagCa.....	28	1	GDM
.....aagggcuuccucucugcagCa.....	28	1	GDM
.....aagggcuuccucucuUcagga.....	57	1	GDM
.....aagUgcuuccucucugcagga.....	50	1	GDM
.....aagggcuuccucucuUcagga.....	57	1	GDM
.....aagggcCuccucucugcagga.....	1316	1	GDM
.....aagggcuuccucucugcaggG.....	1875	1	GDM
.....aagggcuuccGcucugcagga.....	30	1	GDM
.....aagggcuuccucucugcagga.....	229557	0	GDM
.....aagggcuuccuUucugcagga.....	234	1	GDM
.....aagggcuuccucuUugcagga.....	166	1	GDM
.....aagggcGuccucucugcagga.....	54	1	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....aagggcuuccucucGgcagga.....	60	1	GDM
.....aagggcuuccAcucugcagga.....	208	1	GDM
.....aagggcuuccucucCgcagga.....	1345	1	GDM
.....aagggcuucAucucugcagga.....	97	1	GDM
.....aagggcuGccucucugcagga.....	64	1	GDM
.....aagggcuuccAcucugcagga.....	208	1	GDM
.....aaUggcuuccucucugcagga.....	44	1	GDM
.....aagggcuuAcucucugcagga.....	72	1	GDM
.....aaCggcuuccucucugcagga.....	16	1	GDM
.....aagggcuuccucucugcGgga.....	1440	1	GDM
.....aagggcuGccucucugcagga.....	64	1	GDM
.....aagggcuucUucucugcagga.....	231	1	GDM
.....aagggcuuccucucugAagga.....	31	1	GDM
.....aGgggcuuccucucugcagga.....	1223	1	GDM
.....aagggcuucGucucugcagga.....	7	1	GDM
.....aUgggcuuccucucugcagga.....	251	1	GDM
.....aagggcuuccuAucugcagga.....	47	1	GDM
.....aagggcuuAcucucugcagga.....	72	1	GDM
.....aagggcuGccucucugcagga.....	64	1	GDM
.....aagCgcuuccucucugcagga.....	13	1	GDM
.....aagggcuuccucucugcaAga.....	250	1	GDM
.....aagggcuuccucucugcGgga.....	1440	1	GDM
.....aagggUuuccucucugcagga.....	241	1	GDM
.....aagggcuuccucAcugcagga.....	220	1	GDM
.....aagggcuuccucGcugcagga.....	35	1	GDM
.....aagggcCuccucucugcagga.....	1316	1	GDM
.....aagggcuuccucucugcUgga.....	270	1	GDM
.....aagggcuuccGcucugcagga.....	30	1	GDM
.....aaUggcuuccucucugcagga.....	44	1	GDM
.....aagggGuuccucucugcagga.....	9	1	GDM
.....aagggcuuccucucugcagCa.....	28	1	GDM
.....aagggcuuGcucucugcagga.....	10	1	GDM
.....aaggUcuuccucucugcagga.....	99	1	GDM
.....aagggcuuccucGcugcagga.....	35	1	GDM
.....aagggcuuccucucugcaggC.....	275	1	GDM
.....aagggAuuccucucugcagga.....	80	1	GDM
.....Cagggcuuccucucugcagga.....	143	1	GDM
.....aagggcuuccucucugAagga.....	31	1	GDM
.....aagggcuuccucAcugcagga.....	220	1	GDM
.....aagggcuuccucucugcaggC.....	275	1	GDM
.....aCgggcuuccucucugcagga.....	49	1	GDM
.....aagggcuuccucucugcagUa.....	44	1	GDM
.....aagggAuuccucucugcagga.....	80	1	GDM
.....aaCggcuuccucucugcagga.....	16	1	GDM
.....aagAgcuuccucucugcagga.....	307	1	GDM
.....aagggcuuccucucugUagga.....	369	1	GDM
.....aagggcuuccucucugcaggU.....	3426	1	GDM
.....aaUggcuuccucucugcagga.....	44	1	GDM
.....aagggcuAccucucugcagga.....	276	1	GDM
.....aagggcuuccucucugcagUa.....	44	1	GDM
.....aagggcuuccucGcugcagga.....	35	1	GDM
.....aagggcuuccGcucugcagga.....	30	1	GDM
.....aagggcuuccuAucugcagga.....	47	1	GDM
.....aagggcuuccucucugcagUa.....	44	1	GDM
.....aagggcuuccucucugcaggU.....	3426	1	GDM
.....aagggcuuccucucuAcagga.....	361	1	GDM
.....aagggUuuccucucugcagga.....	241	1	GDM
.....aagggcuuccucucugcagga.....	229557	0	GDM
.....aagggcuuccucuGugcagga.....	7	1	GDM
.....aUgggcuuccucucugcagga.....	251	1	GDM
.....aagggAuuccucucugcagga.....	80	1	GDM
.....aagggcuuccucucugcagAa.....	205	1	GDM
.....aagggcuuccucucCgcagga.....	1345	1	GDM
.....aagggcuuccCcucugcagga.....	1441	1	GDM
.....Uagggcuuccucucugcagga.....	510	1	GDM
.....aagggcuuccucCcugcaggac.....	3	1	GDM
.....aagggcuuccucucugcGggac.....	1	1	GDM
.....aagggcuuccucucuAcaggac.....	1	1	GDM
.....aagggcuuccucucugcaggac.....	129	0	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....aagggcuuccuUucugcaggac.....	1	1	GDM
.....aagggcuuccucucugcaggaG.....	6	1	GDM
.....aagggcuuccucucugcaggaG.....	6	1	GDM
.....aagggcuuccucucugcaggaA.....	21	1	GDM
.....aagggcuuccucucugcaggac.....	129	0	GDM
.....aGgggcuuccucucugcaggac.....	3	1	GDM
.....aagggcuuccucucugcaggaU.....	34	1	GDM
.....aagggcuCccucucugcaggac.....	2	1	GDM
.....aagggcuuccucucugcaggaG.....	6	1	GDM
.....aagggcuuccucucugcaggac.....	129	0	GDM
.....aagggcuCccucucugcaggac.....	2	1	GDM
.....aagggcuuccucucugcagAac.....	1	1	GDM
.....aagggcuuccucucugcaggUc.....	1	1	GDM
.....aagggcuuccucucugcaggaU.....	34	1	GDM
.....aagggcuuccucucugcaggaA.....	21	1	GDM
.....aagggcuuccucucugcaggGc.....	1	1	GDM
.....aGgggcuuccucucugcaggac.....	3	1	GDM
.....aagggcCuccucucugcaggac.....	1	1	GDM
.....aagggcuuccucucugcaggaA.....	21	1	GDM
.....aagggcuuccucucugcaggaU.....	34	1	GDM
.....aagggcuuccucucugcaggacA.....	53	1	GDM
.....aagggcuuccucucugcaggacA.....	53	1	GDM
.....aagggcuuccucucugcaggacA.....	53	1	GDM
.....aagggcuuccucucugcaggacc.....	2	0	GDM
.....aagggcuuccucucugcaggacG.....	10	1	GDM
.....aagggcuuccucucugcaggacU.....	26	1	GDM
.....aagggcuuccucucugcaggacc.....	2	0	GDM
.....aagggcuuccucucugcaggacG.....	10	1	GDM
.....aagggcuuccucucugcaggacU.....	26	1	GDM
.....aagggcuuccucucugcaggacU.....	26	1	GDM
.....agggcuuccucucugcag.....	1	0	GDM
.....agggcuuccucucugcagg.....	56	0	GDM
.....agggcuuccucucugcagA.....	12	1	GDM
.....agggcuuccucucugcagg.....	56	0	GDM
.....agggcuuccucucugcagU.....	1	1	GDM
.....agggcuuccucucugcagg.....	56	0	GDM
.....agggcuuccucucugcagA.....	12	1	GDM
.....agggcuuccucucugcagC.....	1	1	GDM
.....aAggcuuccucucugcagg.....	1	1	GDM
.....agggcuuccucucugcagA.....	12	1	GDM
.....agggcuuccucucugcCgg.....	2	1	GDM
.....Ugggcuuccucucugcagg.....	1	1	GDM
.....aggUcuuccucucugcagga.....	5	1	GDM
.....Ugggcuuccucucugcagga.....	35	1	GDM
.....agggcuuccucucugUagga.....	26	1	GDM
.....aAggcuuccucucugcagga.....	73	1	GDM
.....agggcuuccuUucugcagga.....	11	1	GDM
.....agggcuuccucuAugcagga.....	5	1	GDM
.....agggcuuccucAcugcagga.....	7	1	GDM
.....agggcuuccucucugcagAa.....	23	1	GDM
.....agggcuuccucucAgcagga.....	29	1	GDM
.....agggcuuccucucugAagga.....	1	1	GDM
.....agggcuuccucucugcaAga.....	7	1	GDM
.....agggcuCccucucugcagga.....	75	1	GDM
.....agggcuuccuUucugcagga.....	11	1	GDM
.....agCgcuuccucucugcagga.....	1	1	GDM
.....aUggcuuccucucugcagga.....	10	1	GDM
.....agggcuuccucucuCcagga.....	2	1	GDM
.....agggcuuccucucCgcagga.....	79	1	GDM
.....agggcuuccucucAgcagga.....	29	1	GDM
.....aggAcuuccucucugcagga.....	21	1	GDM
.....agggcuuccucucCgcagga.....	79	1	GDM
.....agggcuuccucGcugcagga.....	3	1	GDM
.....agggcuuccucucAgcagga.....	29	1	GDM
.....agggcuuccucucuCcagga.....	2	1	GDM
.....agggcuuccucAcugcagga.....	7	1	GDM
.....agggcuuccucuUugcagga.....	6	1	GDM
.....agggcGuccucucugcagga.....	4	1	GDM
.....agggcuuccucCcugcagga.....	66	1	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....agggUuuccucucugcagga.....	9	1	GDM
.....agggcuuccucucugcaggU.....	201	1	GDM
.....agggcuAccucucugcagga.....	9	1	GDM
.....agggcuuAcucucugcagga.....	4	1	GDM
.....agggcCuccucucugcagga.....	95	1	GDM
.....agggcuuccucuUugcagga.....	6	1	GDM
.....agggcuucGucucugcagga.....	2	1	GDM
.....agggcuuccucuAugcagga.....	5	1	GDM
.....agggcuuccucucugcCgga.....	5	1	GDM
.....agggcuuccAcucugcagga.....	19	1	GDM
.....agggcuuccCcucugcagga.....	90	1	GDM
.....agggcuuccucucuUcagga.....	3	1	GDM
.....agggcuuccucucugcaCga.....	3	1	GDM
.....agggcCuccucucugcagga.....	95	1	GDM
.....agggcuuccucucugcaggC.....	26	1	GDM
.....agggcuuAcucucugcagga.....	4	1	GDM
.....agggcuAccucucugcagga.....	9	1	GDM
.....agggcuuccucucugcCgga.....	5	1	GDM
.....agggcuAccucucugcagga.....	9	1	GDM
.....agggcuuccucucugcaCga.....	3	1	GDM
.....agggcuuccucucugcagAa.....	23	1	GDM
.....agggcuuccucuAugcagga.....	5	1	GDM
.....agggcuuccucucugcagUa.....	2	1	GDM
.....Cgggcuuccucucugcagga.....	9	1	GDM
.....agggcuuccucucuAcagga.....	15	1	GDM
.....agggcuuccucucugcagCa.....	3	1	GDM
.....agggcuuccGcucugcagga.....	5	1	GDM
.....agggcuuccucucugcCgga.....	5	1	GDM
.....agggcuCccucucugcagga.....	75	1	GDM
.....agggcAuccucucugcagga.....	19	1	GDM
.....aggUcuuccucucugcagga.....	5	1	GDM
.....agggcuuccucucugcaUga.....	1	1	GDM
.....agggcuuccucucugcUgga.....	17	1	GDM
.....agggcuuccucucGgcagga.....	1	1	GDM
.....agggcuCccucucugcagga.....	75	1	GDM
.....agggcuuccucucugUagga.....	26	1	GDM
.....agggcuuccucGcugcagga.....	3	1	GDM
.....agggUuuccucucugcagga.....	9	1	GDM
.....aggAcuuccucucugcagga.....	21	1	GDM
.....aggCcuuccucucugcagga.....	3	1	GDM
.....agggcuuccucucugcGgga.....	111	1	GDM
.....agggcuuUcucucugcagga.....	12	1	GDM
.....agggcuuccCcucugcagga.....	90	1	GDM
.....agggcuuccucucugcaggC.....	26	1	GDM
.....aggUcuuccucucugcagga.....	5	1	GDM
.....aUggcuuccucucugcagga.....	10	1	GDM
.....aggCcuuccucucugcagga.....	3	1	GDM
.....agggcuuccuAucugcagga.....	7	1	GDM
.....agggcuuccucucugcaggC.....	26	1	GDM
.....agUgcuuccucucugcagga.....	1	1	GDM
.....agggcuuccucucugcaggU.....	201	1	GDM
.....agggcuuccucucCgcagga.....	79	1	GDM
.....agggcuuccucucugcaggG.....	125	1	GDM
.....Cgggcuuccucucugcagga.....	9	1	GDM
.....agggcuuccuAucugcagga.....	7	1	GDM
.....agAgcuuccucucugcagga.....	35	1	GDM
.....agggcuuccucucugcagUa.....	2	1	GDM
.....agggAuuccucucugcagga.....	4	1	GDM
.....agggcuuUcucucugcagga.....	12	1	GDM
.....agggcuuccucucugcGgga.....	111	1	GDM
.....agAgcuuccucucugcagga.....	35	1	GDM
.....agggcuuccucucugGagga.....	2	1	GDM
.....agggcuuccuAucugcagga.....	7	1	GDM
.....agggcAuccucucugcagga.....	19	1	GDM
.....agggcuuccucucugcUgga.....	17	1	GDM
.....agggcuuccucucuUcagga.....	3	1	GDM
.....Ugggcuuccucucugcagga.....	35	1	GDM
.....agggcuuccGcucugcagga.....	5	1	GDM
.....Ggggcuuccucucugcagga.....	65	1	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccgguccugcagagaggaagcccuuccaauaccuguaagcagaagggcuuccucucugcaggaccggccugaau

.....Ggggcuuccucucugcagga.....	65	1	GDM
.....agggcuuccucucuAcagga.....	15	1	GDM
.....aAggcuuccucucugcagga.....	73	1	GDM
.....agggcuuccucucugcaggG.....	125	1	GDM
.....agggcuuccucucugcagga.....	14497	0	GDM
.....Cgggcuuccucucugcagga.....	9	1	GDM
.....agggcuucAucucugcagga.....	4	1	GDM
.....agggcuuccucucugcaggU.....	201	1	GDM
.....agggcuucUucucugcagga.....	15	1	GDM
.....Ugggcuuccucucugcagga.....	35	1	GDM
.....agggcuucUucucugcagga.....	15	1	GDM
.....agggcuuccucAcugcagga.....	7	1	GDM
.....aUggcuuccucucugcagga.....	10	1	GDM
.....agggcuuccucucugcaAga.....	7	1	GDM
.....agggcuuccucucugcagAa.....	23	1	GDM
.....aggAcuuccucucugcagga.....	21	1	GDM
.....agggcuGccucucugcagga.....	5	1	GDM
.....agggcuuGcucucugcagga.....	1	1	GDM
.....agggcuuccucucugUagga.....	26	1	GDM
.....agggcuuccucCcugcagga.....	66	1	GDM
.....aAggcuuccucucugcagga.....	73	1	GDM
.....agggcuuccucucugcGgga.....	111	1	GDM
.....agggcuuUcucucugcagga.....	12	1	GDM
.....agggcuuccCcucugcagga.....	90	1	GDM
.....agggcuuccucucugcaggG.....	125	1	GDM
.....agAgcuuccucucugcagga.....	35	1	GDM
.....agggcuucGucucugcagga.....	2	1	GDM
.....agggcGuccucucugcagga.....	4	1	GDM
.....aCggcuuccucucugcagga.....	1	1	GDM
.....agggcuuccucCcugcagga.....	66	1	GDM
.....Ggggcuuccucucugcagga.....	65	1	GDM
.....agggcuuccucucugcUgga.....	17	1	GDM
.....agggcuGccucucugcagga.....	5	1	GDM
.....agggUuuccucucugcagga.....	9	1	GDM
.....agggcuuccucucugcagga.....	14497	0	GDM
.....agggcuucUucucugcagga.....	15	1	GDM
.....agggAuuccucucugcagga.....	4	1	GDM
.....agggcuuccAcucugcagga.....	19	1	GDM
.....agggcuuccucucugcagCa.....	3	1	GDM
.....agggcCuccucucugcagga.....	95	1	GDM
.....agggGuuccucucugcagga.....	1	1	GDM
.....agggcuuccucucugcagga.....	14497	0	GDM
.....agggcuuccuUucugcagga.....	11	1	GDM
.....agggcAuccucucugcagga.....	19	1	GDM
.....agggcuGccucucugcagga.....	5	1	GDM
.....agggcuuccucucuAcagga.....	15	1	GDM
.....agggcuuccucAcugcaggac.....	2	1	GDM
.....agggcuuccucucugcaggaU.....	2	1	GDM
.....agggcuuccucucugcaggac.....	11	0	GDM
.....agggcuuccucucugcaggac.....	11	0	GDM
.....agggcuuccucucugcGggac.....	1	1	GDM
.....agggcuuccucucugcaggac.....	11	0	GDM
.....agggcuuccuUucugcaggac.....	1	1	GDM
.....Cgggcuuccucucugcaggac.....	1	1	GDM
.....agggcuuccucucugcaggacc.....	8	0	GDM
.....agggcuuccucucugcaggacc.....	8	0	GDM
.....agggcuuccucucugcaggacA.....	7	1	GDM
.....agggcuuccucucugcaggacU.....	43	1	GDM
.....agggcuuccucucugcaggacU.....	43	1	GDM
.....agggcuuccucucugcaggacA.....	7	1	GDM
.....agggcuuccucucugcaggacc.....	8	0	GDM
.....agggcuuccucucugcaggacU.....	43	1	GDM
.....gggcuuccucucugcagga.....	23	0	GDM
.....gggcuuccucCcugcagga.....	1	1	GDM
.....gggcuuccucucugcagga.....	23	0	GDM
.....Aggcuuccucucugcagga.....	12	1	GDM
.....Aggcuuccucucugcagga.....	12	1	GDM
.....gggcuuccucucugcagga.....	23	0	GDM
.....gggcuuccucucCgcagga.....	1	1	GDM

hsa-miR-3158-3p

hsa-miR-3158-5p

auucaggccggu**ccugcagagaggaagcccuuc**caauaccuguaagcag**aagggcuuccucucugcaggac**cggccugaau

.....gggcuuccucucugcaggU.....	1	1	GDM
.....gggcuuccCcucugcagga.....	1	1	GDM
.....Aggcuuccucucugcagga.....	12	1	GDM