

hsa-miR-155-5p

cuGUAAUUGCUAUUCGUGAUAGGGGUUUUUGCCUCAACUGACUCCUACAUAUUAGCAUUUAACAG

... uaaugcuaaucgugauaggggAu.	3	1	Z3_
... uaaugcuaaucgugauagggguu.	3	0	Z3_
... uaaugcuaaucgugauagggguGu.	1	1	Z3_
... uaaugcuaaucgugauagggguuC.	1	1	Z3_
... uaaugcuaaucgugauaggggA.	1	1	Z3_
... uaaugcuaaucgugauaggggu.	1	0	Z3_
... uaaugcuaaucgugauagg.	1	1	Z2_
... uaaugcuaaucgugauagg.	4	0	Z2_
... uaaugcuaaucgugauaggg.	9	0	Z2_
... uaaugcuaaucgugauaggA.	10	1	Z2_
... uaaugcuaaucgugauagggA.	23	1	Z2_
... Cuaugcuaaucgugauagggg.	1	1	Z2_
... uaaugcuaaucgugauagggU.	5	1	Z2_
... uaaugcuaaucgugauagggg.	57	0	Z2_
... uaaugcuaaucgugauagggg.	2	1	Z2_
... uaaugcuaaucgugaCagggg.	1	1	Z2_
... uaaugcuaaucgugauagggC.	1	1	Z2_
... uaaugcuaaucgugauagggg.	1	1	Z2_
... uaaugcuaaucgugauaggggA.	43	1	Z2_
... uaaugcuaaucgugaAagggg.	1	1	Z2_
... uaaugcuaaucgugaCagggg.	1	1	Z2_
... uaaugcuaaucgugauagggg.	2	1	Z2_
... uaaugcuaaucgugauagggg.	1	1	Z2_
... uaaugcuaaucgugauaggggC.	12	1	Z2_
... uaaugcuaaucgugauaggggu.	261	0	Z2_
... uaaugcuaaucgugaagggg.	1	1	Z2_
... uaaugcuaaucgugaagggg.	5	1	Z2_
... uaaugcuaaucgugauaggggG.	3	1	Z2_
... uaaugcuaaucgugaagggg.	1	1	Z2_
... uCaaugcuaaucgugauagggg.	1	1	Z2_
... uaaugcuaaucgugaGgggg.	2	1	Z2_
... uaaugcuaaucgugauagggAu.	1	1	Z2_
... uaaugcuaaucgugauaggggu.	1	1	Z2_
... uaaugcuaaucgugaaggggu.	3	1	Z2_
... uaaugcuaaucgugauaggggAu.	4	1	Z2_
... uaaugcuaaucgugauagggguG.	1	1	Z2_
... uaaugcuaaucgugaaggggu.	1	1	Z2_
... uaaugcuaauUgugauaggggu.	9	1	Z2_
... Cuaugcuaaucgugauaggggu.	1	1	Z2_
... uaaugcuaaucgugauaggggC.	7	1	Z2_
... uaaugcuaaucgugauaggggA.	14	1	Z2_
... uaaugcuaaucgugaCaggggu.	1	1	Z2_
... uaaugcuaaucgugauaggggu.	126	0	Z2_
... uaaugcuaaucgugauaggggAu.	4	1	Z2_
... uaaugcuaaucgugauagggguAu.	2	1	Z2_
... uaaugcuaaucgugauagggguu.	1	0	Z2_
... uaaugcuaaucgugauagggguuu.	1	0	Z2_
... uaaugcuaaucgugauaggggAuuu.	3	1	Z2_
... uaaugcuaaucgugauaggggu.	2	0	Z2_
... uaaugcuaaucgugauaggggu.	2	0	Z2_
... uaaugcuaaucgugauaggg.	3	0	Z1_
... uaaugcuaaucgugauaggAg.	1	1	Z1_
... uaaCgcuauucgugauagggg.	2	1	Z1_
... uaaugcuaaucgugaagggg.	1	1	Z1_
... uaaugcuaaucgugauagggC.	1	1	Z1_
... uaaugcuaaucgugauagggA.	31	1	Z1_
... uaaugcuaaucgugauagggU.	5	1	Z1_
... Cuaugcuaaucgugauagggg.	1	1	Z1_
... uaaugcuaaucgugauagggg.	1	1	Z1_
... uaaugcuaaucgugauagggg.	89	0	Z1_
... uaaugcuaaucgugaGagggg.	1	1	Z1_
... uaaugcuaaucgugaagggg.	1	1	Z1_
... uaaugcuaaucgugaAaagggg.	3	1	Z1_
... uaaugcuaauUgugauagggg.	1	1	Z1_
... uaaugcuaaCcgugauagggg.	2	1	Z1_
... uaaugcuaaucgugauaggggu.	2	1	Z1_
... uaaugcuaaucgugauagggg.	297	0	Z1_

hsa-miR-155-5p

cuguaaugcuaaucuguaugggguuuugccuccacugaccuccuacauaugcauuaacag

... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> C	24	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A <u>u</u>	1	1	Z1_
... Aaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... Uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> U <u>g</u> g <u>g</u> g <u>u</u>	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaC <u>g</u> cu <u>a</u> u <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	5	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A	41	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> U <u>u</u>	2	1	Z1_
... C <u>u</u> aaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	3	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> C <u>u</u>	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> C <u>u</u>	2	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> G	3	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A <u>u</u>	4	1	Z1_
... uaaugcuaa <u>u</u> U <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	4	1	Z1_
... uaaugU <u>u</u> aaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaG <u>u</u> cu <u>a</u> u <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	2	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A <u>g</u> g <u>u</u>	1	1	Z1_
... uuG <u>u</u> cu <u>a</u> u <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> C	16	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	2	1	Z1_
... uaaugA <u>u</u> aaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	2	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A	5	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> A <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> C <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	2	1	Z1_
... C <u>u</u> aaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaG <u>g</u> cu <u>a</u> u <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A <u>g</u> u	1	1	Z1_
... uaaG <u>u</u> cu <u>a</u> u <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A <u>u</u>	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A <u>u</u>	4	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> G	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	143	0	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	2	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> G <u>u</u>	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A <u>u</u>	1	1	Z1_
... uaaugcuaG <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	9	0	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	1	0	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> A	1	1	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u> u	5	0	Z1_
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	18	0	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	18	0	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	18	0	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	35	0	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	35	0	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gA	7	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> A <u>g</u> g	2	1	GDM
... uaaugcuaG <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	1	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gA	7	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	35	0	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gA	7	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gU	1	1	GDM
... uaa <u>u</u> A <u>u</u> cu <u>a</u> u <u>g</u> u <u>a</u> g <u>g</u> g	1	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gA	41	1	GDM
... uaaugcuaa <u>u</u> U <u>g</u> u <u>a</u> g <u>g</u> g <u>g</u>	1	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gA	41	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gU	25	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gC	3	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gC	3	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	164	0	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> gU	25	1	GDM
... C <u>u</u> aaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	1	1	GDM
... uaaugcuaa <u>u</u> cu <u>g</u> u <u>a</u> g <u>g</u> g	164	0	GDM

hsa-miR-155-5p

cuguaaagcuaaagcuguaagggguuuuugcccaacugacuccuacauuuagcauuuacag

... uaaaugcuaaagcuguaagggU	25	1	GDM
... uaaaugcuaaagcGguaagggg	1	1	GDM
... uaaaugcuaaagcuguaAaggg	2	1	GDM
... uaaaugcuaaagcuguaagUgg	1	1	GDM
... uaaaugcuaaagcuguaCgggg	1	1	GDM
... uaaaugcuaaagcuguaagggA	41	1	GDM
... uaaaugcuaaagcuguaagAgg	1	1	GDM
... uaaaugcuaaagcGuaagggg	1	1	GDM
... uaaaugcuaaagcuguaagggg	164	0	GDM
... uaaaugcuaGucguguaagggg	3	1	GDM
... uaaaugcuaaagcuguaaggggu	408	0	GDM
... uaaaugcuaaagcuguaaggggA	55	1	GDM
... uaaaugcuaaagcuguaaggggG	4	1	GDM
... uaaaugcuaaagcuguaaggggA	55	1	GDM
... uaaaugcuaaagcuguaagggAgu	2	1	GDM
... uaaaugcuaUucguguaaggggu	3	1	GDM
... uaaaugcuaaCcguaaggggu	1	1	GDM
... uaaGugcuaaagcuguaaggggu	1	1	GDM
... uaaaugcuaaagcuguaaggggA	55	1	GDM
... uaaaugcuaaagcuguaGgggggu	1	1	GDM
... Cuaaagcuaaagcuguaaggggu	3	1	GDM
... uaaaugcuaaagcuguaaggggu	408	0	GDM
... uaaaugcuaaagcuguaaggggUu	4	1	GDM
... uaaaugcuaaagcuguaaggggC	22	1	GDM
... uaaaugcuaaagcugGuaaggggu	3	1	GDM
... uaaaugcuaaagcuguaaggggG	4	1	GDM
... uaaaugcuaaagcuguaUgggggu	2	1	GDM
... uaaaugUuaaagcuguaaggggu	1	1	GDM
... uaaaCgcuaaagcuguaaggggu	2	1	GDM
... uCaaagcuaaagcuguaaggggu	2	1	GDM
... uaaaugcuaaagcuguaaggggC	22	1	GDM
... uaaaugcuaaagcuguaaggggu	408	0	GDM
... uaaaAacuaaagcuguaaggggu	1	1	GDM
... uaaaugcuaaagcuguaaggggG	4	1	GDM
... uaaaugcuaaagcGuaaggggu	1	1	GDM
... uaaaugcuaUucguguaaggggu	3	1	GDM
... uaaaugcuaaagcuguaaggggAu	1	1	GDM
... uaaaugcuaaagcugGuaaggggu	3	1	GDM
... uaaaugcuaaauGguguaaggggu	1	1	GDM
... uaaaugcuaaagcAaguaaggggu	1	1	GDM
... uaaaugcuaaagcuguaaggggUu	4	1	GDM
... Cuaaagcuaaagcuguaaggggu	3	1	GDM
... uaaaugcuaaagcuguaaggggC	22	1	GDM
... Auaaagcuaaagcuguaaggggu	1	1	GDM
... uaaaugcuaaCcguaagggguu	1	1	GDM
... uaaaugcuaaagcuguaaggggA	19	1	GDM
... uaaaAacuaaagcuguaagggguu	1	1	GDM
... uaaaugcuaaagcuguaaggggAuu	6	1	GDM
... Cuaaagcuaaagcuguaagggguu	2	1	GDM
... Auaaagcuaaagcuguaagggguu	1	1	GDM
... uaaaugcCaaagcuguaagggguu	3	1	GDM
... uaaaugcuaaagcuguaaggggCu	14	1	GDM
... uaaaugcuaaagcuguaaggggCu	5	1	GDM
... uaaaugcuaaagcGuaagggguu	1	1	GDM
... uaaaugcuaaagcuguaaggggA	19	1	GDM
... uaaGugcuaaagcuguaagggguu	1	1	GDM
... uaaaugcuaaagcuguaaggggAu	7	1	GDM
... uaaaugcuaaagcAaguaagggguu	1	1	GDM
... uaaaugcuaaagcuguaaggggGu	1	1	GDM
... uaaaugcCaaagcuguaagggguu	3	1	GDM
... uaaaCgcuaaagcuguaagggguu	4	1	GDM
... uaaaugcuaaagcuguaagggguu	170	0	GDM
... uaaaugcuaaagcuguaaggggAu	7	1	GDM
... uaaaugcuaaagcuguaaggggCu	14	1	GDM
... uaaaugcuaaauGguguaagggguu	6	1	GDM
... Cuaaagcuaaagcuguaagggguu	2	1	GDM
... uaaaugcCaaagcuguaagggguu	3	1	GDM
... uaaaugcuaaagcuguaagggguu	170	0	GDM
... uaaaugcuaaagcuguaaggggA	19	1	GDM

hsa-miR-155-3p

hsa-miR-155-5p

cuguaaugcuaaucgugauagggguuuuugccucaacugacuccuacauauagcauuaacag

... uaaugcuaa <u>u</u> cgugauagggguu.....	170	0	GDM
... uaaugcuaa <u>u</u> cgugauagggguC.....	14	1	GDM
... uaaugcuaa <u>u</u> cgugauagggguG.....	1	1	GDM
... uaaugcuaa <u>u</u> cgugauaggggu <u>A</u> u.....	1	1	GDM
... uaaugcuaa <u>u</u> cgugauagggguuu.....	18	0	GDM
... uaaugcuaa <u>u</u> cgugauagggguuu.....	18	0	GDM
... uaaugcuaa <u>u</u> cgugauaggggu <u>A</u> u.....	2	1	GDM
... uaaugcuaa <u>u</u> cgugauagggguu <u>C</u>	1	1	GDM
... uaaugcua <u>G</u> ucgugauagggguuu.....	1	1	GDM
... uaaugcuaa <u>u</u> cgugauagggguuu.....	18	0	GDM
... uaaugcuaa <u>u</u> cgugauagggguu <u>C</u>	1	1	GDM
... uaaugcuaa <u>u</u> cgugauaggggu <u>A</u> u.....	3	1	GDM
... uaaugcuaa <u>u</u> cgugauagggguuu.....	9	0	GDM
... uaaugcuaa <u>u</u> cgCg <u>a</u> uagggg.....	1	1	GDM
... uaaugcuaa <u>u</u> cgugauagggg.....	1	0	GDM
... uaaugcuaa <u>u</u> cgugauaggggu.....	1	0	GDM
... uaaugcuaa <u>u</u> cgugauaggggu <u>A</u>	1	1	GDM