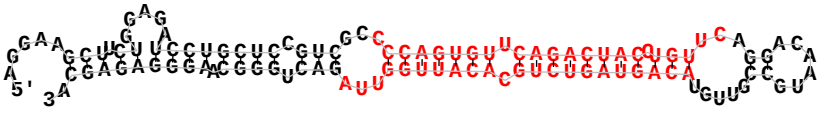
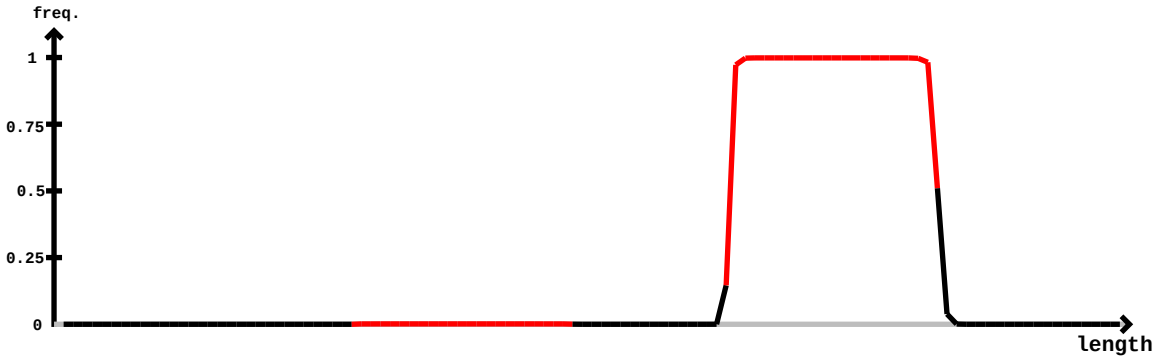
miRBase precursor : hsa-mir-199a-2
Total read count : 897004
hsa-miR-199b-3p read count : 895784
hsa-miR-199a-3p read count : 895784
hsa-miR-199a-5p read count : 1214
remaining reads : 895790





hsa-miR-199a-5p
hsa-miR-199b-3p
hsa-miR-199a-3p

```
5'- aggaagcuucuggagauccugcuccgucgcCCCAGUGUUCAGACUACCUGUUCaggacaaugccguuguACAGUAGUCUGCACAUUGGUUAgacugggcaagggagagca -3'
    .....(((.((.....(((((((((.(((...(((((((.(((((((((.(((...((......)).....)))))))))).)))))))...))).)))))..)))))))))).
```

	reads	mm	sample
....CCCAGUGUUCAGACUACC....	3	0	hsa
....CCCAGUGUUCAGACUACCU....	9	0	hsa
....CCCAGUGUUCAGACUACCUG....	5	0	hsa
....CCCAGUGUUCAGACUACCUCu....	1	1	hsa
....CCCAGUGUUCAGACGACCUGU....	1	1	hsa
....UCCAGUGUUCAGACUACCUGU....	1	1	hsa
....CCCAGUGUUCAGACUACCUUu....	1	1	hsa
....CCCAGUGUUCAGACUACCUGU....	41	0	hsa
....CCCAGUGUUUAGACUACCUGU....	2	1	hsa
....CCCAGUGGUCAGACUACCUGUU....	2	1	hsa
....CCCAGUGUUUAGACUACCUGUU....	5	1	hsa
....CCCAGUGUUCAGACUACCUGUA....	1	1	hsa
....CCCAGUGUCCAGACUACCUGUU....	1	1	hsa
....CCCAGUGUUCAGACUACCUGUC....	1	1	hsa
....CCCAGUGUUCAGCCUACCUGUU....	1	1	hsa
....CCCAGUGUUCCGACUACCUGUU....	2	1	hsa
....GCCAGUGUUCAGACUACCUGUU....	1	1	hsa
....CCCAGUGUUCAGAUUACCUGUU....	4	1	hsa
....CCCAGUGUUCACACUACCUGUU....	3	1	hsa
....CCCAGUGUUCAGACUACCUGUU....	679	0	hsa
....CCCGGUGUUCAGACUACCUGUU....	1	1	hsa
....CACAGUGUUCAGACUACCUGUU....	1	1	hsa
....CCCAGUGUUGAGACUACCUGUU....	1	1	hsa
....UCCAGUGUUCAGACUACCUGUU....	3	1	hsa
....CCCAGUGUUAAGACUACCUGUU....	1	1	hsa
....CCCAGUGUUCAGACUAGCUGUU....	1	1	hsa
....CCCAGUGUUCAGACUACCUUUu....	3	1	hsa
....CGCAGUGUUCAGACUACCUGUU....	1	1	hsa
....CCUAGUGUUCAGACUACCUGUU....	1	1	hsa
....CCCAGUGUUCAGACGACCUGUU....	1	1	hsa
....CCCAGUUUUCAGACUACCUGUU....	2	1	hsa
....CCCAGUGUUCAGAGUACCUGUU....	1	1	hsa
....CCCAGUGUUCAGACUCCCUGUU....	5	1	hsa



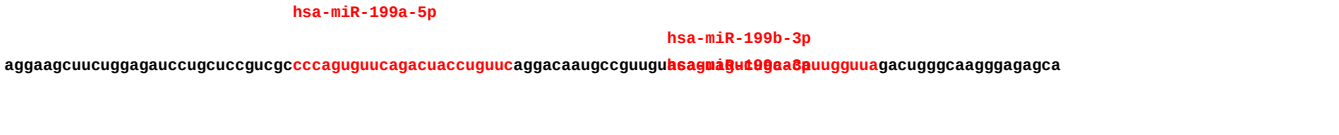
.....cccaguguucagacuGccuguu.....	1	1	hsa
.....ccGaguguucagacuaccuguu.....	1	1	hsa
.....cccaguguucagacuaUcuguu.....	3	1	hsa
.....cccCguguucagacuaccuguu.....	1	1	hsa
.....cccaguguucaUacuaccuguu.....	11	1	hsa
.....cccaguguucagacuaUcuguuc.....	2	1	hsa
.....cccCguguucagacuaccuguuc.....	2	1	hsa
.....cccaguguucagacuaccAguuc.....	1	1	hsa
.....cccaguguucaCacuaccuguuc.....	1	1	hsa
.....cccaguguucagacuaccuAuuc.....	1	1	hsa
.....cccaguguucagacuaccGguuc.....	1	1	hsa
.....cUcaguguucagacuaccuguuc.....	1	1	hsa
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.....cccaguguucagacuaccuUuuc.....	5	1	hsa
.....cccagGguucagacuaccuguuc.....	1	1	hsa
.....cccaguguucagacuaccuguuA.....	20	1	hsa
.....cccagugAucagacuaccuguuc.....	1	1	hsa
.....cccaguguucagacuaccuguuU.....	62	1	hsa
.....cccagCguucagacuaccuguuc.....	1	1	hsa
.....cccaguguucagacuaccugAuc.....	1	1	hsa
.....cccaguguucaUacuaccuguuc.....	2	1	hsa
.....cccaguguucagacuaGcuguuc.....	1	1	hsa
.....cccagugGucagacuaccuguuc.....	1	1	hsa
.....ccUaguguucagacuaccuguuc.....	1	1	hsa
.....cccaguguucagacuCccuguuc.....	1	1	hsa
.....cccaguguucaAacuaccuguuc.....	1	1	hsa
.....cccaguguucagacuaccuguuca.....	13	0	hsa
.....cccaguguucagacuaccuguuAa.....	2	1	hsa
.....cccaguguucagacuaccuguucU.....	10	1	hsa
.....cccaguguucagacuaccuguucaU.....	2	1	hsa
.....cccaguguucagacuaccuguucaA.....	4	1	hsa
.....cccaguguucagacuaccuguucUgga.....	2	1	hsa
.....ccaguguucagacuaccuguu.....	4	0	hsa
.....ccaguguucagacuaccuguuc.....	1	0	hsa
.....caguguucagacuaccuguu.....	4	0	hsa
.....caguguucagacuaccuguuc.....	1	0	hsa
.....uCuacaguagucugcacauugguu.....	6	1	hsa
.....Uuacaguagucugcacauuggu.....	3	1	hsa
.....Cuacaguagucugcacauuggu.....	1	1	hsa
.....gGacaguagucugcacauugguu.....	1	1	hsa
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.....guacaguagAcugcacauugguu.....	2	1	hsa
.....Auacaguagucugcacauugguu.....	6	1	hsa
.....guacCguagucugcacauugguu.....	1	1	hsa
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.....guacaguagucugcacauuUguua.....	1	1	hsa
.....guacaguagucugcacauugguua.....	13	0	hsa
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.....Cuacaguagucugcacauugguua.....	3	1	hsa
.....guacaguagucugcacauugguuU.....	4	1	hsa
.....guacaguagucugcacauugguuaA.....	1	1	hsa
.....guacaguagucugcacauugguuaAa.....	2	1	hsa
.....uacaguagucugcacauu.....	11	0	hsa
.....uacaguagucAgcacauu.....	1	1	hsa
.....uacaguagucugcacauug.....	19	0	hsa
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.....uCcaguagucugcacauugg.....	1	1	hsa
.....uacaguagucugcacCuugg.....	1	1	hsa
.....uacaguagucugcacauuAg.....	1	1	hsa
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.....uacaguagucugcGcauugg.....	1	1	hsa
.....uacaguagucCgcacauugg.....	1	1	hsa
.....uacaguagAcugcacauugg.....	2	1	hsa
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hsa-miR-199a-5p

hsa-miR-199b-3p

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.....uacaguagucuUcacauugg.....	1	1	hsa
.....uacaguagucugcUcauugg.....	1	1	hsa
.....uacaguagucugcacauuUg.....	2	1	hsa
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.....uacaguagucugcaGauugg.....	1	1	hsa
.....uacCguagucugcacauugg.....	2	1	hsa
.....uacaguagucugcacauugA.....	1	1	hsa
.....uacaguaguUugcacauuggu.....	6	1	hsa
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.....uacaguagAcugcacauuggu.....	5	1	hsa
.....uacaUuagucugcacauuggu.....	5	1	hsa
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.....uacGguagucugcacauuggu.....	4	1	hsa
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.....uacaguagucugcaAauuggu.....	1	1	hsa
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.....uacaguagucCgcacauuggu.....	2	1	hsa
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.....uacaguagucugcacauuggGu.....	211	1	hsa
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.....uacaguCgucugcacauugguu.....	129	1	hsa
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.....uacaguagucugcacauuggCu.....	123	1	hsa
.....Aacaguagucugcacauugguu.....	120	1	hsa
.....uacUguagucugcacauugguu.....	53	1	hsa
.....Cacaguagucugcacauugguu.....	187	1	hsa
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.....uacaguaguUugcacauugguu.....	124	1	hsa
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.....uacaguagucugcacauuggAu.....	63	1	hsa
.....uacaguagucugcCcauugguu.....	86	1	hsa
.....uacaguagucugcacauugCuu.....	42	1	hsa
.....uacaguagucCgcacauugguu.....	74	1	hsa
.....uacaguagucugGacauugguu.....	10	1	hsa
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hsa-miR-199a-5p

hsa-miR-199b-3p

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.....uacaguagucugcacauCgguua.....	8	1	hsa
.....uacaguagucugcaAauugguua.....	11	1	hsa
.....uacaguagCcugcacauugguua.....	14	1	hsa
.....uaUaguagucugcacauugguua.....	26	1	hsa
.....uacaguagucugcUcauugguua.....	24	1	hsa
.....uacaguagucuCcacauugguua.....	12	1	hsa
.....uacaguCgucugcacauugguua.....	35	1	hsa
.....uacaguagucugcacauuggAua.....	106	1	hsa
.....uacaguagucugcacauuCguua.....	22	1	hsa
.....uacaguagucugcacUuugguua.....	7	1	hsa
.....uacaguagAcugcacauugguua.....	18	1	hsa
.....uacaguagucugcacauugguCa.....	32	1	hsa
.....uacaguagucugcGcauugguua.....	16	1	hsa
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.....uacaguagucugcCcauugguua.....	15	1	hsa
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.....uacaAuagucugcacauugguua.....	7	1	hsa
.....uacaCuagucugcacauugguua.....	9	1	hsa
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.....uacUguagucugcacauugguua.....	5	1	hsa
.....uacaguagucugcacauugguGa.....	7	1	hsa
.....uacaguagucugcacauugguuC.....	61	1	hsa
.....uacaguagucugcacaCugguua.....	6	1	hsa
.....uacaguagucugUacauugguua.....	23	1	hsa
.....Aacaguagucugcacauugguua.....	18	1	hsa
.....uacaguUgucugcacauugguua.....	2	1	hsa
.....uacaguGgucugcacauugguua.....	9	1	hsa
.....uacaguagucugcaGauugguua.....	20	1	hsa
.....uacaguaCucugcacauugguua.....	11	1	hsa
.....uacaguaguAugcacauugguua.....	49	1	hsa
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.....uacaguagucugcacauuggGua.....	14	1	hsa
.....uacaguagucugAacauugguua.....	3	1	hsa
.....uacaguagucCgcacauugguua.....	26	1	hsa
.....uacaguagucugcaUauugguua.....	25	1	hsa
.....uacaguagucGgcacauugguua.....	6	1	hsa
.....uGcaguagucugcacauugguua.....	6	1	hsa
.....uacaguagucugcacauugguua.....	18103	0	hsa
.....uacaguagucugcacauugAuua.....	7	1	hsa
.....uacaguagucugcacauugguuUg.....	3	1	hsa
.....uacaguagucugcacauugguuaA.....	815	1	hsa
.....uacaguagucugcacauugguuag.....	20	0	hsa
.....uacaguagucugcacauugguuCg.....	1	1	hsa
.....uacaguagucugcUcauugguuag.....	1	1	hsa

hsa-miR-199a-5p

hsa-miR-199b-3p

aggaagcuucuggagauccugcuccgucgccccaguguucagacuaccuguucaggacaaugccguuguhsa-miR-199a-3p

gacugggcaagggagagca

.....uacaguagucugcacauugguuaC.....	8	1	hsa
.....uacaguagucugcacauugguuaU.....	1057	1	hsa
.....uacaguagucugcacauugguuaga.....	3	0	hsa
.....uacaguagucugcacauugguuaUa.....	7	1	hsa
.....uacaguagucugcacauugguuagU.....	1	1	hsa
.....uacaguagucugcacauugguuaAa.....	36	1	hsa
.....uacaguagucugcacauugguuCgac.....	2	1	hsa
.....uacaguagucugcacauugguuagaU.....	1	1	hsa
.....acaguagucugcacauuC.....	1	1	hsa
.....acaguagucugcacauug.....	59	0	hsa
.....acaguagucugcacauuA.....	8	1	hsa
.....acaguagucugcacauuU.....	13	1	hsa
.....aUaguagucugcacauugg.....	3	1	hsa
.....acaUuagucugcacauugg.....	9	1	hsa
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.....acaguagucugcacauugA.....	4	1	hsa
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caguagucugcacauuggGua	28	1	hsa
caguaAucugcacauuggUua	3	1	hsa
caguagucugcacaGuggUua	18	1	hsa
cagGagucugcacauuggUua	24	1	hsa
caguagucugcacCuuggUua	19	1	hsa
cUguagucugcacauuggUua	5	1	hsa
caguagucugcacauuggAua	84	1	hsa
caguagucuAcacauuggUua	41	1	hsa
caguagucugcacauuggUuU	1418	1	hsa
caguagCcugcacauuggUua	8	1	hsa
caAuagucugcacauuggUua	6	1	hsa
caguaguUugcacauuggUua	21	1	hsa
caguagucugcacauuggUCa	7	1	hsa
caguagucugAacauuggUua	2	1	hsa
caguagucugcacauuggUAa	4	1	hsa
caguagucugcacauCgguua	10	1	hsa
caguaUucugcacauuggUua	41	1	hsa
caCuagucugcacauuggUua	11	1	hsa



.....caguagucugcacauugguuaC.....	13	1	hsa
.....caguagucugcacauugguuaU.....	465	1	hsa
.....caguagucugcacauugguuaA.....	545	1	hsa
.....caguagucugcacauugguuag.....	8	0	hsa
.....caguagucugcacauugguuagU.....	1	1	hsa
.....caguagucugcacauugguuaAa.....	35	1	hsa
.....caguagucugcacauugguuaCa.....	1	1	hsa
.....caguagucugcacauugguuaUa.....	4	1	hsa
.....caguagucugcacauugguuaAac.....	1	1	hsa
.....caguagucugcacauugguuagaAu.....	1	1	hsa
.....aguagucugcacauuggu.....	5	0	hsa
.....Uguagucugcacauuggu.....	1	1	hsa
.....aguagucugcacauugguu.....	298	0	hsa
.....aguagCcugcacauugguu.....	1	1	hsa
.....aguaAucugcacauugguu.....	1	1	hsa
.....aguagucugcacauugUuu.....	3	1	hsa
.....aguagucugcacauuUguu.....	1	1	hsa
.....aguaUucugcacauugguu.....	1	1	hsa
.....aCuagucugcacauugguu.....	5	1	hsa
.....Cguagucugcacauugguu.....	2	1	hsa
.....aguCgucugcacauugguu.....	2	1	hsa
.....aguagucugcaGauugguu.....	2	1	hsa
.....aguagucugcacauuggGu.....	3	1	hsa
.....aguagucugcacCuugguu.....	1	1	hsa
.....aguagucugcacauGgguu.....	1	1	hsa
.....aguaguUugcacauugguu.....	1	1	hsa
.....aguagucugUacauugguu.....	1	1	hsa
.....aguagucugcacauuggGua.....	1	1	hsa
.....aguagucGgcacauugguua.....	1	1	hsa
.....aguagucugcacauugguuC.....	2	1	hsa
.....aguagucugcacauugguuG.....	2	1	hsa
.....aUuagucugcacauugguua.....	5	1	hsa
.....agCagucugcacauugguua.....	1	1	hsa
.....aguagucugcaUauugguua.....	1	1	hsa
.....aguagucugcacauuggCua.....	1	1	hsa
.....aguagucugcacauuUguua.....	2	1	hsa
.....aguagucugcacauGgguua.....	1	1	hsa
.....aguagucugcaAauugguua.....	1	1	hsa
.....aCuagucugcacauugguua.....	19	1	hsa
.....aguagucuUcacauugguua.....	4	1	hsa
.....agAagucugcacauugguua.....	1	1	hsa
.....aguagucugcacauugguua.....	318	0	hsa
.....aguagucuAcacauugguua.....	1	1	hsa
.....aguagucugcaGauugguua.....	1	1	hsa
.....aguaUucugcacauugguua.....	2	1	hsa
.....aguagucugcacauugguuU.....	68	1	hsa
.....aguCgucugcacauugguua.....	3	1	hsa
.....aguagucugcacauugUuua.....	2	1	hsa
.....aguagAcugcacauugguua.....	1	1	hsa
.....Uguagucugcacauugguua.....	1	1	hsa
.....aguGgucugcacauugguua.....	1	1	hsa
.....aguagucugcGcauugguua.....	1	1	hsa
.....Cguagucugcacauugguua.....	1	1	hsa
.....aguagucugcacauugguuaC.....	1	1	hsa
.....aguagucugcacauugguuaA.....	24	1	hsa
.....aguagucugcacauugguuaU.....	19	1	hsa
.....aguagucugcacauugguuagG.....	1	1	hsa
.....Cuagucugcacauugguua.....	1	1	hsa
.....Cagucugcacauugguua.....	1	1	hsa