

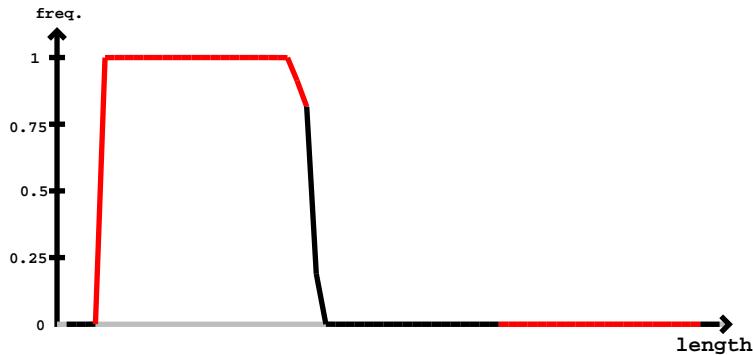
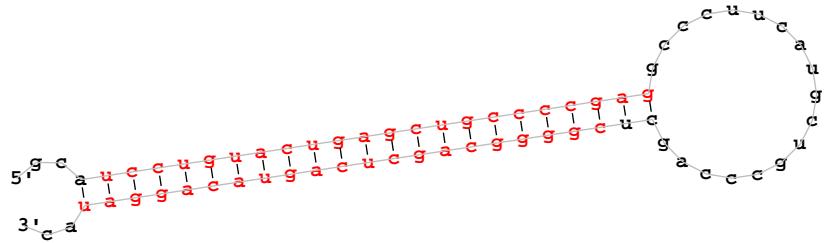
miRBase precursor : hsa-mir-486-1

Total read count : 9683586

hsa-miR-486-5p read count : 9683583

hsa-miR-486-3p read count : 1

remaining reads : 2



hsa-miR-486-5p

hsa-miR-486-3p

5' - gcaucuguacugagcugcccgagggccuucaugcugccagcu	-3'	exp	
..(((((((((((((.....))))))))))))))))....	reads	mm	sample
.caucuguacugagcugcccgAa.....	1	1	z3_
.UaucuguacugagcugcccgA.....	2	1	z3_
.cauccuguacugagcugcccgA.....	1	0	z3_
.cauccuguacugagcugcccgag.....	1	0	z3_
.auccuguacugagcugccccc.....	3	0	z3_
.auccuguacugagcugcccgA.....	1	1	z3_
..aCccuguacugagcugcccg.....	1	1	z3_
..auccuguacugagcugcccgA.....	8	1	z3_
..Cuccuguacugagcugcccg.....	17	1	z3_
..auccGguacugagcugcccg.....	1	1	z3_
..auccuguacugagcugcccg.....	63	0	z3_
..auccuguacugaAcugcccgA.....	1	1	z3_
..UuccuguacugagcugcccgA.....	1	1	z3_
..CuccuguacugagcugcccgA.....	39	1	z3_
..auccGguacugagcugcccgA.....	5	1	z3_
..auccugAacugagcugcccgA.....	2	1	z3_
..auccuguacugagcugcccgA.....	192	0	z3_
..auccuguacugagcugcccgC.....	2	1	z3_
..auccuguacugagcugcccgU.....	7	1	z3_
..auccuguacugagcugccAcga.....	1	1	z3_
..aCccuguacugagcugcccgA.....	4	1	z3_
..auccuguacugagcugcccgA.....	1	1	z3_
..auccuguacugagcugcccgA.....	17	1	z3_
..auccuguacugagcugcccgGg.....	1	1	z3_
..auccuguacugagcugcccgA.....	1	1	z3_
..auccuguacugagcugcccgag.....	85	0	z3_
..auccuguacugagcugcccgA.....	11	1	z3_
..auccAguacugagcugcccgag.....	1	1	z3_
..auccuguacugagcugccUegag.....	1	1	z3_
..auAcuguacugagcugcccgag.....	1	1	z3_
..auccuguacugagcCcggcccgag.....	1	1	z3_
..Guccuguacugagcugcccgag.....	1	1	z3_
..auccuguacugagcugcUccgag.....	1	1	z3_
..Cuccuguacugagcugcccgag.....	123	1	z3_

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugcccccggggccuucaugcugccacgcucggggcagcucaguacaggauac

..Uccuguacugagcugcccccgg...	3	1	z3_
..aucuguacugagcugcccccggU...	10	1	z3_
..aucuguacugagcugcccccggA...	21	1	z3_
..aucuguacugagcugcccccggC...	1	1	z3_
..aucuguacugagcugcccccggA...	1	1	z3_
...uccuguacCgagcugccc...	1	1	z3_
...uccuguacCgcugccc...	1	1	z3_
...uccuguacugagcugcccA...	3	1	z3_
...uccuguacugagcugccc...	61	0	z3_
...uccuguacugagcGcccc...	2	1	z3_
...uccuguacugagcugccU...	33	1	z3_
...Ccuguacugagcugccc...	1	1	z3_
...uccuguacugagcugcccA...	14	1	z3_
...uccuguacugagcugcccc...	286	0	z3_
...uccuguacugagcugccU...	48	1	z3_
...uccGuacugagcugcccc...	1	1	z3_
...uccuguacugagcGcccc...	1	1	z3_
...uccuguacugGgcugcccc...	1	1	z3_
...Ccuguacugagcugcccc...	3	1	z3_
...uccuguacugagcugcccc...	1	1	z3_
...uccuguacugaAcugcccc...	2	1	z3_
...uccuguacugagcugcccG...	72	1	z3_
...uccGuacugagcugcccc...	2	1	z3_
...uccuguUcugagcugcccc...	1	1	z3_
...ucUuguacugagcugcccc...	2	1	z3_
...uccuguacugagUugcccc...	112	1	z3_
...uGuguacugagcugcccc...	10	1	z3_
...ucUuguacugagcugcccc...	54	1	z3_
...ucGuguacugagcugcccg...	3	1	z3_
...uccuguacugGgcugcccc...	303	1	z3_
...uccuguacuUagcugcccc...	14	1	z3_
...uccuguacugagcugccU...	1092	1	z3_
...uccuguacugagcugcccg...	34	1	z3_
...ucAuguacugagcugcccc...	29	1	z3_
...uccuAuacugagcugcccc...	98	1	z3_
...uccuguacugagcugccUg...	137	1	z3_
...uccuguacugagcgcgcccc...	13	1	z3_
...uccuguacugagcugccGeg...	3	1	z3_
...uccuguacugagcugccccC...	529	1	z3_
...uccuguacugagcugccAeg...	28	1	z3_
...uccuguacugagcugcGccg...	2	1	z3_
...Gccuguacugagcugcccc...	33	1	z3_
...uccuguacugagcGcccc...	296	1	z3_
...uccuguuaAugcugcccc...	16	1	z3_
...uccuguacugaAcugcccc...	83	1	z3_
...uccuguacuAagcugcccc...	77	1	z3_
...uccuguacugagcAgcccc...	59	1	z3_
...uccuguacugagcugcccaA...	5641	1	z3_
...uccCguacugagcugcccg...	326	1	z3_
...uccuguacugaCcugcccc...	7	1	z3_
...uccuguacugagcugAcgg...	18	1	z3_
...Ccuguacugagcugcccc...	380	1	z3_
...uccuguacugagGugcccc...	9	1	z3_
...uccuguacugCgcugcccc...	6	1	z3_
...uccGguacugagcugcccc...	19	1	z3_
...uccuguacugagcugcccc...	59021	0	z3_
...uccuUuacugagcugcccc...	7	1	z3_
...uccuguacGgagcugcccc...	24	1	z3_
...uAcuguacugagcugcccc...	20	1	z3_
...uccuCuacugagcugcccc...	2	1	z3_
...uccuguacugagcugcccc...	8	1	z3_
...uccuguacCgagcugcccc...	245	1	z3_
...uccuguacugagAuggcccc...	11	1	z3_
...uccuguacugUgcugcccc...	55	1	z3_
...uccugAacugagcugcccc...	29	1	z3_
...uccuguacAgagcugcccc...	55	1	z3_
...uccuguacugagcugUccg...	96	1	z3_
...uccuguUcugagcugcccc...	12	1	z3_
...uccugGacugagcugcccc...	6	1	z3_

**hsa-miR-486-5p**

**hsa-miR-486-3p**

gcauccuguacugagcugcccccgaggccuucaugcugccagcucggggcagcucaguacaggauac

...uccuguacugaUcugccccc...	8	1	z3_
...uccuguuaUugagcugcccc...	72	1	z3_
...uccuguacuCagcugcccc...	2	1	z3_
...uccuguacugagcugccccAg...	26	1	z3_
...uUcuguacugagcugcccc...	61	1	z3_
...uccugCacugagcugcccc...	167	1	z3_
...uccuguCcugagcugcccc...	14	1	z3_
...uccuguGcugagcugcccc...	136	1	z3_
...uccuguGugagcugcccc...	6	1	z3_
...uccuguacugagcugccUcg...	98	1	z3_
...uccAguacugagcugcccc...	93	1	z3_
...uccuguacugagcugAcccg...	12	1	z3_
...uccuguacugagcugcUcccg...	99	1	z3_
...uccuguacugagcUcccccg...	6	1	z3_
...uccuguacugUgcugccccga...	74	1	z3_
...uccuguacugagcugcAccga...	25	1	z3_
...uccuguacugagAugccccga...	22	1	z3_
...uccuUuacugagcugccccga...	8	1	z3_
...uccuguacugagcugcGccga...	7	1	z3_
...uccuguacugagcugGccccga...	26	1	z3_
...uccuguacAagcugccccga...	110	1	z3_
...uccuguacugagcAgccccga...	109	1	z3_
...uccugAacugagcugccccga...	53	1	z3_
...uccuguacugaCcugccccga...	8	1	z3_
...uccuAuacugagcugccccga...	150	1	z3_
...uccuguacugagcugccAcg...	42	1	z3_
...uccuguacugagDugccccga...	19	1	z3_
...uccuguacugagcugccccCa...	34	1	z3_
...uccuguacuAagcugccccga...	128	1	z3_
...uccugGacugagcugccccga...	17	1	z3_
...uccuguGcugagcugccccga...	195	1	z3_
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...uccuguuaUugagcugccccga...	121	1	z3_
...uccuguacugagcugccccG...	677	1	z3_
...uccuguacugagcCcgecccg...	402	1	z3_
...uccuguacugagcugccccga...	89609	0	z3_
...uccuguacugagcUccccga...	10	1	z3_
...uccuguacugagcugccccAga...	45	1	z3_
...uccuguacCgagcugccccga...	350	1	z3_
...uccAguacugagcugccccga...	167	1	z3_
...Gccuguacugagcugccccga...	56	1	z3_
...uccuguacugagcGccccga...	18	1	z3_
...ucUuguacugagcugccccga...	103	1	z3_
...uccugCacugagcugccccga...	280	1	z3_
...uccuguacugaAcugccccga...	140	1	z3_
...uccuguuaAugagcugccccga...	32	1	z3_
...uccuguacugagcugccccU...	1687	1	z3_
...uccuguacugagcugccccAa...	138	1	z3_
...uccuguacugagcugcccUga...	198	1	z3_
...uccuguacugagcugAcccg...	19	1	z3_
...uAuguacugagcugccccga...	31	1	z3_
...uccGguacugagcugccccga...	30	1	z3_
...uccuguacugGgcugccccga...	472	1	z3_
...Ccuguacugagcugccccga...	548	1	z3_
...uccuguacugagcugccUega...	126	1	z3_
...ucAuguacugagcugccccga...	46	1	z3_
...uccuguacugagcugcccGga...	40	1	z3_
...uccuguUcugagcugccccga...	26	1	z3_
...uccuguuaGugagcugccccga...	10	1	z3_
...uccuguacugagcugccccC...	180	1	z3_
...uccuguacugagUugccccga...	144	1	z3_
...uccuguacugCgcugccccga...	15	1	z3_
...uccuguacGgagcugccccga...	26	1	z3_
...uccuguacugagcugUcccg...	145	1	z3_
...uccuguacugagcugccccUa...	38	1	z3_
...uUcuguacugagcugccccga...	114	1	z3_
...uccuguCcugagcugccccga...	12	1	z3_
...uccuguacuUagcugccccga...	9	1	z3_
...uccuCuacugagcugccccga...	3	1	z3_

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugcccccgaggccuucaugcugccagcucccccgaggccuucaugcugccagcucggggcagcucaguacaggauac

...uccCguacugagcugcccccgaga.....	531	1	z3_
...uccuguacugagcugccGcga.....	4	1	z3_
...ucGuguacugagcugcccccgaga.....	11	1	z3_
...uccuguacugagcugcccccgaga.....	186	1	z3_
...uGeuguacugagcugcccccgaga.....	15	1	z3_
...uccuguacugagcugcccccgaga.....	153	1	z3_
...uccuguacCgagcugcccccgaga.....	2131	1	z3_
...uccuguacugaAcugcccccgaga.....	690	1	z3_
...uccuguacuAagcugcccccgaga.....	660	1	z3_
...uccuguacugagcugcccccgaga.....	785	1	z3_
...uccuguacugagcugcUcccgaga.....	690	1	z3_
...uccuguacugagcugccUcgaga.....	672	1	z3_
...uccuguacugagcuiUcccgaga.....	61	1	z3_
...uccuguacAAGagcugcccccgaga.....	620	1	z3_
...uccuguacugagAuggcccccgaga.....	131	1	z3_
...uccugGacugagcugcccccgaga.....	76	1	z3_
...uccuguacugagcugccccUgaga.....	1468	1	z3_
...uccuguGcugagcugcccccgaga.....	1173	1	z3_
...uccuguacugagcGcccccgaga.....	112	1	z3_
...uccuguacugaCcugcccccgaga.....	82	1	z3_
...uccAguacugagcugcccccgaga.....	828	1	z3_
...uccuguacugagcugcccccgaga.....	512575	0	z3_
...uccuguUcugagcugcccccgaga.....	195	1	z3_
...uccuguacugagcugcccccgGg.....	2351	1	z3_
...uccuAuacugagcugcccccgaga.....	774	1	z3_
...uccugCacugagcugcccccgaga.....	1561	1	z3_
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...uccuguacugGgcugcccccgaga.....	2870	1	z3_
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...uccuguacugagcAgcccccgaga.....	648	1	z3_
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...uccuguacugaUcugcccccgaga.....	102	1	z3_
...uccuguacugagcugcccccgaga.....	76	1	z3_
...uccuguacugagcugcccccgAa.....	32232	1	z3_
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...uccuguacuCagcugcccccgaga.....	10	1	z3_
...uccuguacugagcugccccGgaga.....	166	1	z3_
...uccuCuacugagcugcccccgaga.....	49	1	z3_
...ucGuguacugagcugcccccgaga.....	35	1	z3_
...uccuguacugagcugccccUg.....	605	1	z3_
...uAcuguacugagcugcccccgaga.....	161	1	z3_
...uccuguacugagcugGcccgaga.....	57	1	z3_
...uGuguacugagcugcccccgaga.....	73	1	z3_
...uccuguaGugagcugcccccgaga.....	38	1	z3_
...uccuguacugagcugccccUag.....	151	1	z3_
...uccuguacugagcugccAcgaga.....	193	1	z3_
...uccuguacugagcugccccAag.....	776	1	z3_
...Cccuguacugagcugcccccgaga.....	3124	1	z3_
...ucAuguacugagcugcccccgaga.....	222	1	z3_
...uccuguaUugagcugcccccgaga.....	654	1	z3_
...uccuguacugagUugcccccgaga.....	813	1	z3_
...uccuguacugagcugccccCg.....	96	1	z3_
...uccuUuacugagcugcccccgaga.....	76	1	z3_
...uUcuguacugagcugcccccgaga.....	514	1	z3_
...uccGGuacugagcugcccccgaga.....	201	1	z3_
...uccuguaAugagcugcccccgaga.....	126	1	z3_
...uccuguacugCgcugcccccgaga.....	35	1	z3_
...uccuguCcugagcugcccccgaga.....	51	1	z3_
...uccuguacugagGugcccccgaga.....	49	1	z3_
...uccuguacugagcugcccccgU.....	2069	1	z3_
...uccuguacugagcugcccccgaga.....	147	1	z3_
...uccuguacugagcugcAccgaga.....	154	1	z3_
...ucUuguacugagcugcccccgaga.....	492	1	z3_
...uccuguacuUagcugcccccgaga.....	64	1	z3_
...uccugAacugagcugcccccgaga.....	265	1	z3_
...Gccuguacugagcugcccccgaga.....	316	1	z3_
...uccuguacugagcugccccCag.....	45	1	z3_
...uccuguacugagcugcccccgac.....	1293	1	z3_
...uccuguacugUgcugcccccgaga.....	461	1	z3_

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugccccggaggccuucaugcugccagcucggggcagcucaguacaggauac

...uccuguacugagcugccGcgagg.....	1	1	z3_
...uccuguacugagcugccccggagU.....	72111	1	z3_
...uccuguacugagcCgccccgagg.....	13	1	z3_
...uccuguacugagcugccUegagg.....	2	1	z3_
...uccuguacugagcugccccgagg.....	2604	0	z3_
...Gccuguacugagcugccccgagg.....	1	1	z3_
...uAcuguacugagcugccccgagg.....	1	1	z3_
...uccuguacugagcugccccGgg.....	3	1	z3_
...uccuguaUugagcugccccgagg.....	1	1	z3_
...uccuguacuAagcugccccgagg.....	5	1	z3_
...uccuguacAagcugccccgagg.....	5	1	z3_
...uccuguacugagcAgccccgagg.....	6	1	z3_
...uccuguacugagcugccccgagA.....	111159	1	z3_
...Ccuguacugagcugccccgagg.....	19	1	z3_
...uccuguacugagcugccccUagg.....	2	1	z3_
...uccuguacugagcugUccgagg.....	1	1	z3_
...uccuguacugagcugccccAagg.....	2	1	z3_
...uccuguacugaUcgccccgagg.....	1	1	z3_
...uccuguacacCagcugccccgagg.....	15	1	z3_
...uccuAuacugagcugccccgagg.....	2	1	z3_
...uccuguacugagcugccccAgagg.....	1	1	z3_
...uccuguacuUagcugccccgagg.....	1	1	z3_
...ucUuguacugagcugccccgagg.....	1	1	z3_
...uccuguGcugagcugccccgagg.....	6	1	z3_
...uccuguacugGgcugccccgagg.....	9	1	z3_
...uccuguacugAUGccccgagg.....	1	1	z3_
...uccuguacugagcugccccgaAg.....	586	1	z3_
...uccuguacugagcugUcccgagg.....	5	1	z3_
...uccuguacugagcugcccccaGg.....	50	1	z3_
...uccuguaGugagcugccccgagg.....	1	1	z3_
...uccuguacugagcugcccccaUg.....	28	1	z3_
...uccuguacugagcugccccUgagg.....	14	1	z3_
...ucAguacugagcugccccgagg.....	2	1	z3_
...uccuguacugUgcugccccgagg.....	5	1	z3_
...uccuguacugagcugccccCgg.....	13	1	z3_
...uccuguacugagUgcugccccgagg.....	2	1	z3_
...uccugCacugagcugccccgagg.....	6	1	z3_
...uccuguacugagcugGccccgagg.....	1	1	z3_
...uccuguacugagcugccccUgg.....	8	1	z3_
...uccAguacugagcugccccgagg.....	7	1	z3_
...uccuguUcugagcugccccgagg.....	4	1	z3_
...uccCguacugagcugccccgagg.....	14	1	z3_
...uccuguacugagcugccccAgc.....	139	1	z3_
...uccuguacugagcugccccgaggc.....	14	0	z3_
...uccuguacugagcugccccgaAgc.....	1	1	z3_
...uccuguacugagcugccccgagCc.....	1	1	z3_
...uccuguacugagcugccccGggc.....	1	1	z3_
...uccuguacugagcugccccgaggU.....	148	1	z3_
...uccuguacugagcugccccCggc.....	1	1	z3_
...uccuguacugagcCgccccgaggc.....	1	1	z3_
...uccuguacugagcugccccgaggA.....	56	1	z3_
...uccuguacugagcugccccgagUc.....	175	1	z3_
...uccuguacugagcugccccgaggG.....	8	1	z3_
...uccuguacugagcugccccgaggAcc.....	4	1	z3_
...uccuguacugagcugccccgaggUc.....	3	1	z3_
...Ucuguacugagcugccccg.....	3	1	z3_
...ccuguacugagcugccccg.....	14	0	z3_
...ccuguacugagcugccccga.....	14	0	z3_
...Ucuguacugagcugccccga.....	2	1	z3_
...ccuguacugagcugccccgaA.....	3	1	z3_
...ccuguacugGgcugccccgag.....	1	1	z3_
...Ucuguacugagcugccccgag.....	31	1	z3_
...ccuguacugagcugccccUg.....	2	1	z3_
...ccuguacugagcugccccGg.....	1	1	z3_
...ccuguacugagcugccccgag.....	81	0	z3_
...ccuguGcugagcugccccgag.....	1	1	z3_
...ccuguacugagcugccccgagU.....	11	1	z3_
...ccuguacugagcugccccgagA.....	21	1	z3_
...cuguacugagcCgccccg.....	1	1	z3_

**hsa-miR-486-5p**

**hsa-miR-486-3p**

gcauccuguacugagcugcccccgaggccuucaugcugccacgcucggggcagcucaguacaggauac

.....cuguacugagcugccccA.....	3	1	<b>z3_</b>
.....cuguacugGgcugccccg.....	1	1	<b>z3_</b>
.....cuguacugagcugccccg.....	5	0	<b>z3_</b>
.....Uuguacugagcugccccga.....	1	1	<b>z3_</b>
.....cuguacugagcugccccga.....	5	0	<b>z3_</b>
.....cuguacugagcugccUcgag.....	1	1	<b>z3_</b>
.....cuguacugagcugccccgaA.....	2	1	<b>z3_</b>
.....cuguacugaUcgccccgag.....	2	1	<b>z3_</b>
.....cuguacCgagcugccccgag.....	1	1	<b>z3_</b>
.....cuguacugagcugccccgag.....	56	0	<b>z3_</b>
.....CuAuacugagcugccccgag.....	1	1	<b>z3_</b>
.....cuguacugagcugccccgaC.....	1	1	<b>z3_</b>
.....cuguacugagcugccccgagU.....	40	1	<b>z3_</b>
.....cuguacugagcugccccgaA.....	28	1	<b>z3_</b>
.....cuguacugagcugccccgagg.....	2	0	<b>z3_</b>
.....cuguacugagcugccccgaggU.....	1	1	<b>z3_</b>
.....cuguacugagcugccccgaggC.....	3	0	<b>z3_</b>
.....uguacugagcCcggccgag.....	1	1	<b>z3_</b>
.....uguacugagcugccccgagg.....	3	0	<b>z3_</b>
.....uguacugagcugccccgaga.....	2	1	<b>z3_</b>
.....uguacugagcugccccgagU.....	1	1	<b>z3_</b>
.....guacugagcugccccgaga.....	1	1	<b>z3_</b>
 .cauccuguacugagcugccccg.....	2	0	<b>z1_</b>
.Aaucuguacugagcugccccga.....	1	1	<b>z1_</b>
.cauccuguacugagcugccccga.....	1	0	<b>z1_</b>
.cauccuguacugagcugccccgU.....	1	1	<b>z1_</b>
.cCuccuguacugagcugccccgag.....	1	1	<b>z1_</b>
.Aaucuguacugagcugccccgag.....	8	1	<b>z1_</b>
.aucuguacugagcugccc.....	1	0	<b>z1_</b>
.aucuguacugagcugcccU.....	2	1	<b>z1_</b>
.aucuguacugagcugcccc.....	1	0	<b>z1_</b>
.aucuguacCgagcugccccg.....	1	1	<b>z1_</b>
.Cuccuguacugagcugccccg.....	37	1	<b>z1_</b>
.aucuguacugagcugccccA.....	15	1	<b>z1_</b>
.aucuguacugagcUccg.....	1	1	<b>z1_</b>
.aucuguacugagCccccg.....	2	1	<b>z1_</b>
.Guccuguacugagcugccccg.....	1	1	<b>z1_</b>
.aucuguacugagcugccccU.....	2	1	<b>z1_</b>
.aucuAguguacugagcugccccg.....	1	1	<b>z1_</b>
.aucuguacugagcugccccg.....	125	0	<b>z1_</b>
.aucuguacugagcugccccC.....	2	1	<b>z1_</b>
.Uuccuguacugagcugccccga.....	4	1	<b>z1_</b>
.aucuguacugagcugccccgU.....	16	1	<b>z1_</b>
.Cuccuguacugagcugccccga.....	85	1	<b>z1_</b>
.aucuguuaUugagcugccccga.....	1	1	<b>z1_</b>
.aucuCguacugagcugccccga.....	3	1	<b>z1_</b>
.aucuguacugagCcccccgA.....	1	1	<b>z1_</b>
.aucuguacugGgcugccccga.....	1	1	<b>z1_</b>
.aucuguacugagcugccccga.....	477	0	<b>z1_</b>
.Guccuguacugagcugccccga.....	3	1	<b>z1_</b>
.aucuAuacugagcugccccga.....	1	1	<b>z1_</b>
.aucuguacugaCugcccccgA.....	1	1	<b>z1_</b>
.aucuguacugagcccccgA.....	2	1	<b>z1_</b>
.aCcuguacugagcugccccga.....	1	1	<b>z1_</b>
.aucuguacugagcugccAcgA.....	1	1	<b>z1_</b>
.aucuguacugagcugccccgG.....	2	1	<b>z1_</b>
.aucuguacugagcugccccgC.....	5	1	<b>z1_</b>
.aucuguacugUgcugccccga.....	2	1	<b>z1_</b>
.aucuguacugagcugcUccgA.....	4	1	<b>z1_</b>
.aucuguacCgagcugccccgag.....	1	1	<b>z1_</b>
.aucuguacugagcugcccccgA.....	28	1	<b>z1_</b>
.aucuguacugagCgcccccgag.....	1	1	<b>z1_</b>
.aucGuguacugagcugcccccgag.....	1	1	<b>z1_</b>
.aucuguacugagcugcccccgA.....	30	1	<b>z1_</b>
.aucuguacugagcugcUccgag.....	1	1	<b>z1_</b>
.aucCguacugagcugccccgag.....	1	1	<b>z1_</b>
.aucuguacugagcugccccgag.....	209	0	<b>z1_</b>
.Guccuguacugagcugccccgag.....	3	1	<b>z1_</b>

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugcccccgaggccuucaugcugccagcucccccgaggccuucaugcugccagcucggggcagcucaguacaggauac

..Cuccuguacugagcugcccccgag.....	269	1	z1_
..auccuguacAgagcugcccccgag.....	1	1	z1_
..aCcuguacugagcugcccccgag.....	4	1	z1_
..auccuguacugagcugcccccgagC.....	3	1	z1_
..auccuguacugagcugcccccgag.....	1	1	z1_
..auccuguacugagcugcccccgGg.....	2	1	z1_
..Uuccuguacugagcugcccccgag.....	6	1	z1_
..auccuguacugagcugcccccgagA.....	49	1	z1_
..auccuguacugagcugcccccgagC.....	3	1	z1_
..auccuguacugagcugcccccgagA.....	2	1	z1_
..auccuguacugagcugcccccgagg.....	2	0	z1_
..Cuccuguacugagcugcccccgagg.....	3	1	z1_
..auccuguacugagcugcccccgagU.....	28	1	z1_
...uccuAuacugagcugccc.....	1	1	z1_
...Gcuguacugagcugccc.....	1	1	z1_
...uccuguacugagcugcccU.....	111	1	z1_
...uccuguacugagcAgccc.....	1	1	z1_
...uccuguacAgagcugccc.....	1	1	z1_
...uccuguacugagcugccA.....	21	1	z1_
...uAuguacugagcugccc.....	1	1	z1_
...uccuguGcugagcugccc.....	5	1	z1_
...uccuguacugagcugccc.....	379	0	z1_
...uccuguacugGgcugccc.....	4	1	z1_
...uccAguacugagcugccc.....	1	1	z1_
...uccuguacCgagcugccc.....	3	1	z1_
...uccGguacugagcugccc.....	3	1	z1_
...uccugCacugagcugccc.....	1	1	z1_
...uccuguacugagcCgccc.....	1	1	z1_
...uccAguacugagcugccc.....	1	1	z1_
...uccCguacugagcugccc.....	5	1	z1_
...uccuguacugagcAcc.....	1	1	z1_
...ucAuguacugagcugccc.....	1	1	z1_
...uccuguacugagcugccU.....	5	1	z1_
...uccuguacugagcugccc.....	124	1	z1_
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...uccuguacugagcugcccc.....	722	0	z1_
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...uccuguacugGgcugcccc.....	10	1	z1_
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...uccuguacugagcGgcccc.....	3	1	z1_
...uccuAuacugagcugcccc.....	3	1	z1_
...uccugAacugagcugcccc.....	1	1	z1_
...uccuguacugagcugcUcc.....	2	1	z1_
...uccuguacAagcugcccc.....	1	1	z1_
...Cccuguacugagcugcccc.....	8	1	z1_
...uccuguacugagcCgcccc.....	2	1	z1_
...uccuguacuCagcugcccccg.....	4	1	z1_
...uccuguacugagcugcccg.....	62	1	z1_
...uccuguacugagcugcAcc.....	80	1	z1_
...uccuguacuUagcugcccccg.....	21	1	z1_
...Cccuguacugagcugcccccg.....	1022	1	z1_
...uccuguacugagcugGcccg.....	18	1	z1_
...uccuguCcugagcugcccccg.....	13	1	z1_
...uccuguacugagcAgcccccg.....	220	1	z1_
...uccuguacugagcugccccU.....	1849	1	z1_
...uccuguacGgagcugcccccg.....	71	1	z1_
...uccuguacugagcugcAccg.....	59	1	z1_
...uccuguacugagAugcccccg.....	47	1	z1_
...uccuguacugagcugcccccg.....	172879	0	z1_
...uccuguacugagcugeUccg.....	296	1	z1_
...uccuguacugagcugeUeg.....	255	1	z1_
...ucUuguacugagcugcccccg.....	179	1	z1_
...uccuUuacugagcugcccccg.....	19	1	z1_
...uccuguAAugagcugcccccg.....	41	1	z1_
...uccuguacugagcugccccC.....	980	1	z1_
...uccuguacugCgcugcccccg.....	16	1	z1_
...ucAuguacugagcugcccccg.....	49	1	z1_

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugcccccgaggccuucaugcugccacgcucggggcagcuccccggacaggauac

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...uccGguacugagcugcccc...	73	1	z1_
...uccuguGcugagcugcccc...	428	1	z1_
...uccugCacugagcugcccc...	579	1	z1_
...uccuguacugagcuUcccc...	17	1	z1_
...uccuguacugaCcugcccc...	32	1	z1_
...uUcuguacugagcugcccc...	175	1	z1_
...uccuguacugagcCcggccc...	944	1	z1_
...uccuguacugagcugAcccc...	53	1	z1_
...uccuCuacugagcugcccc...	8	1	z1_
...uccuguacAgaggcugcccc...	209	1	z1_
...uccuguaccGaggcugcccc...	806	1	z1_
...uAuguacugagcugcccc...	51	1	z1_
...uccuguacugagcugccccAg...	87	1	z1_
...ucGuguacugagcugcccc...	15	1	z1_
...uccuguacugagcugccccUg...	344	1	z1_
...uccugGacugagcugcccc...	32	1	z1_
...uccuguacugagcGgcccc...	25	1	z1_
...uccAguacugagcugcccc...	270	1	z1_
...uccuguacugagcugUcccc...	311	1	z1_
...uccuguaGugagcugcccc...	11	1	z1_
...uccuguacugGgcugcccc...	1009	1	z1_
...uccugAacugagcugcccc...	83	1	z1_
...uccuguacugaAcugcccc...	258	1	z1_
...uccuguacugaUcugcccc...	36	1	z1_
...Gccuguacugagcugcccc...	139	1	z1_
...uccuguUcugagcugcccc...	32	1	z1_
...uccCguacugagcugcccc...	1101	1	z1_
...uccuguacugagcugccccA...	13398	1	z1_
...uccuguacugagUgcugcccc...	326	1	z1_
...uccuAuacugagcugcccc...	262	1	z1_
...uGcuguacugagcugcccc...	33	1	z1_
...uccuguacuAagcugcccc...	253	1	z1_
...uccuguacugagcugccGeg...	17	1	z1_
...uccuguacugagGugcccc...	15	1	z1_
...uccuguacugagcugGcccc...	13	1	z1_
...uccuguaUugagcugecccc...	220	1	z1_
...uccuAuacugagcugccccga...	297	1	z1_
...Gccuguacugagcugccccga...	217	1	z1_
...uccuguacugCgcugccccga...	23	1	z1_
...uccuguacugagcugccGoga...	23	1	z1_
...uccuguUcugagcugccccga...	45	1	z1_
...uccuguacugagcGccccga...	56	1	z1_
...uUcuguacugagcugccccga...	228	1	z1_
...uccuguacugagcCcggcccc...	1176	1	z1_
...uccuguacAagcugccccga...	252	1	z1_
...uccuguacugagcugccccga...	212763	0	z1_
...uccuguacugagcugccccga...	47	1	z1_
...uccuguacGgagcugccccga...	95	1	z1_
...uccuCuacugagcugccccga...	13	1	z1_
...uccuguacugUgcugccccga...	162	1	z1_
...uccuguacugagcuUccccga...	30	1	z1_
...uccuguacugagcugcccccgU...	2786	1	z1_
...uccuguacugagcugccccAga...	94	1	z1_
...uccugCacugagcugccccga...	692	1	z1_
...uccuguacugagcugcAccga...	55	1	z1_
...uccuguacugGgcugccccga...	1210	1	z1_
...uccuUuacugagcugccccga...	27	1	z1_
...uccuguacuUagcugccccga...	31	1	z1_
...uccuguacugagcugccccG...	1392	1	z1_
...uccuguacuAagcugccccga...	263	1	z1_
...uccuguaUugagcugeccccga...	265	1	z1_
...uccuguacugagGugccccga...	23	1	z1_
...uccuguacugagcugccUega...	285	1	z1_
...uccuguCcugagcugccccga...	22	1	z1_
...uccuguacugagcugcUcgega...	404	1	z1_
...uccuguaGugagcugccccga...	13	1	z1_
...uccuguacugaAcugccccga...	300	1	z1_
...uccAguacugagcugccccga...	327	1	z1_

hsa-miR-486-5p

hsa-miR-486-3p

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...uccuguacugagcugcccccgaggccuucaugcugccacgcu	396	1	z1_
...uccuguacugagcugcccccgaggccuucaugcugccacgcu	20	1	z1_
...uccuguacugagcugcccccgaggccuucaugcugccacgcu	39	1	z1_
...uccuguacugagcugcccccgaggccuucaugcugccacgcu	13	1	z1_
...uccuguacugagcugcccccgaggccuucaugcugccacgcu	298	1	z1_
...uccuguacugagcugcccccgaggccuucaugcugccacgcu	61	1	z1_
...uccuguacugagcugcccccgaggccuucaugcugccacgcu	901	1	z1_
...uccuguacugagcAgcccccgaggccuucaugcugccacgcu	243	1	z1_
...uccuguacugagUugcccccgaggccuucaugcugccacgcu	376	1	z1_
...uccuguacugagAugcccccgaggccuucaugcugccacgcu	54	1	z1_
...uccuguacugagcugcccGga...	80	1	z1_
...ucAuguacugagcugcccccgaggccuucaugcugccacgcu	60	1	z1_
...uccuguacugagcugccccCa...	34	1	z1_
...uccuguaAugagcugcccccgaggccuucaugcugccacgcu	45	1	z1_
...uccugAacugagcugcccccgaggccuucaugcugccacgcu	121	1	z1_
...uccuguacugagcugccAsga...	82	1	z1_
...uccCguacugagcugcccccgaggccuucaugcugccacgcu	1328	1	z1_
...ucGuguacugagcugcccccgaggccuucaugcugccacgcu	29	1	z1_
...uccuguacugaUcugcccccgaggccuucaugcugccacgcu	41	1	z1_
...uccuguCcugagcugcccccgaggccuucaugcugccacgcu	540	1	z1_
...ucUuguacugagcugcccccgaggccuucaugcugccacgcu	214	1	z1_
...uccuguacuClagcugcccccgaggccuucaugcugccacgcu	5	1	z1_
...uccuguacugagcugUcccgaggccuucaugcugccacgcu	407	1	z1_
...uccuguacugagcugccccAa...	282	1	z1_
...uccGguacugagcugcccccgaggccuucaugcugccacgcu	101	1	z1_
...uccuguacugagcugccccUa...	70	1	z1_
...uccugGacugagcugcccccgaggccuucaugcugccacgcu	39	1	z1_
...Ccuguacugagcugcccccgaggccuucaugcugccacgcu	1409	1	z1_
...uccuguacugaCcugcccccgaggccuucaugcugccacgcu	25	1	z1_
...uccuguacugagcugccccAag...	1922	1	z1_
...uccugCacugagcugcccccgaggccuucaugcugccacgcu	4601	1	z1_
...ucGuguacugagcugcccccgaggccuucaugcugccacgcu	134	1	z1_
...uccAguacugagcugcccccgaggccuucaugcugccacgcu	2219	1	z1_
...uccuguacugagcugccccGgag...	361	1	z1_
...uccuguacugagcUcccccgag...	188	1	z1_
...uccuguacugagcugcccccgag...	172	1	z1_
...uccuguUcugagcugcccccgag...	402	1	z1_
...uccuguacuCaugcugcccccgag...	33	1	z1_
...uccuguacugaUcugcccccgag...	309	1	z1_
...uccuguacugagcugcccccgag...	1410740	0	z1_
...uccuguGuagcugcccccgag...	101	1	z1_
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...uccuguacugagcugeUcccgag...	2044	1	z1_
...uccuguacugaCcugcccccgag...	192	1	z1_
...uccuguaUugagcugcccccgag...	1845	1	z1_
...uccuguacugagUugcccccgag...	2288	1	z1_
...uccuguacugagcugccccUag...	379	1	z1_
...uccuguacuUagcugcccccgag...	183	1	z1_
...uccuguacugagcCcggcccccgag...	7222	1	z1_
...uccuguacugUgcugcccccgag...	1178	1	z1_
...uGuguacugagcugcccccgag...	232	1	z1_
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...ucAuguacugagcugcccccgag...	462	1	z1_
...uccuguacugGgcugcccccgag...	7593	1	z1_
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...uccuguacugagAuggcccccgag...	370	1	z1_
...uccuguacugagcugccccAag...	403	1	z1_
...uccuguGcugagcugcccccgag...	3366	1	z1_
...uccuguacAagcugcccccgag...	1470	1	z1_
...Gccuguacugagcugcccccgag...	1422	1	z1_
...uccuguacuAagcugcccccgag...	1698	1	z1_
...uccuAuacugagcugcccccgag...	2088	1	z1_
...uccuguacugagcugcccccgUg...	1321	1	z1_
...uccuguacugagcugcccccgAc...	449	1	z1_
...uccugGacugagcugcccccgag...	225	1	z1_
...uccuCuacugagcugcccccgag...	131	1	z1_
...uccCguacugagcugcccccgag...	8628	1	z1_
...ucUuguacugagcugcccccgag...	1304	1	z1_
...uccuguCcugagcugcccccgag...	165	1	z1_

hsa-miR-486-5p

hsa-miR-486-3p

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...uccuguacugagcugccUegag.....	1877	1	z1_
...uccuguacugagcugcccccGg.....	6320	1	z1_
...uccuguacugagcugccccUgag.....	3759	1	z1_
...uUcuguacugagcugccccgag.....	1363	1	z1_
...uccuguacugagcugAcccgag.....	333	1	z1_
...uccuguacCgagcugccccgag.....	5893	1	z1_
...uccuguacugagcugccccCag.....	92	1	z1_
...uccuguacugagGugccccgag.....	118	1	z1_
...uccuguacGgagcugccccgag.....	425	1	z1_
...uccuUuacugagcugccccgag.....	148	1	z1_
...uccuguacugagcGgccccgag.....	303	1	z1_
...uccuguacugagcugccGgag.....	99	1	z1_
...uccuguacugagcugccccgaU.....	3686	1	z1_
...uccuguacugagcAgccccgag.....	1610	1	z1_
...uccuguaAugagcugccccgag.....	371	1	z1_
...uccuguacugCgcugccccgag.....	153	1	z1_
...uAcuguacugagcugccccgag.....	436	1	z1_
...uccuguacugagcugccAcgag.....	560	1	z1_
...uccuguacugagcugccccgaC.....	2399	1	z1_
...uccuguacugaAaugccccgag.....	1881	1	z1_
...uccuguacugagcugccccgaA.....	66329	1	z1_
...uccGguacugagcugccccgag.....	731	1	z1_
...Ccuguacugagcugccccgag.....	8503	1	z1_
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...uccuCuacugagcugccccgagg.....	1	1	z1_
...Ccuguacugagcugccccgagg.....	65	1	z1_
...uccugAacugagcugccccgagg.....	4	1	z1_
...uccuguacugagcugccccUgg.....	6	1	z1_
...uccuguacugagcugccccGgg.....	28	1	z1_
...Gccuguacugagcugccccgagg.....	4	1	z1_
...uccCguacugagcugccccgagg.....	42	1	z1_
...uccuguacugagcugccccUagg.....	2	1	z1_
...uccuguacugagcugcccGgagg.....	1	1	z1_
...uccuguacugagcugAcccgagg.....	2	1	z1_
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...uccuguaUugagcugccccgagg.....	15	1	z1_
...uccuguGcugagcugccccgagg.....	17	1	z1_
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...uccuguacugagcGgccccgagg.....	2	1	z1_
...uccuguCcugagcugccccgagg.....	2	1	z1_
...uccuguacugagcugccAcgagg.....	2	1	z1_
...uccuguacugagcugccccCagg.....	1	1	z1_
...uccuguacugaAucugccccgagg.....	10	1	z1_
...uGcuguacugagcugccccgagg.....	1	1	z1_
...uccuguUcugagcugccccgagg.....	3	1	z1_
...uccuguacGgagcugccccgagg.....	2	1	z1_
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...uccuguacugagcAgccccgagg.....	8	1	z1_
...uccuguacugUgugccccgagg.....	3	1	z1_
...uccuguacugagcugccccAagg.....	8	1	z1_
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...uccugCacugagcugccccgagg.....	31	1	z1_
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...uccuguacugagcugcUcgagg.....	9	1	z1_
...uccuguacugagAuggccccgagg.....	6	1	z1_
...uccuguacugagcugccccgagU.....	242173	1	z1_
...uccuguacugagcugccAcgagg.....	5	1	z1_
...uccuguacAagagcugccccgagg.....	6	1	z1_
...uccuguacugagcugUcccgagg.....	22	1	z1_
...uCUGuacugagcugccccgagg.....	12	1	z1_
...uCUGuguacugagcugccccgagg.....	2	1	z1_
...uccuguacugagcugcccUgagg.....	10	1	z1_

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugccccggaggccuucaugcugccacucggggcagcucggggcagcucaguacaggauac

...uccuguacugagcugccccggag...	74	1	z1_-
...uccuguacugagcugccccGgg...	32	1	z1_-
...uccuguacugaCcugccccgagg...	4	1	z1_-
...uccuguacugagcugccccggag...	1310	1	z1_-
...uccuguacugagcugccccggagg...	3	1	z1_-
...uccuAuacugagcugccccgagg...	10	1	z1_-
...uccuguacugagcCcggccccgagg...	31	1	z1_-
...uccuguacugagcugccGcgagg...	1	1	z1_-
...uccuguacugagcugccccCgg...	114	1	z1_-
...uccuguacugagCggcgccccgagg...	28	1	z1_-
...uccuguacugagcUccccgagg...	1	1	z1_-
...uccuguaAuggcugccccgagg...	3	1	z1_-
...uccGguacugagcugccccgagg...	5	1	z1_-
...uccuguacuAaggcugccccgagg...	6	1	z1_-
...uccuguacugagcugcUccgagg...	25	1	z1_-
...uccuguacugagcugccccggU...	399	1	z1_-
...uccuguacCggcgccccgaggc...	1	1	z1_-
...uccuguacugagcugccccCggc...	2	1	z1_-
...uccuguacugagcugccccgagAc...	233	1	z1_-
...uccuguacugagcugccccgaggA...	114	1	z1_-
...uccuguacugagcugccccgaggc...	51	0	z1_-
...uccuguacugagcugccccggAgc...	9	1	z1_-
...uccuguacugagcugccccgagUc...	350	1	z1_-
...uccuguacugagcugccccgaggG...	6	1	z1_-
...uccuguacugUgcugccccgaggc...	1	1	z1_-
...uccuguacugagcugccccGggcc...	1	1	z1_-
...uccuguacugagcugccccgaggcc...	2	0	z1_-
...uccuguacugagcugccccgaggGc...	1	1	z1_-
...uccuguacugagcugccccgaggUc...	2	1	z1_-
...uccuguacugagcugccccgagA...	4	1	z1_-
...uccuguacugagcugccccgaggCA...	3	1	z1_-
...uccuguacugagcugccccgaggAcu...	2	1	z1_-
...ccuguacugagcugcccc...	1	0	z1_-
...ccuguacugagcugccccg...	35	0	z1_-
...ccuguacugagcugccccA...	1	1	z1_-
...ccuguacGgagcugccccg...	1	1	z1_-
...ccGguacugagcugccccg...	1	1	z1_-
...Uccuguacugagcugccccg...	6	1	z1_-
...ccuguacugagcugccccU...	1	1	z1_-
...ccuguacugagcugccccC...	1	1	z1_-
...ccuguacugGgcugccccgaga...	1	1	z1_-
...ccuguacugagcugccccgaga...	42	0	z1_-
...Uccuguacugagcugccccgaga...	9	1	z1_-
...ccuguacugagcugccccgU...	1	1	z1_-
...ccuguaUugagcugccccgaga...	1	1	z1_-
...ccuguacugagcugccUcga...	1	1	z1_-
...ccuguacugagcugccccG...	1	1	z1_-
...ccuguacugGgcugccccgag...	1	1	z1_-
...ccuguacugagcugccccgagaA...	8	1	z1_-
...ccuguacugagcugccccgag...	143	0	z1_-
...ccuguacugagcCcggccccgag...	1	1	z1_-
...Uccuguacugagcugccccgag...	69	1	z1_-
...ccuguacugagcugccccgagaU...	1	1	z1_-
...Acuguacugagcugccccgag...	1	1	z1_-
...ccGguacugagcugccccgag...	1	1	z1_-
...ccuguacugagcugccccGg...	1	1	z1_-
...ccuguacugagcugccccCg...	1	1	z1_-
...ccuAuacugagcugccccgag...	1	1	z1_-
...ccuguGcugagcugccccgag...	1	1	z1_-
...Uccuguacugagcugccccgagg...	1	1	z1_-
...ccuguacugagcugccccgagU...	50	1	z1_-
...ccuguacugagcugccccgaga...	39	1	z1_-
...ccuguacugagcugccccgagg...	1	0	z1_-
...ccuguacugagcugccccgaggc...	1	0	z1_-
...cuguacugagcugccccg...	30	0	z1_-
...Uuguacugagcugccccg...	1	1	z1_-
...cuguacugagcugccccgaga...	23	0	z1_-
...cuguacugagcugccccCa...	1	1	z1_-
...cCguacugagcugccccgag...	2	1	z1_-

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugcccccgaggccuucaugcugccacgcucggggcagcucggggcagcucaguacaggauac

.....cuguacugGgcugccccgag.....	3	1	z1_
.....cuguacugagcAgccccgag.....	2	1	z1_
.....cuguacugagUugccccgag.....	1	1	z1_
.....cuguacugagcugccccgagA.....	6	1	z1_
.....cuguacugagcugUcccag.....	1	1	z1_
....cugCacugagcugccccgag.....	1	1	z1_
....cuguacCgagcugccccgag.....	1	1	z1_
....Guguacugagcugccccgag.....	1	1	z1_
....cuguacugagcugccccgag.....	173	0	z1_
....cuguGcugagcugccccgag.....	1	1	z1_
....CuguacugaAcugccccgag.....	2	1	z1_
....cuguacugagcugccccgagCg.....	2	1	z1_
....cuguacugagcugGccccgagg.....	1	1	z1_
....cuguacugagcugccccgagU.....	62	1	z1_
....cuguacugagcugccccgagA.....	65	1	z1_
....cuguacugagcugccccgagg.....	10	0	z1_
....cuguacugagcugccccgagA.....	1	1	z1_
....cuguacugagcugccccgaggU.....	6	1	z1_
....cuguacugagcugccccgaggC.....	12	0	z1_
....uguacugagcugccccgag.....	2	0	z1_
....uguacugagcugccccgag.....	4	0	z1_
....uguacugagcugccccgagA.....	1	1	z1_
....uguacugagcugccccgagU.....	3	1	z1_
....uguacugagcugccccgagg.....	3	0	z1_
....guacugagcugccccgag.....	2	0	z1_
....guacugagcugccccgagA.....	2	1	z1_
 gcauccuguacugagcugccccgagA.....	1	1	GDM
.cauccuguacugagcugccccg.....	5	0	GDM
.cauccuguacugagcugccccga.....	4	0	GDM
.cauccuguacugagcugccccga.....	4	0	GDM
.cauccuguacugagcugccccgag.....	6	0	GDM
.cauccuguacugagcugccccgagU.....	1	1	GDM
.Aaucceuacugagcugccccgag.....	14	1	GDM
.Aaucceuacugagcugccccgag.....	14	1	GDM
.Aaucceuacugagcugccccgag.....	14	1	GDM
.Aaucceuacugagcugccccgag.....	1	1	GDM
.cauccuguacugagcugccccgag.....	6	0	GDM
.aucceuacugagcugcccc.....	5	0	GDM
.aucceuacugagcugcccc.....	5	0	GDM
..Cuccuguacugagcugccccg.....	100	1	GDM
..aucceuacugGgcugccccg.....	2	1	GDM
..aCcceuacugagcugccccg.....	2	1	GDM
..aucceuacugagcugccccU.....	4	1	GDM
..aucceuacugagcCcggcccg.....	3	1	GDM
..Cuccuguacugagcugccccg.....	100	1	GDM
..aucceuacugUGcugccccg.....	1	1	GDM
..aucceuacugGgcugccccg.....	2	1	GDM
..aucCceuacugagcugccccg.....	2	1	GDM
..aucceuacugagCgccccg.....	3	1	GDM
..Guccuguacugagcugccccg.....	1	1	GDM
..aucCceuacugagcugccccg.....	2	1	GDM
..aucceuacugagcugccccA.....	29	1	GDM
..aucceuacugagcugccccAg.....	1	1	GDM
..aucceuacugagcugccccg.....	268	0	GDM
..aucceuacCgagcugccccg.....	3	1	GDM
..aucceuacCgagcugccccg.....	3	1	GDM
..aucUJuguacugagcugccccg.....	2	1	GDM
..Uuccuguacugagcugccccg.....	3	1	GDM
..aucceuacAgagcugccccg.....	1	1	GDM
..aucceuacugagcugccccg.....	268	0	GDM
..aucceuacugagcugccccA.....	29	1	GDM
..aucceuacugagcugccccg.....	1	1	GDM
..aucceuacugagcugccccU.....	4	1	GDM
..Cuccuguacugagcugccccg.....	100	1	GDM
..Uuccuguacugagcugccccg.....	3	1	GDM
..aGccuguacugagcugccccg.....	2	1	GDM
..auUccuguacugagcugccccg.....	1	1	GDM
..aucceuacugagcugccccA.....	29	1	GDM

**hsa-miR-486-5p**

**hsa-miR-486-3p**

gcauccuguacugagcugccccgaggccuucaugcugccagcucggggcagcucaguacaggauac

..auccuguacugagcugccccg.....	268	0	GDM
..auccuguacugagcugccccC.....	1	1	GDM
..auccuguacugagGugccccga.....	1	1	GDM
..auccuguacugagcCcggcccgA.....	3	1	GDM
..auccuguacCggcgcggcccgA.....	4	1	GDM
..Cuccuguacugagcugccccga.....	115	1	GDM
..auccuguacugagcugcUccga.....	2	1	GDM
..Cuccuguacugagcugccccga.....	115	1	GDM
..aCcuguacugagcugccccga.....	2	1	GDM
..auccuguacAagcgcccccgA.....	2	1	GDM
..auccuguacAagcgcccccgA.....	2	1	GDM
..aucAuguacugagcugcccccgA.....	1	1	GDM
..auccuguacugagcugcccccgU.....	32	1	GDM
..auccuguacugaAcugcccccgA.....	2	1	GDM
..auAcuguacugagcugcccccgA.....	1	1	GDM
..auccuguacugagcugcUccga.....	2	1	GDM
..auccCguacugagcugcccccgA.....	9	1	GDM
..auccuguacugagcugcccccgA.....	726	0	GDM
..auccuguacugagcugcccUga.....	2	1	GDM
..auccuguacuAagcgcccccgA.....	2	1	GDM
..aucUuguacugagcugcccccgA.....	2	1	GDM
..auccuguacGgagcugcccccgA.....	1	1	GDM
..auccuguacugagcugccUega.....	1	1	GDM
..auccuguacugagcugcccccgU.....	32	1	GDM
..auccuguacugagcugcccccgC.....	4	1	GDM
..auccuguacugagcugcccccgA.....	726	0	GDM
..auccuguacugagcugccccUa.....	6	1	GDM
..auccuguacugagcugcccccgG.....	6	1	GDM
..auccugCacugagcugcccccgA.....	2	1	GDM
..auccuguacugagCgcccccgA.....	3	1	GDM
..auccuguacugagUugcccccgA.....	2	1	GDM
..auccuguacCgagcugcccccgA.....	4	1	GDM
..auccuguacugagcugcccccgUa.....	6	1	GDM
..aCcuguacugagcugcccccgA.....	2	1	GDM
..auccuguacugagcugUcccgA.....	5	1	GDM
..auccuguacugagcAgcccccgA.....	1	1	GDM
..auccuguacugagcugecccccgU.....	32	1	GDM
..GuccuguacugagcugcccccgA.....	4	1	GDM
..auccuguacugagUugcccccgA.....	2	1	GDM
..auccuguacugagCgcccccgA.....	3	1	GDM
..auccuguacugagcugcccccgG.....	6	1	GDM
..GuccuguacugagcugcccccgA.....	4	1	GDM
..auccuguacugagcugcccccgA.....	726	0	GDM
..CuccuguacugagcugcccccgA.....	115	1	GDM
..auccuguacugagcugcccccgC.....	4	1	GDM
..auccCguacugagcugcccccgA.....	9	1	GDM
..GuccuguacugagcugcccccgA.....	4	1	GDM
..auccuguacugagcugccccUa.....	6	1	GDM
..UuccuguacugagcugcccccgA.....	1	1	GDM
..auccuguauUugagcugcccccgA.....	2	1	GDM
..auccugCacugagcugcccccgA.....	2	1	GDM
..auccuguacugagcugcccUga.....	2	1	GDM
..auUcuguacugagcugcccccgA.....	1	1	GDM
..auccuguacugagcugcccccgA.....	2	1	GDM
..Uuccuguacugagcugcccccgag.....	2	1	GDM
..auccuguacugagcugcccccgA.....	58	1	GDM
..auccuguacugGgcugcccccgag.....	1	1	GDM
..auccuguacugagcugUcccgag.....	1	1	GDM
..auccuUuacugagcugcccccgag.....	1	1	GDM
..auccuguacugagcugcccccgGg.....	2	1	GDM
..auccuguacugagcugcccccgA.....	58	1	GDM
..auccuguacugagcugcccccgU.....	58	1	GDM
..auccuguacugagcugcccccgA.....	351	0	GDM
..Cuccuguacugagcugcccccgag.....	471	1	GDM
..auccuguacugagcugcccccgA.....	39	1	GDM
..auccuguacugagcugcccccgC.....	2	1	GDM
..Cuccuguacugagcugcccccgag.....	471	1	GDM
..auccuguacCgagcugcccccgag.....	1	1	GDM
..auccuguacugagcugcccccgA.....	39	1	GDM

**hsa-miR-486-5p**

**hsa-miR-486-3p**

gcauccuguacugagcugccccgaggccuucaugcugccacucggggcagcucaguacaggauac

..auccug <u>Acugagcugccccgag</u> .....	1	1	GDM
..auccuguacug <u>Agcugccccgag</u> .....	351	0	GDM
..U <u>uccuguacugagcugccccgag</u> .....	2	1	GDM
..auccuguacug <u>Agcugccccgag</u> .....	1	1	GDM
..auccuguacug <u>Agcugccccgag</u> .....	351	0	GDM
..C <u>uccuguacugagcugccccgag</u> .....	471	1	GDM
..aCc <u>uccuguacugagcugccccgag</u> .....	1	1	GDM
..auccuguacu <u>Aagcugccccgag</u> .....	1	1	GDM
..aucc <u>Aguacugagcugccccgag</u> .....	2	1	GDM
..auccuguacu <u>AgcugccccgagA</u> .....	39	1	GDM
..auccuguacu <u>Agcugccccgag</u> .....	3	1	GDM
..aucc <u>Agacugagcugccccgag</u> .....	2	1	GDM
..auccuguacu <u>AgcugccccgagA</u> .....	51	1	GDM
..auccuguacu <u>AgcugccccgagU</u> .....	2	1	GDM
..auccuguacu <u>AgcugccccgagU</u> .....	33	1	GDM
..auccuguacu <u>AgcugccccgagA</u> .....	3	1	GDM
..auccuguacu <u>AgcugccccgagC</u> .....	4	1	GDM
..auccuguacu <u>AgcugccccgagC</u> .....	4	1	GDM
..auccuguacu <u>AgcugccccgagA</u> .....	3	1	GDM
..C <u>uccuguacu<u>Agcugccccgagg</u></u> .....	5	1	GDM
..auccuguacu <u>Agcugccccgagg</u> .....	2	0	GDM
..C <u>uccuguacu<u>Agcugccccgagg</u></u> .....	5	1	GDM
..auccuguacu <u>AgcugccccgaggU</u> .....	33	1	GDM
..auccuguacu <u>AgcugccccgaggA</u> .....	51	1	GDM
..auccuguacu <u>Agcugccccgagg</u> .....	2	0	GDM
..auccuguacu <u>AgcugccccgaggC</u> .....	4	1	GDM
..auccuguacu <u>AgcugccccgaggU</u> .....	33	1	GDM
...uccuguacu <u>Ggcugccc</u> .....	3	1	GDM
...uccuguacu <u>AgcugccU</u> .....	158	1	GDM
...uc <u>Uguacu<u>Agcugccc</u></u> .....	2	1	GDM
...uccuguacu <u>Agcugccc</u> .....	530	0	GDM
...ucc <u>Cguacu<u>Agcugccc</u></u> .....	7	1	GDM
...uccuguacu <u>AgcugccU</u> .....	158	1	GDM
...uccuguacu <u>Agcgc</u> .....	4	1	GDM
...uccuga <u>Uugacu<u>Agcgc</u></u> .....	2	1	GDM
...uccuguacu <u>Agcgc</u> .....	4	1	GDM
...uccuguacu <u>AgcgcC</u> .....	39	1	GDM
...uc <u>Auguacu<u>Agcgc</u></u> .....	1	1	GDM
...uccug <u>Agacu<u>Agcgc</u></u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	3	1	GDM
...uccuguacu <u>Agcgc</u> .....	530	0	GDM
...uccu <u>Auacu<u>Agcgc</u></u> .....	1	1	GDM
...uccuguacu <u>AgcgcU</u> .....	158	1	GDM
...uccuguacu <u>Agcgc</u> .....	2	1	GDM
...Cc <u>ccuguacu<u>Agcgc</u></u> .....	1	1	GDM
...uccuguacu <u>AgcgcG</u> .....	7	1	GDM
...uccuguacu <u>AgcgcG</u> .....	7	1	GDM
...uccuguacu <u>AgcgcG</u> .....	7	1	GDM
...ucc <u>Aguacu<u>Agcgc</u></u> .....	1	1	GDM
...uccuguacu <u>AgcgcA</u> .....	39	1	GDM
...uccuguacu <u>Agcgc</u> .....	530	0	GDM
...uccuguacu <u>AgcgcA</u> .....	39	1	GDM
...uccuguacu <u>Agcgc</u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	3	1	GDM
...ucc <u>Cguacu<u>Agcgc</u></u> .....	7	1	GDM
...uccuguac <u>Cgacu<u>Agcgc</u></u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	2	1	GDM
...uccuguacu <u>Agcgc</u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	3	1	GDM
...uccuguacu <u>Agcgc</u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	1	1	GDM
...uccuguacu <u>Agcgc</u> .....	4	1	GDM
...uccuguacu <u>AgcgcG</u> .....	656	1	GDM
...ucc <u>Aguacu<u>Agcgc</u></u> .....	1	1	GDM
...u <u>Guguacu<u>Agcgc</u></u> .....	1	1	GDM
...Cc <u>ccuguacu<u>Agcgc</u></u> .....	13	1	GDM
...uccuguacu <u>Agcgc</u> .....	3	1	GDM
...Cc <u>ccuguacu<u>Agcgc</u></u> .....	13	1	GDM

**hsa-miR-486-5p**

**hsa-miR-486-3p**

**gcauccuguacugagcugcccccgaggccuucaugcugccacgcucggggcagcucaguacaggauac**

...uccCguacugagcugcccc.....	6	1	GDM
...uccugCacugagcugcccc.....	4	1	GDM
...uccuguacugagcugcccc.....	1446	0	GDM
...uccuguacCgagcugcccc.....	7	1	GDM
...uccuguacugagcugcAcc.....	1	1	GDM
...uccuguacugagcugccUc.....	7	1	GDM
...uccugCacugagcugcccc.....	4	1	GDM
...uccuguacugagcugcccA.....	137	1	GDM
...uccuguacugagcugccUc.....	7	1	GDM
...uccCguacugagcugcccc.....	6	1	GDM
...uccuguacugagCgcccc.....	5	1	GDM
...uccuguacugagcugcccc.....	1446	0	GDM
...uccuguacugagcugcccA.....	137	1	GDM
...uccuguUcugagcugcccc.....	1	1	GDM
...uccuguacugagcugeUcc.....	3	1	GDM
...uccuAuacugagcugcccc.....	2	1	GDM
...uUcuguacugagcugcccc.....	1	1	GDM
...uccuguacugagCgcccc.....	5	1	GDM
...uccuguacCgagcugcccc.....	7	1	GDM
...ucAuguacugagcugcccc.....	1	1	GDM
...uccuguacugagcugGccc.....	2	1	GDM
...uccuguacAagcugcccc.....	2	1	GDM
...uccuguacugagcugccAc.....	1	1	GDM
...uccuguacugGgcugcccc.....	5	1	GDM
...ucGuguacugagcugcccc.....	1	1	GDM
...uccuguGcugagcugcccc.....	6	1	GDM
...uccuguacugagcugccUc.....	7	1	GDM
...uccuAuacugagcugcccc.....	2	1	GDM
...uccuguacugagcugcccU.....	221	1	GDM
...uccuguacugagcugcccG.....	656	1	GDM
...uccuguacugagcugUccc.....	3	1	GDM
...uccuguacugagcugUccc.....	3	1	GDM
...uccuguacugagcugccGc.....	3	1	GDM
...uccuguaAugagcugcccc.....	1	1	GDM
...uccuguGcugagcugcccc.....	6	1	GDM
...uccugGacugagcugcccc.....	1	1	GDM
...uccuguacugUgcugeccc.....	1	1	GDM
...uccuguacugCgcugcccc.....	1	1	GDM
...Ccuguacugagcugcccc.....	13	1	GDM
...uccuguacugagcugccU.....	221	1	GDM
...uccCguacugagcugcccc.....	6	1	GDM
...uccuguaUugagcugcccc.....	1	1	GDM
...uccuguacugageugeGcc.....	1	1	GDM
...uccuguacugagcGcccc.....	5	1	GDM
...uccGguacugagcugcccc.....	1	1	GDM
...uccuguacuUagcugcccc.....	1	1	GDM
...uccuguacugaUcugcccc.....	1	1	GDM
...uccugCacugagcugcccc.....	4	1	GDM
...uccuguGcugagcugcccc.....	6	1	GDM
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...uccuguacugaCcugcccc.....	2	1	GDM
...uccuguacGgagcugcccc.....	2	1	GDM
...uccuguacugagUugcccc.....	2	1	GDM
...uccuguacugagcugcccc.....	656	1	GDM
...uccuguaGugagcugcccc.....	1	1	GDM
...uccuguacugGgcugcccc.....	5	1	GDM
...uccuguacGgagcugcccc.....	2	1	GDM
...uccuguacugaAcugcccc.....	1	1	GDM
...uccuguacCgagcugcccc.....	7	1	GDM
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...uccuguacugagcugccA.....	137	1	GDM
...uccuguacugagcugccU.....	221	1	GDM
...uccuguacugageugeGeg.....	45	1	GDM
...uccuUuacugagcugcccc.....	57	1	GDM
...uccuguacugaCcugcccc.....	78	1	GDM
...uccuguacugagcGcccc.....	1990	1	GDM
...uUcuguacugagcugcccc.....	330	1	GDM
...uccuguacugagcugAccc.....	121	1	GDM
...uccuguacugGgcugcccc.....	2166	1	GDM

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugccccggggccuucaugcugccacgcucggggcaggauac			
...uccuguacugagcugccccU.....	4112	1	GDM
...uccuguacuAagcugccccg.....	533	1	GDM
...uccuguacAagcugccccg.....	525	1	GDM
...uccAguacugagcugccccg.....	675	1	GDM
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...uccuguacugagcUccccg.....	45	1	GDM
...uccuguacugaUcgccccg.....	75	1	GDM
...uccuguacugagcugccAcg.....	202	1	GDM
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...uccGguacugagcugccccg.....	192	1	GDM
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...uccAguacugagcugccccg.....	675	1	GDM
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...Cccuguacugagcugccccg.....	2340	1	GDM
...Gccuguacugagcugccccg.....	200	1	GDM
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...uccuguacugagcugcUccg.....	627	1	GDM
...uccuguacugaAcugccccg.....	542	1	GDM
...uccugGacugagcugccccg.....	76	1	GDM
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...uccuguGcugagcugccccg.....	987	1	GDM
...ucUuguacugagcugccccg.....	395	1	GDM
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...uAcuguacugagcugccccg.....	150	1	GDM
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...uccuguacugagcugccAcg.....	202	1	GDM
...uccuguacugagcugccccA.....	27560	1	GDM
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hsa-miR-486-5p

hsa-miR-486-3p

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...uccug <u>a</u> acugagcugccccc...	255	1	GDM
...uccuguacu <u>ugCgcugccccc</u> ...	42	1	GDM
...uccuguacu <u>acagcugccGg</u> ...	160	1	GDM
...ucAugua <u>cugagcugccccc</u> ...	235	1	GDM
...uccugua <u>Gugagcugccccc</u> ...	48	1	GDM
...uccuguacu <u>agcugccccc</u> ...	68	1	GDM
...Gccuguacu <u>agcugccccc</u> ...	200	1	GDM
...uccuguacu <u>Uagcugccccc</u> ...	67	1	GDM
...uccug <u>g</u> acugagcugccccc...	76	1	GDM
...ucGuguacu <u>acugccccc</u> ...	35	1	GDM
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...uccuguacu <u>cugagcugccAcg</u> ...	202	1	GDM
...uccuguacu <u>cugagcugccccc</u> ...	364624	0	GDM
...uccuguacu <u>cugAgugccccc</u> ...	117	1	GDM
...uccuguacu <u>cugAgcugccAcg</u> ...	149	1	GDM
...uccu <u>Cuacugagcugccccc</u> ...	20	1	GDM
...uccu <u>Auacugagcugccccc</u> ...	620	1	GDM
...ucUuguacu <u>acugccccc</u> ...	395	1	GDM
...ucGuguacu <u>acugccccc</u> ...	35	1	GDM
...uccug <u>U</u> cugagcugccccc...	987	1	GDM
...uccuguacu <u>acagAuggccccc</u> ...	117	1	GDM
...uccuguacu <u>cugAgcugccUg</u> ...	786	1	GDM
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...uccuguacu <u>cugagcugUcccg</u> ...	609	1	GDM
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...uccuguacu <u>cugAgcugcUccg</u> ...	627	1	GDM
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...uccugu <u>U</u> cugagcugccccc...	109	1	GDM
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...ucc <u>Cguacu</u> acugcugccccc...	2457	1	GDM
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...uccuguacu <u>cugAgcugccCg</u> ...	149	1	GDM
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...uccuguacu <u>cugAgcugccccc</u> ...	364624	0	GDM
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...ucc <u>Gguacu</u> cugcugccccc...	192	1	GDM
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...uccugu <u>U</u> cugagcugccccc...	109	1	GDM
...uccuguacu <u>cugAgcgc</u> ...	1990	1	GDM
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...uccuguacu <u>cugAgcgcAcA</u> ...	27560	1	GDM
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...uccug <u>G</u> acugagcugccccc...	76	1	GDM

hsa-miR-486-5p

hsa-miR-486-3p

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...uccuguacugagcUcccccg.....	45	1	GDM
...uccuguacugagGugcccccg.....	43	1	GDM
...uccuguGcugagcugcccccg.....	987	1	GDM
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hsa-miR-486-5p

hsa-miR-486-3p

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...ucUuguacugagcugcccccgaa.....	408	1	GDM
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...uccuguacugagcugccccCa.....	107	1	GDM
...uccuguacugagcAgcccccgaa.....	540	1	GDM
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...uccuguacugagcugAcccccgaa.....	125	1	GDM
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...uccuguGcugagcugcccccgaa.....	1051	1	GDM
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...uccuguacugagcugcccccgU.....	6215	1	GDM
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hsa-miR-486-5p

hsa-miR-486-3p

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...uccuguacugagGugccccga.....	58	1	GDM
...ucAuguacugagcugccccga.....	255	1	GDM
...uccuguacugagcugccccga.....	814	1	GDM
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...uccuAuacugagcugccccga.....	644	1	GDM
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...ucGuguacugagcugccccga.....	33	1	GDM
...uccuguacugagcUcccga.....	49	1	GDM
...uccuguacuUagcugccccga.....	74	1	GDM
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hsa-miR-486-5p

hsa-miR-486-3p

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...uccuguacugagcugUcccg.....	677	1	GDM
..uGcuguacugagcugccccga.....	59	1	GDM
..uGcuguacugagcugccccga.....	59	1	GDM
...uccuguacuUagcugccccga.....	74	1	GDM
...uccuguacugagCgccccgag.....	14300	1	GDM
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...uccuguacugagGugccccgag.....	336	1	GDM
...uccuguacugagcugeccccGg.....	12329	1	GDM
...Cccuguacugagcugccccgag.....	15655	1	GDM
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...uccuguacugagcugccccCag.....	284	1	GDM
...uccuguacuUcugagcugccccgag.....	79	1	GDM
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...uccuguCcugagcugccccgag.....	348	1	GDM
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...uccuguacugagcugccccgaC.....	6499	1	GDM
...uccugCacugagcugccccgag.....	8936	1	GDM
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...uccuguacugagcugcAegag.....	1327	1	GDM
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...ucAugguacugagcugccccgag.....	1724	1	GDM
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...uccuAuacugagcugccccgag.....	4092	1	GDM
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...uccuguacugagcugcccAag.....	772	1	GDM
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...uccuguacugagcugccccUgag.....	8339	1	GDM
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hsa-miR-486-5p

hsa-miR-486-3p

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...uccCguacuAgcugccccggag.....	16437	1	GDM
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...uccuguacuAgcugccccggag.....	2606495	0	GDM
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...uccuguacuAgCgcugccccggag.....	383	1	GDM
...CcuguacuAgcugccccggag.....	15655	1	GDM
...uUcuguacuAgcugccccggag.....	2589	1	GDM
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...uccuguacuAgcugccccggagC.....	6499	1	GDM
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...uccuguacuAgcugAcccgag.....	866	1	GDM
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...uccuguacuAgcugccAcgag.....	1327	1	GDM
...GccuguacuAgcugccccggag.....	1306	1	GDM
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...uccuguacuAgcugccccggagA.....	134626	1	GDM
...uCluguacuAgcugccccggag.....	2512	1	GDM

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...uccuguacugagcugccccgCg.....	7133	1	GDM
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...uccuguacuAagcugcccccag.....	3673	1	GDM
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**hsa-miR-486-5p**

**hsa-miR-486-3p**

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**hsa-miR-486-5p**

**hsa-miR-486-3p**

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...uccuguac <u>Agagcugccccgagg</u> .....	2	1	GDM
...ucc <u>Agua</u> cugag <u>cugccccgagg</u> .....	19	1	GDM
...ucc <u>ugu</u> U <u>cugagcugccccgagg</u> .....	5	1	GDM
...u <u>cugu</u> ac <u>ugagcugccccgagg</u> .....	10	1	GDM
...uccuguac <u>ugagcGgccccgagg</u> .....	3	1	GDM
...uccuguau <u>Agagcugccccgagg</u> .....	6	1	GDM
...uccuguac <u>ugUgcugccccgagg</u> .....	9	1	GDM
...G <u>ccuguacugagcugccccgagg</u> .....	4	1	GDM
...ucc <u>Agua</u> cugag <u>cugccccgagg</u> .....	19	1	GDM
...uccuguac <u>acugCgugccccgagg</u> .....	2	1	GDM
...uccuguau <u>Uugagcugccccgagg</u> .....	19	1	GDM
...ucc <u>ugA</u> ac <u>ugagcugccccgagg</u> .....	3	1	GDM
...uccuguac <u>ugagcugccccGgg</u> .....	24	1	GDM
...ucc <u>Agua</u> cugag <u>cugccccgagg</u> .....	19	1	GDM
...uccuguac <u>ugagcugccccCgg</u> .....	24	1	GDM
...uccuguac <u>ugagcugccccGgg</u> .....	37	1	GDM
...ucc <u>Guacu</u> cugag <u>cugccccgagg</u> .....	9	1	GDM
...uccuguau <u>Uugagcugccccgagg</u> .....	19	1	GDM
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...uccuguac <u>Acagcugccccgagg</u> .....	15	1	GDM
...uccuguac <u>ugagcugcccUgagg</u> .....	26	1	GDM
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...uccuguau <u>Agagcugccccgagg</u> .....	6	1	GDM
...uccuguac <u>ugagcugcccAagg</u> .....	2	1	GDM
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...uccug <u>Cacugagcugccccgagg</u> .....	34	1	GDM
...uccug <u>acu</u> Ag <u>cugccccgagg</u> .....	1	1	GDM
...uccuguac <u>ugagcugccccgagA</u> .....	448254	1	GDM
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...uccuguac <u>ugagcugccccgagg</u> .....	12	1	GDM
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...uccuguac <u>uga</u> U <u>cugccccgagg</u> .....	1	1	GDM
...uccuguac <u>ugagcugccccgaA</u> .....	2797	1	GDM
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...uccuguac <u>ugagcugccccga</u> U.....	98	1	GDM
...ucc <u>GGuacu</u> g <u>agcugccccgagg</u> .....	9	1	GDM
...uccuguac <u>uAagcugccccgagg</u> .....	7	1	GDM
...u <u>Ucuguacu</u> g <u>agcugccccgagg</u> .....	10	1	GDM
...uccuAu <u>acugagcugccccgagg</u> .....	14	1	GDM
...C <u>ccuguacu</u> g <u>agcugccccgagg</u> .....	71	1	GDM
...uccuguac <u>ugagcugccccgagA</u> .....	448254	1	GDM
...uccug <u>Ucugagcugccccgagg</u> .....	5	1	GDM
...uccuguac <u>Ggagcugccccgagg</u> .....	2	1	GDM
...uccuguac <u>ugagcugccccAagg</u> .....	7	1	GDM
...uccuguac <u>ugagc</u> U <u>ccccgagg</u> .....	1	1	GDM
...u <u>cUguacu</u> g <u>agcugccccgagg</u> .....	14	1	GDM
...uccuguac <u>ugGgagcugccccgagg</u> .....	55	1	GDM
...uccuguac <u>ugagcugccccgagA</u> .....	386	1	GDM
...uccuguac <u>ugagcugccccgaggA</u> .....	212	1	GDM
...uccuguac <u>ugagcugccccgagA</u> .....	386	1	GDM

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugccccgaggccuucaugcugccagcucggggcagcucaguacaggauac

...uccuguacugagcugccccgagUc.....	503	1	GDM
...uccuguacugagcugccccgagCc.....	2	1	GDM
...uccuguacugGgcugccccgaggc.....	1	1	GDM
...uccuguacugagcugccccgaggA.....	212	1	GDM
...uccuguacugagcugccccgaggA.....	212	1	GDM
...uccuguacugagcugccccgaAgc.....	12	1	GDM
...uccuguacugagcugccccgaAgc.....	12	1	GDM
...uccuguacugagcugccccgaggC.....	2	1	GDM
...uccuguacugagcugccccgaggC.....	32	0	GDM
...uccuguacugagcugccccgaggG.....	16	1	GDM
...uccuguacugagUugccccgaggc.....	2	1	GDM
...uccuguacugagcugccccgaggc.....	32	0	GDM
...uccuguacugagcugccccgagUc.....	503	1	GDM
...uccuguacugagcugccccgagAc.....	386	1	GDM
...uccuguacugagcugccccgaggG.....	16	1	GDM
...uccuguacugagcugccccgaCgc.....	1	1	GDM
...uccuguacugagcugccccgaggG.....	16	1	GDM
...uccuguacugagcugccccgaAgc.....	12	1	GDM
...uccuguacugaAcugccccgaggc.....	1	1	GDM
...uccuguacugagcugccccgaggU.....	409	1	GDM
...uccuguacugagcugccGcgaggc.....	1	1	GDM
...uccuguacugagcugccccgaggc.....	32	0	GDM
...uccuguacugagcugccccgaggU.....	409	1	GDM
...uccugCacugagcugccccgaggc.....	1	1	GDM
...uccuguacugagcugccccgagUc.....	503	1	GDM
...uccuguacugagcugccccgaggU.....	409	1	GDM
...uccuguacugagcugccccgagAcc.....	3	1	GDM
...uccuguacugagcugccccgaggU.....	1	1	GDM
...uccuguacugagcugccccgaggUc.....	6	1	GDM
...uccuguacugagcugccccgaggAc.....	3	1	GDM
...uccuguacugagcugccccgaggAc.....	3	1	GDM
...uccuguacugagcugccccgaggAc.....	3	1	GDM
...uccuguacugagcugccccgaggAc.....	6	1	GDM
...uccuguacugagcugccccgaggUc.....	1	1	GDM
...uccuguacugagcugccccgaggU.....	2	1	GDM
...uccuguacugagcugccccg.....	1	1	GDM
...uccuguacugagcugccccA.....	4	1	GDM
...uccuguacugagcugccccg.....	18	1	GDM
...uccuguacugagcugccccg.....	57	0	GDM
...uccuguacugagcugccccg.....	57	0	GDM
...uccuguacugagcugccccg.....	57	0	GDM
...uccuguacugagcugccccg.....	18	1	GDM
...uccuguacugagcugccccA.....	4	1	GDM
...uccuguacugagcugccccga.....	60	0	GDM
...Ucuguacugagcugccccga.....	27	1	GDM
...ccuguacCagcugccccga.....	2	1	GDM
...ccuguacugagcugccccga.....	1	1	GDM
...ccuguacugagcugccccga.....	60	0	GDM
...Ucuguacugagcugccccga.....	27	1	GDM
...ccuguacugagcugccccga.....	60	0	GDM
...ccuguacugagcugccccAa.....	1	1	GDM
...ccuguacCagcugccccga.....	2	1	GDM
...ccuguacugagcugccccgC.....	1	1	GDM
...Ucuguacugagcugccccga.....	27	1	GDM
...Gcuguacugagcugccccga.....	1	1	GDM
...ccGguacugagcugccccga.....	1	1	GDM
...Ucuguacugagcugccccgag.....	172	1	GDM
...Acuguacugagcugccccgag.....	1	1	GDM
...ccuguacugagcugccccgCg.....	2	1	GDM
...ccuguacugGgcugccccgag.....	5	1	GDM
...ccuguacugagUugccccgag.....	1	1	GDM
...Ucuguacugagcugccccgag.....	172	1	GDM
...cUuguacugagcugccccgag.....	1	1	GDM
...ccAuacugagcugccccgag.....	1	1	GDM
...ccuguacugagcugcccUgag.....	3	1	GDM
...ccuguacugagcugccccgag.....	245	0	GDM

**hsa-miR-486-5p**

**hsa-miR-486-3p**

gcauccuguacugagcugcccccgaggccuucaugcugccacgcucggggcagcucaguacaggauac

....ccuguacugagcugcccccgag.....	15	1	GDM
....ccuguacugaAcugcccccgag.....	1	1	GDM
....ccuguacugagcCgcccccgag.....	3	1	GDM
....ccuguacugagcCcggcccgag.....	3	1	GDM
....ccGuacugagcugcccccgag.....	2	1	GDM
....ccuguacugagcugcccccgagU.....	1	1	GDM
....ccuguacugagcugcccccgag.....	3	1	GDM
....ccuguacugagcugcccccgag.....	245	0	GDM
....ccCguacugagcugcccccgag.....	2	1	GDM
....ccuguacugagcugcccccgag.....	1	1	GDM
....ccuguacugagcugcccccgag.....	245	0	GDM
....ccuguacugagcugcccccgag.....	1	1	GDM
....Ucuguacugagcugcccccgag.....	172	1	GDM
....ccuguacugagcugcccccgagA.....	15	1	GDM
....ccuguacugagcugcccccgagA.....	15	1	GDM
....caGuaucugagcugcccccgag.....	2	1	GDM
....ccuguacugagcugcccccgagA.....	64	1	GDM
....ccuguacugagcugcccccgagU.....	36	1	GDM
....ccuguacugagcugcccccgagU.....	36	1	GDM
....ccuguacugagcugcccccgagU.....	36	1	GDM
....ccuguacugagcugcccccgagA.....	64	1	GDM
....ccuguacugagcugcccccgagg.....	1	0	GDM
....ccuguacugagcugcccccgagA.....	64	1	GDM
....Ucuguacugagcugcccccgagg.....	3	1	GDM
....ccuguacugagcugcccccgagUc.....	1	1	GDM
....cuguGcugagcugcccccg.....	1	1	GDM
....cAguacugagcugcccccg.....	2	1	GDM
....cuguacugagcugcccccg.....	56	0	GDM
....cuguacugagcugccccA.....	10	1	GDM
....cuguacugagcugccccA.....	10	1	GDM
....cuguacugagcugcccccg.....	56	0	GDM
....cuguacugageCgcccccg.....	1	1	GDM
....cGuaucugagcugcccccg.....	1	1	GDM
....cuguacugagcugccccA.....	10	1	GDM
....Guguacugagcugcccccg.....	1	1	GDM
....cuguacugagcugcccccg.....	56	0	GDM
....cuguacugagcugccccga.....	53	0	GDM
....cuguacugagcugccccga.....	53	0	GDM
....cuguacugagcugccccga.....	53	0	GDM
....cuguacugagcugccccgaA.....	13	1	GDM
....cuguacugagcugUccccgag.....	3	1	GDM
....cuguacugagcugcccccgA.....	13	1	GDM
....cuguacugagcugcccccgag.....	383	0	GDM
....cuguacugagcugccAcgag.....	3	1	GDM
....cuguGcugagcugcccccgag.....	1	1	GDM
....cuguacugGgcugcccccgag.....	8	1	GDM
....Uuguacugagcugcccccgag.....	3	1	GDM
....cuguacugagcugcccccgA.....	13	1	GDM
....cuguacugagcugcccccgGg.....	4	1	GDM
....Auguacugagcugcccccgag.....	2	1	GDM
....cuguacugagcugcUcccgag.....	2	1	GDM
....cuguacugagcugccccUgag.....	2	1	GDM
....cugCacugagcugcccccgag.....	1	1	GDM
....cuguacugagcugcccccgag.....	383	0	GDM
....cuguacugagcugUcccgag.....	3	1	GDM
....cuguacugGgcugcccccgag.....	8	1	GDM
....cuguacugagcugcccccgCg.....	1	1	GDM
....cuguacAgagcugcccccgag.....	1	1	GDM
....cuguacugagcugcccccgag.....	383	0	GDM
....cuguacugagcugcccccgGg.....	4	1	GDM
....cuguacugGgcugcccccgag.....	8	1	GDM
....cuguacugagcugcccccgagA.....	1	1	GDM
....cuguacugagcugcccccgagg.....	5	0	GDM
....cuguacugagcugcccccgagU.....	126	1	GDM
....cuguacugagcugcccccgagg.....	5	0	GDM
....cuguacugagcugcccccgagA.....	89	1	GDM
....cuguacugagcugcccccgagU.....	126	1	GDM
....cuguacugagcugcccccgagA.....	89	1	GDM
....cuguacugagcugcccccgagg.....	5	0	GDM

**hsa-miR-486-5p**

**hsa-miR-486-3p**

gcauccuguacugagcugccccgaggccuucaugcugccagcucggggcagcucaguacaggauac

.....cuguacugagcugccccgagU.....	126	1	GDM
.....cuguacugagcugccccgagA.....	89	1	GDM
.....cuguacugagcugccccgagC.....	1	1	GDM
.....cuguacugagcugccccgaggA.....	7	1	GDM
.....cuguacugagcugccccgaggC.....	2	0	GDM
.....cuguacugagcCcggggaggC.....	1	1	GDM
.....cuguacugagcugccccgaggA.....	7	1	GDM
.....uguacugagcugccccgag.....	2	0	GDM
.....uggacugagcugccccgag.....	1	1	GDM
.....uguacugagcugccccgag.....	2	0	GDM
.....uguacugagcugccccgag.....	17	0	GDM
.....uguaccGagcugccccgag.....	1	1	GDM
.....uguacugagcugccccgag.....	17	0	GDM
.....uguacugagcugccccgag.....	17	0	GDM
.....uguacugagcugccccgagU.....	5	1	GDM
.....uguacugagcugccccgagA.....	6	1	GDM
.....uguacugagcugccccgagU.....	1	1	GDM
.....uguacugagcugccccgagg.....	3	0	GDM
.....uguacugagcugccccgaggA.....	6	1	GDM
.....uguacugagcugccccgaggA.....	6	1	GDM
.....uguacugagcugccccgaggC.....	3	0	GDM
.....uguacugagcugccccgaggC.....	3	0	GDM
.....guacugagcugccccgag.....	4	0	GDM
.....guacugagcugccccgag.....	4	0	GDM
.....guacugagcugccccgaggA.....	1	1	GDM
.....uacugagcugccccgagA.....	2	1	GDM
 gGauccuguacugagcugccccgag.....	1	1	z2_
.cauccuguacugagcugccccgag.....	4	0	z2_
.cGuccuguacugagcugccccgag.....	4	1	z2_
.Aauccuguacugagcugccccgag.....	2	1	z2_
.cCuccuguacugagcugccccgag.....	2	1	z2_
..auccuguacugagcugccU.....	1	1	z2_
..auccuguacugagcugccc.....	1	0	z2_
..auccuguacugagcugcccc.....	1	0	z2_
..auccuguacugagcugcccU.....	1	1	z2_
..auccuguacugagcugccccU.....	2	1	z2_
..aucUuguacugagcugccccg.....	1	1	z2_
..auccuAuaucugagcugccccg.....	2	1	z2_
..auccuguacuUagcugccccg.....	1	1	z2_
..Cuuccuguacugagcugccccg.....	43	1	z2_
..auccuguacugagcugccccC.....	2	1	z2_
..auccuguacugagcugcUccg.....	1	1	z2_
..auccuguacugagcugccccA.....	14	1	z2_
..auccuguacugagcugccccg.....	115	0	z2_
..auccuguacugagcCcggggg.....	1	1	z2_
..auccCguacugagcugccccg.....	1	1	z2_
..auccuguacugagUugccccgag.....	1	1	z2_
..auccugCacugagcugccccga.....	2	1	z2_
..auccuguaUugagcugccccga.....	2	1	z2_
..Cuuccuguacugagcugccccga.....	78	1	z2_
..auccuguacCgagcugccccga.....	3	1	z2_
..Uuccuguacugagcugccccga.....	2	1	z2_
..auccuguacugGgcugccccga.....	2	1	z2_
..auccuguacuAagcugccccga.....	1	1	z2_
..aCcuguacugagcugccccga.....	6	1	z2_
..auccuguacugagCgccccga.....	6	1	z2_
..Guuccuguacugagcugccccga.....	2	1	z2_
..auccuguacugagcugAccga.....	1	1	z2_
..auccuguacugagcugccccG.....	1	1	z2_
..auccuguacugagcugUccga.....	1	1	z2_
..auccuguacugagcugccccga.....	404	0	z2_
..auccuguacugagcugccccgU.....	10	1	z2_
..auccuguacugAgccccgag.....	1	1	z2_
..auccCguacugagcugccccga.....	1	1	z2_
..auccuguacugagcugccccgagA.....	12	1	z2_
..auccuguacugagcugccccgagU.....	16	1	z2_
..auccuguacugagcugccccgag.....	159	0	z2_

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugcccccgggccccuucaugcugccacagcu**cgggggcagcucaguacaggauac**

..auccuguacu <u>acugagcugcccccgg</u> g.....	1	1	z2_
..auccug <u>Cacugagcugcccccgg</u> .....	1	1	z2_
..auccuguac <u>Cgagcugcccccgg</u> .....	3	1	z2_
..auccuguac <u>uacGgcugcccccgg</u> .....	2	1	z2_
..auccuguac <u>uacugagcugcccccgg</u> .....	1	1	z2_
..Gu <u>ccuguacu<u>acugagcugcccccgg</u>.....</u>	2	1	z2_
..auccuguac <u>uacugagcugcccccgg</u> A.....	2	1	z2_
..Cuccuguac <u>uacugagcugcccccgg</u> .....	252	1	z2_
..auccu <u>Auacu<u>acugagcugcccccgg</u>.....</u>	1	1	z2_
..auccuguac <u>uacugagcugcccccgg</u> A.....	15	1	z2_
..auccuguac <u>uacugagcugcccccgg</u> G.....	3	1	z2_
..Cuccuguac <u>uacugagcugcccccgg</u> G.....	2	1	z2_
..auccuguac <u>uacugagcugcccccgg</u> U.....	1	1	z2_
..auccuguac <u>uacugagcugcccccgg</u> U.....	11	1	z2_
...uccuguG <u>cugagcugccc</u> .....	3	1	z2_
...uccugu <u>acugagcugccc</u> .....	1	1	z2_
...Cccuguac <u>uacugagcugccc</u> .....	1	1	z2_
...uccuguac <u>uacugagcugccc</u> .....	2	1	z2_
...ucc <u>Cguacu<u>acugagcugccc</u>.....</u>	2	1	z2_
...uccuguac <u>uacugagcugccc</u> U.....	63	1	z2_
...uccuguac <u>uacugagcugcc</u> A.....	11	1	z2_
...uccuguac <u>Cgagcugccc</u> .....	1	1	z2_
...uccuguac <u>uacugagcugccc</u> G.....	4	1	z2_
...uccuguac <u>uacugag</u> U <u>gcugccc</u> .....	1	1	z2_
...uccuguac <u>uacugag</u> U <u>gcugccc</u> .....	221	0	z2_
...uccuguac <u>uacugag</u> U <u>gcugccc</u> U.....	89	1	z2_
...Cccuguac <u>uacugag</u> U <u>gcugccc</u> .....	1	1	z2_
...uccuguac <u>uacugag</u> U <u>gcugccc</u> .....	8	1	z2_
...uccuguac <u>uacugag</u> G <u>gcugccc</u> .....	1	1	z2_
...u <u>Ucuguacu<u>acugag</u>U<u>gcugccc</u>.....</u>	1	1	z2_
...uccuguac <u>uacugag</u> U <u>gcugccc</u> .....	1	1	z2_
...uccuguua <u>Uugagcugccc</u> .....	1	1	z2_
...uccugu <u>acuacugagcugccc</u> .....	1	1	z2_
...ucc <u>Gguacu<u>acugagcugccc</u>.....</u>	2	1	z2_
...uccuguac <u>uacugag</u> G <u>gcugccc</u> A.....	45	1	z2_
...uccuguac <u>uacugag</u> U <u>gcugccc</u> U.....	3	1	z2_
...uccuguac <u>uacugag</u> U <u>gcugccc</u> .....	1	1	z2_
...uccuguac <u>uacugag</u> G <u>gcugccc</u> .....	1	1	z2_
...uccuguac <u>uacugag</u> G <u>gcugccc</u> .....	167	1	z2_
...uccuguac <u>uacugag</u> G <u>gcugccc</u> .....	514	0	z2_
...uccuguacuA <u>acugccc</u> .....	1	1	z2_
...uccuCu <u>acugagcugccc</u> .....	7	1	z2_
...uccGguac <u>uacugagcugccc</u> .....	40	1	z2_
...uccuguG <u>cugagcugccc</u> .....	297	1	z2_
...uccuguac <u>Cgagcugccc</u> .....	585	1	z2_
...Gccuguac <u>uacugagcugccc</u> .....	43	1	z2_
...u <u>Acuguacu<u>acugagcugccc</u>.....</u>	40	1	z2_
...uccuguac <u>uacugag</u> C <u>gcuggccc</u> .....	619	1	z2_
...uccuguacu <u>Acugccc</u> .....	165	1	z2_
...uccuga <u>Uugagcugccc</u> .....	165	1	z2_
...u <u>Gcuguacu<u>acugagcugccc</u>.....</u>	16	1	z2_
...uccuguac <u>uacugag</u> G <u>gc</u> .....	49	1	z2_
...uccuguac <u>uacugag</u> U <u>ccg</u> .....	212	1	z2_
...uccug <u>Cacugagcugccc</u> .....	399	1	z2_
...uccuguac <u>uacugag</u> G <u>ccG</u> .....	18	1	z2_
...u <u>Auguacu<u>acugagccc</u>.....</u>	63	1	z2_
...uccuguac <u>uacugag</u> A <u>ccg</u> .....	23	1	z2_
...u <u>Ucuguacu<u>acugagccc</u>.....</u>	121	1	z2_
...uccuguac <u>uacugag</u> G <u>cc</u> .....	33	1	z2_
...uccuguac <u>Ggagcugccc</u> .....	48	1	z2_
...uccuguac <u>uacugag</u> U <u>ccc</u> .....	13	1	z2_
...uccu <u>Auacu<u>acugagcugccc</u>.....</u>	197	1	z2_
...u <u>Uuguacu<u>acugagcugccc</u>.....</u>	100	1	z2_
...uccuguac <u>uacugag</u> C <u>ccccc</u> .....	19	1	z2_
...uccuguac <u>uacugag</u> A <u>ggccc</u> .....	20	1	z2_
...uccuguac <u>uacugag</u> G <u>ggccc</u> .....	177	1	z2_
...uccugu <u>acuacugag</u> G <u>ggccc</u> .....	5	1	z2_
...uccug <u>Aacugagcugccc</u> .....	76	1	z2_

hsa-miR-486-5p

hsa-miR-486-3p

gcauccuguacugagcugcccccgaggccuucaugcugccagcucccccgcggggcagcucaguacaggauac

...uccuguacu <u>C</u> agcugccccg.....	2	1	z2_
...uccuguU <u>c</u> ugagcugccccg.....	25	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	262	1	z2_
...uccuguacu <u>U</u> agcagccccg.....	159	1	z2_
...uccug <u>G</u> acugagcugccccg.....	25	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	20	1	z2_
...uccuguacu <u>A</u> agcugccccg.....	197	1	z2_
...uccuguacu <u>G</u> agcugccccg.....	718	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	202	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	45	1	z2_
...uccuguacu <u>U</u> agcugccccA.....	7307	1	z2_
...uccuguacu <u>U</u> agcugccccU.....	1077	1	z2_
...uccugu <u>C</u> ugagcugccccg.....	15	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	245	1	z2_
...uc <u>G</u> uguacu <u>U</u> agcugccccg.....	6	1	z2_
...uccugu <u>A</u> ugagcugccccg.....	25	1	z2_
...uccu <u>U</u> uacu <u>U</u> agcugccccg.....	18	1	z2_
...ucc <u>A</u> guacu <u>U</u> agcugccccg.....	185	1	z2_
...uccuguacu <u>U</u> agcGccccg.....	23	1	z2_
...ucc <u>C</u> guacu <u>U</u> agcugccccg.....	718	1	z2_
...Cccuguacu <u>U</u> agcugccccg.....	751	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	9	1	z2_
...uccuguacu <u>U</u> agcugccccA.....	54	1	z2_
...uccuguacu <u>U</u> agcugccccC.....	560	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	216	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	13	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	7	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	120284	0	z2_
...uccuguacu <u>U</u> agcugccccg.....	27	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	117	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	14	1	z2_
...ucc <u>G</u> uacu <u>U</u> agcugccccg.....	52	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	351	1	z2_
...uc <u>G</u> uguacu <u>U</u> agcugccccg.....	7	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	28	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	174278	0	z2_
...uccuguacu <u>U</u> agcugccccg.....	183	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	39	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	34	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	47	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	979	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	45	1	z2_
...uccu <u>U</u> uacu <u>U</u> agcugccccg.....	290	1	z2_
...uc <u>A</u> guacu <u>U</u> agcugccccg.....	89	1	z2_
...uccug <u>G</u> acu <u>U</u> agcugccccg.....	31	1	z2_
...uccu <u>U</u> uacu <u>U</u> agcugccccg.....	29	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	30	1	z2_
...uccuguacu <u>U</u> agcugccccgU.....	1905	1	z2_
...uccuguacu <u>U</u> agcugccccG.....	27	1	z2_
...uc <u>U</u> guacu <u>U</u> agcugccccg.....	173	1	z2_
...uccugu <u>U</u> agcugccccg.....	244	1	z2_
...uccuguacu <u>U</u> agcugccccA.....	246	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	232	1	z2_
...uccugu <u>A</u> ugagcugccccg.....	33	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	26	1	z2_
...uccug <u>A</u> acu <u>U</u> agcugccccg.....	113	1	z2_
...uccugu <u>C</u> acu <u>U</u> agcugccccg.....	19	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	803	1	z2_
...Gccuguacu <u>U</u> agcugccccg.....	110	1	z2_
...uccugu <u>C</u> acu <u>U</u> agcugccccg.....	464	1	z2_
...uccuguacu <u>U</u> agcugccccC.....	200	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	41	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	29	1	z2_
...uccug <u>C</u> acu <u>U</u> agcugccccg.....	526	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	43	1	z2_
...uc <u>U</u> guacu <u>U</u> agcugccccg.....	70	1	z2_
...uccuguacu <u>U</u> agcugccccU.....	62	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	213	1	z2_
...uccuguacu <u>U</u> agcugccccg.....	235	1	z2_

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...uccuguacuCagcugccccga.....	7	1	z2_
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...uccCguacuAgcugccccga.....	1045	1	z2_
...uUcuguacuAgcugccccga.....	163	1	z2_
...uccuguacuAgcugccccga.....	206	1	z2_
...uccuguacuAgcugccccCa.....	29	1	z2_
...uccuguacuAgcugccUcg.....	264	1	z2_
...uccuguUcugagcugccccga.....	34	1	z2_
...uccuCuacuAgcugccccga.....	13	1	z2_
...uGcuguacuAgcugccccga.....	16	1	z2_
...uccuguacuAgcugccccga.....	49	1	z2_
...uccuguacuAgcugccccG.....	1140	1	z2_
...uccuguacuAgcugccccga.....	286	1	z2_
...uccuguacuAgcugcccUga.....	373	1	z2_
...uccuguacuAgcugccccga.....	995	1	z2_
...uccuguacuAgcugccccga.....	50	1	z2_
...uccuguacuAgcugccccAga.....	65	1	z2_
...CcuguacuAgcugccccga.....	1121	1	z2_
...uccuguaGugagcugccccga.....	17	1	z2_
...uccuguacuAgcugcUccga.....	379	1	z2_
...uccAguacuAgcugccccga.....	304	1	z2_
...uccuguacuAgcugccccGga.....	77	1	z2_
...uccuguacuAgcugcGccga.....	12	1	z2_
...uccuUuacuAgcugccccgag.....	96	1	z2_
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...uccuguacuAgcugccccgag.....	1579	1	z2_
...uccuguaGugagcugccccgag.....	76	1	z2_
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...uccuguaAUGagcugccccgag.....	192	1	z2_
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...uccuAuacuAgcugccccgag.....	1366	1	z2_
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...uAcuguacuAgcugccccgag.....	338	1	z2_
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...uccugAacuAgcugccccgag.....	567	1	z2_
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...uccuguGcugagcugccccgag.....	2197	1	z2_
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...uccuguacuAgcugAcccgag.....	306	1	z2_
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...uccuguacuAgcugccccUcgag.....	1151	1	z2_
...uccuguCcugagcugccccgag.....	107	1	z2_
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...uccuguacuAgcugccccCg.....	124	1	z2_
...uccuguacuAgcugccccAag.....	1310	1	z2_
...uccuguacuAgcugccccCag.....	82	1	z2_
...uccuguacCgagcugccccgag.....	3726	1	z2_
...uccuguacuAgcugccccgag.....	118	1	z2_
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...uccuguacuAgcugccccGg.....	3925	1	z2_
...uccuguacGgagcugccccgag.....	272	1	z2_
...uccuguacuAgcugccccgagA.....	34567	1	z2_
...uccuguacuAgcugUccccgag.....	1355	1	z2_
...uccuguacuAgcAgccccgag.....	1161	1	z2_
...ucUuguacuAgcugccccgag.....	807	1	z2_
...uccAguacuAgcugccccgag.....	1538	1	z2_
...uccuguacuAgcugccccAcgag.....	388	1	z2_
...uccuguacuUAGcugccccgag.....	142	1	z2_
...GccuguacuAgcugccccgag.....	462	1	z2_
...uccugCacugagcugccccgag.....	2794	1	z2_
...uccuguacuAgcUccccgag.....	99	1	z2_
...uccuguacuAgcCgccccgag.....	4785	1	z2_

hsa-miR-486-5p

hsa-miR-486-3p

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...uccuguacugagcugccccgag.....	211	1	z2_
...ucAuguacugagcugccccgag.....	450	1	z2_
...uGcuguacugagcugccccgag.....	107	1	z2_
...ucGuguacugagcugccccgag.....	50	1	z2_
...uccGguacugagcugccccgag.....	327	1	z2_
...uccuguacugCgcugccccgag.....	130	1	z2_
...uccuguacugUgcugccccgag.....	866	1	z2_
...uccuguacugagcugcccGgag.....	266	1	z2_
...uccuguacugagcugccccgaC.....	1393	1	z2_
...uccuguacu <u>C</u> gcugccccgag.....	16	1	z2_
...uccuguacugagGgcugccccgag.....	89	1	z2_
...uccuguacugagcugccccUg.....	924	1	z2_
...uccuguacugagcugccccUag.....	259	1	z2_
...uccuguacugagcugcUccgag.....	1383	1	z2_
...uccuguacugagcugcAccgag.....	245	1	z2_
...uccuguacugaAcugccccgag.....	1209	1	z2_
...uccuguacugagcGgccccgag.....	198	1	z2_
...uccuguacugagcugccccAagg.....	4	1	z2_
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...uccuAuacugagcugccccgagg.....	8	1	z2_
...uccAguacugagcugccccgagg.....	5	1	z2_
...uccuguacA <u>g</u> agcugccccgagg.....	6	1	z2_
...uccuguacugagc <u>U</u> cccgagg.....	2	1	z2_
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...uccuguacugagcugGccccgagg.....	1	1	z2_
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...uccuguaUugagcugccccgagg.....	8	1	z2_
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...uccugCacugagcugccccgagg.....	14	1	z2_
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...uccuguacC <u>g</u> agcugccccgagg.....	23	1	z2_
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...uccuguacugagcugccccgaUg.....	48	1	z2_
...Ccuguacugagcugccccgagg.....	38	1	z2_
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...uccuguacugagcugcccUgagg.....	10	1	z2_
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...uccuguacugagcugUcccgagg.....	10	1	z2_
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...uccuguacugagcGccccgagg.....	24	1	z2_
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...uccuguacugagcugccccgagA.....	171178	1	z2_
...uccuguacugagcugccccAgagg.....	4	1	z2_
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...Gccuguacugagcugccccgagg.....	4	1	z2_
...uccuguacugagcugccccgCgg.....	5	1	z2_
...uccugAacugagcugccccgagg.....	1	1	z2_
...uccuguacuA <u>g</u> agcugccccgagg.....	11	1	z2_
...uccuguacugagcugccAcgagg.....	1	1	z2_
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**hsa-miR-486-5p**

**hsa-miR-486-3p**

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...uccuguacugagcugccccgaggA.....	88	1	z2_
...uccuguacugagcugccccgaggU.....	251	1	z2_
...uccuguacugagcugccccgaggc.....	13	0	z2_
...uccuguacugagcugccccgaAgc.....	6	1	z2_
...uccuguacugagcugccccgagAc.....	124	1	z2_
...uccuguacugagcugccccgagUc.....	285	1	z2_
...uccuguacugagcugccccgaggG.....	11	1	z2_
...uccuguacugagcugccccgaggCc.....	3	1	z2_
...uccuguacugagcugccccgaggUcc.....	1	1	z2_
...uccuguacugagcugccccgaggUc.....	2	1	z2_
...uccuguacugagcugccccgaggCA.....	1	1	z2_
...ccuguacugagcugccccg.....	5	0	z2_
...ccuguacugagcugccccA.....	3	1	z2_
...Ucuguacugagcugccccg.....	3	1	z2_
...ccuguacugagcugccccga.....	12	0	z2_
...Ucuguacugagcugccccga.....	13	1	z2_
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...ccuguacuAagcugccccgag.....	1	1	z2_
...ccuguacugagcugccccUgag.....	1	1	z2_
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...ccugCacugagcugccccgag.....	1	1	z2_
...ccuguacugagcugccccgagU.....	15	1	z2_
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...ccuguacugagcugccccgAgA.....	22	1	z2_
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...cuguacugagcugccccg.....	10	0	z2_
...Cuguacugagcugccccga.....	21	0	z2_
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...CugCacugagcugccccgag.....	1	1	z2_
...cuguacugagcugUcccgag.....	1	1	z2_
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...cuguacugagcugccccUgag.....	2	1	z2_
...CCguacugagcugccccgag.....	2	1	z2_
...cuguacugagcugccccgag.....	90	0	z2_
...cuguacugUgcugccccgag.....	2	1	z2_
...cuguacugagcugccccGg.....	1	1	z2_
...CuguacugagCcccccgag.....	1	1	z2_
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...cuguacugagcugccccgagg.....	3	0	z2_
...cuguacugagcugccccgagA.....	34	1	z2_
...cuguacugagcAgccccgagg.....	2	1	z2_
...cuguacugagcugccccgaggU.....	2	1	z2_
...cuguacugagcugccccgaggc.....	1	0	z2_
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...uguacugagcugccccgag.....	1	0	z2_
...uguacugagcugccccgagU.....	2	1	z2_
...uguacugagcugccccgagg.....	1	0	z2_
...uguacugagcugccccgaggc.....	2	0	z2_
...guacugagcugccccgag.....	1	0	z2_
.....cggggcagcucaguacagga...	1	0	z2_