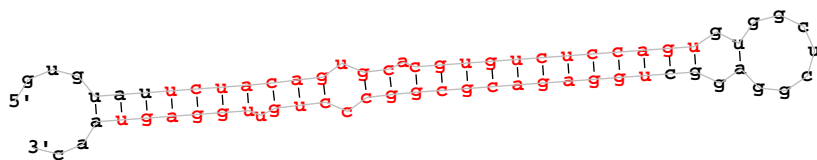


miRBase precursor : hsa-mir-139
 Total read count : 6395
 hsa-miR-139-5p read count : 6304
 hsa-miR-139-3p read count : 90
 remaining reads : 1



hsa-miR-139-3p

hsa-miR-139-5p

5' -	3' -	exp	reads	mm	sample
guguauuc <u>uacagugcacgugucuccag</u> ugggcucggaggcuggagacgcgcccguguggaguaac					
...(((((((((((.(.((((((((((((((.(.....).))))))))))))))))))))))..					
.....uc <u>uacagugcacgugucucc</u>			4	0	Z3_
.....uc <u>uacagugcacgugucuccag</u>			9	0	Z3_
.....uc <u>uacagCg</u> cacgugucuccagu.....			4	1	Z3_
.....uc <u>uacagugcacgCg</u> ucuccagu.....			3	1	Z3_
.....uc <u>Cacagugcacgugucuccag</u>			2	1	Z3_
.....uc <u>uacagugcacgugucucca</u> Au.....			2	1	Z3_
.....uc <u>uacagugcGc</u> gugucuccagu.....			9	1	Z3_
.....uc <u>uacagugU</u> acgugucuccagu.....			1	1	Z3_
.....uc <u>uacagugcacgugucuccGg</u>			5	1	Z3_
.....uc <u>uacagugcacgugucuccag</u> A.....			13	1	Z3_
.....C <u>cuacagugcacgugucuccag</u>			3	1	Z3_
.....uc <u>uacagugcacgugucucU</u> agu.....			1	1	Z3_
.....uc <u>uacagugcacgugucuccagG</u>			5	1	Z3_
.....uc <u>uacagugcacgugucuccag</u>			688	0	Z3_
.....uc <u>uUcagugcacgugucuccag</u>			1	1	Z3_
.....uc <u>uacagugcacg</u> Aucuccagu.....			2	1	Z3_
.....uc <u>uacUgugcacgugucuccag</u>			1	1	Z3_
.....uc <u>uacaAugcacgugucuccag</u>			1	1	Z3_
.....uc <u>uGcagugcacgugucuccag</u>			1	1	Z3_
.....uc <u>uacagugcaUg</u> ugucuccagu.....			1	1	Z3_
.....uc <u>uacagugcacgugucCccag</u>			4	1	Z3_
.....uc <u>uacagugcacAug</u> ucuccagu.....			2	1	Z3_
.....uc <u>uacagugcacgugAc</u> uccagu.....			2	1	Z3_
.....uc <u>uacagugcaGg</u> ugucuccagu.....			2	1	Z3_
.....uc <u>uacGgugcacgugucuccag</u>			6	1	Z3_
.....uc <u>uacagugcacgGg</u> ucuccagu.....			1	1	Z3_
.....uc <u>uacagugcacgugCcu</u> ccagu.....			8	1	Z3_
.....uc <u>uacagugcacgugucCg</u>			1	1	Z3_
.....uc <u>uacagugcacgugucuccagC</u>			38	1	Z3_
.....uc <u>uacagula</u> cagugucuccagu.....			4	1	Z3_
.....u <u>Uuacagugcacgugucuccag</u>			1	1	Z3_
.....uc <u>uacagugcacgugucuccaguU</u>			16	1	Z3_
.....uc <u>uacagugcacgugucuccaguA</u>			1	1	Z3_
.....u <u>acagugcacgugucuccagC</u>			1	1	Z3_

hsa-miR-139-5p

guguauucucacagugcacgugucuccagugggcucggaggcuggagacgcgcccguguggaguaac

.....uacagugcacgugucuccagu.....	1	0	Z3_
.....uacagugcacgugucuccagA.....	1	1	Z3_
.....uggagacgcgcccguguggagu..	9	0	Z3_
.....uggagacgcgcccguguggaguU..	3	1	Z3_
.....ucucacagugcacgugucU.....	5	1	Z2_
.....ucucacagugcacgugucc.....	7	0	Z2_
.....ucucacagugcacgugucucca.....	5	0	Z2_
.....ucucacagugcacAugucuccag.....	4	1	Z2_
.....ucucacagugcacgugucuccGg.....	1	1	Z2_
.....ucucacagugcacgugucuccaA.....	3	1	Z2_
.....ucucacagugcacgugucuccag.....	17	0	Z2_
.....ucucacagugcacgugucuccagA.....	2	1	Z2_
.....ucucacagugcacgugucuccagC.....	46	1	Z2_
.....ucucacagugcacgugucuccagU.....	1	1	Z2_
.....ucucacagugcacgugucuccagU.....	5	1	Z2_
.....CucacagugcacgugucuccagU.....	2	1	Z2_
.....ucucacagugcacgugCuccagU.....	4	1	Z2_
.....ucucacagugcacgugucuccagU.....	9	1	Z2_
.....ucucacagugcacgugucuccagU.....	688	0	Z2_
.....ucucacagugcacgugucuccagU.....	3	1	Z2_
.....ucucacagugcacgugucuccGgu.....	6	1	Z2_
.....ucAacagugcacgugucuccagU.....	2	1	Z2_
.....ucucacagugcacgugucuccagU.....	2	1	Z2_
.....ucucacagugcacgugucuccagA.....	6	1	Z2_
.....ucucacagugcacgugucuccagU.....	2	1	Z2_
.....ucucacagugcacgugucuccagG.....	3	1	Z2_
.....uUucacagugcacgugucuccagU.....	2	1	Z2_
.....ucucacagugcacgugucuccagU.....	3	1	Z2_
.....ucucacagugcacgugucuccagU.....	1	1	Z2_
.....GcucacagugcacgugucuccagU.....	1	1	Z2_
.....ucucacagugcacAugucuccagU.....	1	1	Z2_
.....ucucacaAugcacgugucuccagU.....	4	1	Z2_
.....ucucacagugcacgugucuccagU.....	1	1	Z2_
.....ucucacagugcacgugucuccagU.....	2	1	Z2_
.....ucucacagugcacgugucuccagU.....	1	1	Z2_
.....ucucacagCgacgugucuccagU.....	3	1	Z2_
.....AcucacagugcacgugucuccagU.....	2	1	Z2_
.....uAucacagugcacgugucuccagU.....	1	1	Z2_
.....ucucacagugcacgugucuccagU.....	4	1	Z2_
.....ucucacagugcacgugucuccagU.....	2	1	Z2_
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.....ucucacagugcacgugucuccagU.....	13	0	Z2_
.....ucucacagugcacgugucU.....	1	1	Z1_
.....ucucacagugcacgugucA.....	2	1	Z1_
.....ucucacagugcacgugucucc.....	8	0	Z1_
.....ucucacagugcacgugucucca.....	2	0	Z1_
.....ucucacagugcacgugucuccaU.....	1	1	Z1_
.....ucucacagugcacgugucuccaA.....	2	1	Z1_
.....ucucacagCgacgugucuccag.....	1	1	Z1_
.....ucucacCgugcacgugucuccag.....	1	1	Z1_
.....ucucacagugcacgugucuccag.....	19	0	Z1_
.....ucucacagugUacgugucuccagU.....	1	1	Z1_
.....ucucacagugcacgugucuccagU.....	8	1	Z1_
.....ucucacagugcacgugucuccagU.....	6	1	Z1_
.....ucucacagugcacgugucuccagA.....	36	1	Z1_
.....ucucacagugcacgugucuccGgu.....	7	1	Z1_
.....ucucacagugcacgugucuccagU.....	3	1	Z1_
.....ucucacagAgcacgugucuccagU.....	2	1	Z1_
.....ucucacaCugcacgugucuccagU.....	1	1	Z1_
.....ucucacagugcacgugucuccaUu.....	3	1	Z1_
.....ucucCagugcacgugucuccagU.....	4	1	Z1_
.....AcucacagugcacgugucuccagU.....	5	1	Z1_
.....ucucacaAugcacgugucuccagU.....	4	1	Z1_
.....ucucacagCgacgugucuccagU.....	8	1	Z1_
.....ucucacagugcacgugucuccagU.....	1	1	Z1_
.....ucucacagugcacgugucuccagU.....	1	1	Z1_

guguauucucacagugcacgugucuccagugggcucggaggcuggagacgcgcccguguggaguaac

.....ucucacaguCcacgugucuccagu.....	1	1	Z1_
.....ucUGacagugcacgugucuccagu.....	4	1	Z1_
.....uUuacagugcacgugucuccagu.....	6	1	Z1_
.....ucuaUagugcacgugucuccagu.....	2	1	Z1_
.....ucucacaguuAcacgugucuccagu.....	5	1	Z1_
.....ucucacagugcacgugCcuuccagu.....	15	1	Z1_
.....ucucacagugcaUgugucuccagu.....	4	1	Z1_
.....ucucacagugcacgugucUagu.....	4	1	Z1_
.....ucucacagugcacgugucuccaCu.....	3	1	Z1_
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.....ucCacagugcacgugucuccagu.....	7	1	Z1_
.....ucucacagugcacgAgucuccagu.....	1	1	Z1_
.....ucucacagugcacgugucuccagC.....	177	1	Z1_
.....ucucacagugcGcgugucuccagu.....	8	1	Z1_
.....ucucacagugcacgugucAccagu.....	4	1	Z1_
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.....Ccuacagugcacgugucuccagu.....	8	1	Z1_
.....ucucacagugcacgugucuccagG.....	10	1	Z1_
.....ucGacagugcacgugucuccagu.....	1	1	Z1_
.....ucucacagugcacgugucuccaguC.....	3	1	Z1_
.....ucucacagugcacgugucuccaguA.....	1	1	Z1_
.....ucucacagugcacgugucuccaguU.....	7	1	Z1_
.....ucucacagugcacgugucuccaguAu.....	3	1	Z1_
.....uggagacgcgcccguguggagC...	1	1	Z1_
.....uggagacgcgcccguguggagu...	18	0	Z1_
.....uggUGacgcgcccguguggagu...	2	1	Z1_
.....uggagacgcgcccgugCggagu...	1	1	Z1_
.....uggagacgcgcccguguggagua..	1	0	Z1_
.....uggagacgcgcccguguggaguU..	3	1	Z1_
.....ggagacgcgcccguguggagu...	4	0	Z1_
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.....ucucacagugcacgugucucU.....	15	1	GDM
.....Ccuacagugcacgugucucc.....	3	1	GDM
.....ucucacagugcacgugucucU.....	15	1	GDM
.....ucucacagugcacgugucucc.....	22	0	GDM
.....ucucacagugcacgCgucucc.....	1	1	GDM
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.....ucucacagugcacgugucucca.....	10	0	GDM
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.....ucucacagugcacgugucuccC.....	1	1	GDM
.....ucucacagugcacgugucucca.....	10	0	GDM
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.....ucucacagugcacgugucuccagA.....	65	1	GDM
.....ucucacagugcGcgugucuccagu.....	10	1	GDM
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.....ucucacagugcGcgugucuccagu.....	10	1	GDM
.....ucucacUgugcacgugucuccagu.....	5	1	GDM
.....ucucacaguuAcacgugucuccagu.....	6	1	GDM
.....ucUacagugcacgugucuccagu.....	1	1	GDM
.....ucucacagugcaUgugucuccagu.....	8	1	GDM
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.....Acucacagugcacgugucuccagu.....	3	1	GDM
.....ucucacagugGacgugucuccagu.....	1	1	GDM
.....ucucacaguuAcacgugucuccagu.....	6	1	GDM

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.....ucucacagAgcacgugucuccagu.....	1	1	GDM
.....ucucacGgugcacgugucuccagu.....	12	1	GDM
.....ucucacagugcacgugucAccagu.....	4	1	GDM
.....ucuaUagugcacgugucuccagu.....	2	1	GDM
.....ucucacagugcacgugucuccUgu.....	2	1	GDM
.....uAuacagugcacgugucuccagu.....	3	1	GDM
.....Gcuacagugcacgugucuccagu.....	2	1	GDM
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.....ucucacagCgcacgugucuccagu.....	11	1	GDM
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.....ucucacagugcacgCgucuccagu.....	20	1	GDM
.....ucucacagugcacgugucuccagu.....	1850	0	GDM
.....ucucacagugcacgugCuccagu.....	12	1	GDM
.....ucucacUgugcacgugucuccagu.....	5	1	GDM
.....ucucacagugcacgugucuccagC.....	116	1	GDM
.....ucucacagugcacgugucuccagG.....	4	1	GDM
.....ucucacagugcacgugucuccagC.....	116	1	GDM
.....ucucacagugcacgAgucuccagu.....	3	1	GDM
.....ucucacagugcacgugucUcagu.....	1	1	GDM
.....ucCacagugcacgugucuccagu.....	6	1	GDM
.....ucucacagugcacgugucuccGgu.....	7	1	GDM
.....ucucacagCgcacgugucuccagu.....	11	1	GDM
.....ucucacUgugcacgugucuccagu.....	5	1	GDM
.....ucucacagugcacgugucuccagu.....	7	1	GDM
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.....ucucacaAugcacgugucuccagu.....	2	1	GDM
.....ucucacagugcacgugucuccagu.....	7	1	GDM
.....ucucacagugAacgugucuccagu.....	1	1	GDM
.....ucucacagugcacgugucuccagu.....	1850	0	GDM
.....ucucacagugcacgucAucuccagu.....	3	1	GDM
.....ucucacagugcacgCgucuccagu.....	20	1	GDM
.....ucucacagugcacgugucUcagu.....	1	1	GDM
.....ucCacagugcacgugucuccagu.....	6	1	GDM
.....ucucacagugcacgugucCccagu.....	10	1	GDM
.....ucucacagugcacgugucuccagu.....	1850	0	GDM
.....Ccuacagugcacgugucuccagu.....	11	1	GDM
.....ucucacagugcacgugucuccagA.....	65	1	GDM
.....ucucacagugcacgugCuccagu.....	12	1	GDM
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.....ucucacagugcaUgugucuccagu.....	8	1	GDM
.....ucGacagugcacgugucuccagu.....	1	1	GDM
.....ucucacaAugcacgugucuccagu.....	2	1	GDM
.....ucucacagugcUcgugucuccagu.....	3	1	GDM
.....ucucacagugcacAugucuccagu.....	5	1	GDM
.....ucucacaUgacagugucuccagu.....	2	1	GDM
.....ucucacagugcacgugucuccaguU.....	17	1	GDM
.....ucucacagugcacgugucuccaguU.....	17	1	GDM

guguauucucacagugcacgugucccagugggcucggagggcuggagacgcgggcccuguuggaguaac

.....uc <u>uc</u> acagugc <u>ac</u> guguc <u>cc</u> ag <u>A</u>	11	1	GDM
.....uc <u>uc</u> acagugc <u>ac</u> guguc <u>cc</u> ag <u>U</u>	17	1	GDM
.....uc <u>uc</u> acagugc <u>ac</u> guguc <u>cc</u> ag <u>A</u>	11	1	GDM
.....uc <u>uc</u> acagugc <u>ac</u> guguc <u>cc</u> ag <u>A</u>	11	1	GDM
.....uc <u>uc</u> acagugc <u>ac</u> guguc <u>cc</u> ag <u>C</u>	1	1	GDM
.....uc <u>uc</u> acagugc <u>ac</u> guguc <u>cc</u> ag <u>U</u>	2	1	GDM
.....uc <u>uc</u> acagugc <u>ac</u> guguc <u>cc</u> ag <u>U</u>	2	1	GDM
.....ccagugggcucggagggc <u>ugg</u> agacg.....	1	0	GDM
.....uggagacg <u>cg</u> ggcc <u>cu</u> gu <u>ugg</u>	1	0	GDM
.....uggagacg <u>cg</u> ggccUgu <u>ugg</u> ag <u>u</u> ..	1	1	GDM
.....uggagacg <u>cg</u> ggccugCu <u>gg</u> ag <u>u</u> ..	1	1	GDM
.....uggagacg <u>cg</u> ggcc <u>cu</u> gu <u>ugg</u> ag <u>C</u> ..	2	1	GDM
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.....uggagacg <u>cg</u> ggcc <u>cu</u> gu <u>ugg</u> ag <u>U</u> ..	12	1	GDM
.....uggagacg <u>cg</u> ggcc <u>cu</u> gu <u>ugg</u> ag <u>U</u> ..	12	1	GDM
.....agacg <u>cg</u> ggcc <u>cu</u> gu <u>ugg</u> ag <u>U</u> ..	1	1	GDM