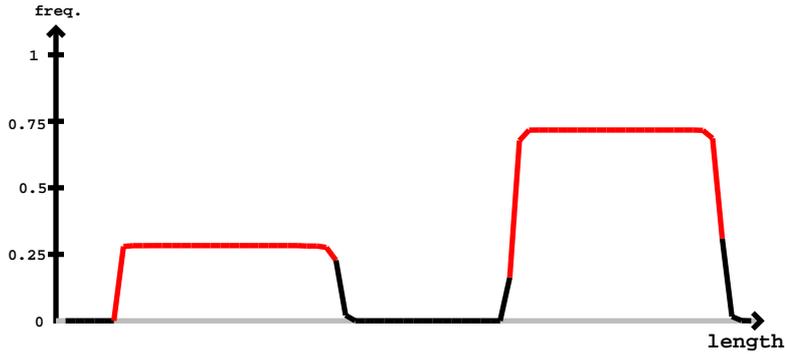
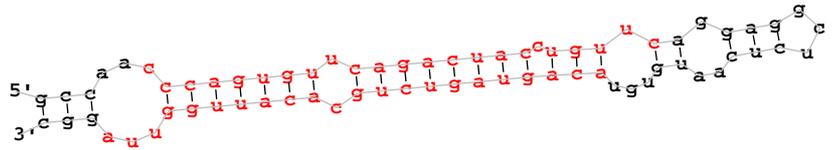


miRBase precursor : hsa-mir-199a-1
 Total read count : 5715
 hsa-miR-199a-5p read count 941
 hsa-miR-199a-3p read count 2387
 hsa-miR-199b-3p read count 2387
 remaining reads : 0



hsa-miR-199a-5p

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

5'-	gccaaccaguguucagagcaccguucaggaggcucucaauguguacaguagucugcacauugguaggc	-3'	exp	
	(((((.....((((((((((((((((((((((((.....))))))))))))))))))))))))))))))))))	reads	mm	sample
.....cccaguguucagagcaccguuc.....	2	0	Z1_	
.....cccaguguucagagcaccguu.....	2	0	Z1_	
.....cccaguguucagagcaccguuC.....	3	1	Z1_	
.....cccaguguucagagcaccguuA.....	1	1	Z1_	
.....cccaguguucagagcaccguuu.....	45	0	Z1_	
.....cccaguguucagagcaccguuA.....	1	1	Z1_	
.....cccaguguucagagcaccguuG.....	1	1	Z1_	
.....cccaguguucagagcaccguuuU.....	15	1	Z1_	
.....cccaguguucagagcaccguuC.....	2	1	Z1_	
.....cccaguguucagagcaccguuuC.....	1	1	Z1_	
.....cccaguguucagagcaccguuu.....	169	0	Z1_	
.....cccagCguucagagcaccguuu.....	1	1	Z1_	
.....cccaguguucGgagcaccguuu.....	1	1	Z1_	
.....cccaguguucagagcaccguuuA.....	4	1	Z1_	
.....cccaguguucagagcaccguuCe.....	1	1	Z1_	
.....cccaguguucagagcaccguuuC.....	5	1	Z1_	
.....cccaguguucagagcaccguuuAc.....	1	1	Z1_	
.....cccaguguucagagcaccguuuca.....	1	0	Z1_	
.....cccaguguucagagcaccguuuC.....	3	1	Z1_	
.....cccaguguucagagcaccguuuU.....	10	1	Z1_	
.....cccaguguucagagcaccguuu.....	2	0	Z1_	
.....uacaguagucugcacauugg.....	1	0	Z1_	
.....uacaguagucugcacauuggu.....	11	0	Z1_	
.....uacaguagucugcacauuggC.....	1	1	Z1_	
.....uaUaguagucugcacauuggu.....	1	1	Z1_	
.....uacaguagucugcacauugguC.....	10	1	Z1_	
.....uacaguagucugcacauugguu.....	64	0	Z1_	
.....uacaguagucugcGcauugguu.....	2	1	Z1_	
.....uacaguagucCgcauugguu.....	2	1	Z1_	
.....uacaguagucugcacauugguuC.....	1	1	Z1_	
.....uacaguagucCgcauugguuA.....	1	1	Z1_	
.....uacaguagucugcacauugguuU.....	22	1	Z1_	
.....uacaguagucugcacauugguuA.....	9	0	Z1_	

gccaaaccagugucagacuaccguuucaggaggcucucaauguguhsaamiR199a3pbaaapuuugguuaggc

.....acaguagucugcacauuggu.....	2	0	Z1_
.....acaguagucugcaUauugguu....	2	1	Z1_
.....Gcaguagucugcacauugguu....	1	1	Z1_
.....acGguagucugcacauugguu....	1	1	Z1_
.....acaguagucugcacauugguu....	168	0	Z1_
.....acagCagucugcacauugguu....	2	1	Z1_
.....acaguaAucugcacauugguu....	4	1	Z1_
.....acaguagucugcacauugguA....	4	1	Z1_
.....acaguagucugcacauugguC....	7	1	Z1_
.....acaguagucugcacauugguG....	1	1	Z1_
.....acaguagucugcacauUggu....	1	1	Z1_
.....acaguagucugcacagugguu....	1	1	Z1_
.....acaguagucugcGcauugguu....	4	1	Z1_
.....acaguagucUcacauugguu....	2	1	Z1_
.....acaguagucugcacauUgguA....	1	1	Z1_
.....acaguagucugcacauugguuC....	3	1	Z1_
.....Gcaguagucugcacauugguua....	1	1	Z1_
.....acaguagucugcacauUgguA....	1	1	Z1_
.....acaguagucugcacauugguua....	114	0	Z1_
.....acaguagucugcaUauugguua....	1	1	Z1_
.....Ucaguagucugcacauugguua....	1	1	Z1_
.....acaguagucugcacauugguuU....	42	1	Z1_
.....acaguagucugcacauugguuaU....	2	1	Z1_
.....acaguagucugcacauugguuaA....	3	1	Z1_
.....caguagucugcacauuggu.....	2	0	Z1_
.....caguagucugcacauugguC....	1	1	Z1_
.....caguagucugcacauugguu....	5	0	Z1_
.....caguagucugcacauugguuU....	4	1	Z1_
.....caguagucugcacauugguuC....	1	1	Z1_
.....caguagucugcacauugguua....	12	0	Z1_
.....caguagucugcacauugguuaA....	1	1	Z1_
.....cccaguguucagacuaccugA....	1	1	Z2_
.....cccaguguucagacuaccguuu....	24	0	Z2_
.....cccaguguucagacuaccCguu....	1	1	Z2_
.....cccaguguucagacuGccuguu....	1	1	Z2_
.....cccaguguucagacuaccguuC....	3	1	Z2_
.....cccaguguucagacuaccugCuc....	1	1	Z2_
.....cccGguugucagacuaccguuuc....	1	1	Z2_
.....cccagugCucagacuaccguuuc....	1	1	Z2_
.....cccaguguCcagacuaccguuuc....	1	1	Z2_
.....cccaguguucGgacuaccguuuc....	1	1	Z2_
.....cccaguguucagacuaccguCc....	1	1	Z2_
.....cccaguguucagacuaccguuU....	6	1	Z2_
.....cccagAguucagacuaccguuuc....	1	1	Z2_
.....cccaguguucagaguaccguuuc....	1	1	Z2_
.....cccaguguucUgacuaccguuuc....	1	1	Z2_
.....cccaguguuUagacuaccguuuc....	3	1	Z2_
.....cccaguguucagacuaccguuuc....	89	0	Z2_
.....cccaguguucagacuaccguuA....	2	1	Z2_
.....cccagugCucagacuaccguuuc....	1	1	Z2_
.....cccaguguucagacuaccguuucU....	5	1	Z2_
.....cccaguguucagacuaccguuucC....	1	1	Z2_
.....ccaguguucagacuaccguuuc....	3	0	Z2_
.....uacaguagucugcacauuggu.....	7	0	Z2_
.....Cacaguagucugcacauuggu....	1	1	Z2_
.....uacaguagucugcacauuggC....	1	1	Z2_
.....uacaguagucugcacauuggCu....	1	1	Z2_
.....uacaguagucugcacauugguu....	43	0	Z2_
.....uacaguagucugcacauCgguu....	1	1	Z2_
.....uacGguagucugcacauugguu....	1	1	Z2_
.....uacaguagucugcacauugguC....	4	1	Z2_
.....uacaguagucugcacauugguuC....	3	1	Z2_
.....uacaguagucugcacauugguua....	3	0	Z2_
.....uacaguagucugcacauugguuU....	14	1	Z2_
.....uacaguagucugcacauugguuaU....	2	1	Z2_
.....acaguagucugcacauugg.....	2	0	Z2_
.....acaguagucugcacGuuggu.....	1	1	Z2_

gccaaaccaguguuacagacuaccuguuacaggaggcucucaauguguhesagmāgūāāgbaāpūugguuaggc

.....ccaguguuacagacuaccuguuA.....	9	1	GDM
.....ccaguguuacagacuaccuguCc.....	1	1	GDM
.....ccaguguuacagacuaccuguuucC.....	2	1	GDM
.....ccaguguuacagacuaccuguuucA.....	12	0	GDM
.....ccaguguuacagacuaccuguuucU.....	30	1	GDM
.....ccaguguuacagacuaccuguuucU.....	30	1	GDM
.....ccaguguuacagacuaccuguuucG.....	4	1	GDM
.....ccaguguuacagacuaccuguuucU.....	30	1	GDM
.....ccaguguuacagacuaccuguuucG.....	4	1	GDM
.....ccaguguuacagacuaccuguuucA.....	12	0	GDM
.....ccaguguuacagacuaccuguuuc.....	3	0	GDM
.....Gcaguguuacagacuaccuguuuc.....	1	1	GDM
.....ccaguguuacagacuaccuguuuc.....	3	0	GDM
.....aguguuacagacuaccuguuuc.....	1	0	GDM
.....uacaguagucugcacauugg.....	1	0	GDM
.....uacaguagucugcacauuggC.....	2	1	GDM
.....uacaguagucugcacauuggu.....	31	0	GDM
.....Aacaguagucugcacauuggu.....	2	1	GDM
.....uacaguagucugcacauuggu.....	31	0	GDM
.....uacaguagucugcacauuggu.....	31	0	GDM
.....uacaguagucugcacUuuggu.....	2	1	GDM
.....uacGguagucugcacauugguu.....	1	1	GDM
.....uacaguagucugcacauugguuc.....	9	1	GDM
.....uacaguagucugcacauUguu.....	1	1	GDM
.....uacaguagucugcacauugguA.....	10	1	GDM
.....uacaguGgucugcacauugguu.....	1	1	GDM
.....uacaguagucugcacauCgguu.....	1	1	GDM
.....uacaguagucugcacauugguu.....	134	0	GDM
.....Aacaguagucugcacauugguu.....	4	1	GDM
.....uacaguagucugcacauugguu.....	134	0	GDM
.....uGcaguagucugcacauugguu.....	1	1	GDM
.....Cacaguagucugcacauugguu.....	1	1	GDM
.....uacaguagucugcacauuggCu.....	2	1	GDM
.....uacaguagucugcacauugguu.....	134	0	GDM
.....uacaguagucugcacauugguA.....	10	1	GDM
.....uacaguagucugcacauugguuc.....	9	1	GDM
.....uacaguagucugcacauugguuc.....	9	1	GDM
.....uacaguagucugcacAugguu.....	1	1	GDM
.....uacaguagucugcacauugguuA.....	23	0	GDM
.....uacaguagucugcacauugguuA.....	23	0	GDM
.....uacaguagucugcacauugguuU.....	36	1	GDM
.....uacaguagucugcacauugguuC.....	7	1	GDM
.....uacaguagucugcacauugguuU.....	36	1	GDM
.....uacaguagucugcacauugguuU.....	36	1	GDM
.....uacaguagucugcacauUgguu.....	1	1	GDM
.....uacaguagucugcacauUgguu.....	7	1	GDM
.....uacaguagucugcacauugguuA.....	23	0	GDM
.....CacaguagucugcacauugguuA.....	3	1	GDM
.....uacaguagucugcacauugguuUg.....	2	1	GDM
.....uacaguagucugcacauugguuuU.....	2	1	GDM
.....uacaguagucugcacauugguuuU.....	2	1	GDM
.....uacaguagucugcacauugguuagU.....	1	1	GDM
.....acGguagucugcacauuggu.....	1	1	GDM
.....acaguagucugcacauuggu.....	19	0	GDM
.....acaguagucugcacauuggu.....	19	0	GDM
.....acaguagucugcacauuggu.....	19	0	GDM
.....acaguagucugcacauuggA.....	2	1	GDM
.....acaguagucugcacauugguuc.....	35	1	GDM
.....acaguagucugcacauUggu.....	2	1	GDM
.....acaguagucUAcacauugguu.....	1	1	GDM
.....Gcaguagucugcacauugguu.....	1	1	GDM
.....acaguagucugcGcauugguu.....	4	1	GDM
.....acaguagucugcacauugguu.....	348	0	GDM
.....acaguagucugcacauuggGu.....	3	1	GDM
.....acaguagucugcacauugAu.....	5	1	GDM
.....acaguagucCgcacauugguu.....	2	1	GDM
.....acaguagucugcacauugguu.....	348	0	GDM
.....acaguagucugcacauugguu.....	348	0	GDM

gccaaaccagugucagacuaccuguucaggaggcucucaauguguhsaamiR199a3pbaaapuuugguuaggc

.....acagCagucugcacauugguu....	7	1	GDM
.....acaguagucugcacauugguC....	35	1	GDM
.....acaguagucCgcacauugguu....	2	1	GDM
.....acaguagucgcaUauugguu....	2	1	GDM
.....acaguagCcugcacauugguu....	5	1	GDM
.....acaguGgucugcacauugguu....	1	1	GDM
.....acaguagucgcaUauugguu....	2	1	GDM
.....acaguagucugcacauuAguu....	2	1	GDM
.....acGguagucugcacauugguu....	1	1	GDM
.....acaguaUucugcacauugguu....	1	1	GDM
.....acaguagucugcacauugguA....	10	1	GDM
.....acaguagCcugcacauugguu....	5	1	GDM
.....acaguagucugcacauuggAu....	7	1	GDM
.....acaguagucugcacagugguu....	1	1	GDM
.....acaguagucugcacacugguu....	1	1	GDM
.....acaguagucugcacauuggGu....	3	1	GDM
.....acaguagucugcacauugguA....	10	1	GDM
.....acagCagucugcacauugguu....	7	1	GDM
.....acaguagucugcGcauugguu....	4	1	GDM
.....acaguagucugcacGuugguu....	1	1	GDM
.....acaguagucugcacauugguG....	1	1	GDM
.....acaguagucugcacauugguC....	35	1	GDM
.....acaguagucugcacauugguuC....	10	1	GDM
.....acaguaAucugcacauugguua....	1	1	GDM
.....acaguagucugcacauugguAa....	1	1	GDM
.....acaguagucugcacauugguua....	209	0	GDM
.....acaguagucugcacauugguua....	209	0	GDM
.....acGguagucugcacauugguua....	1	1	GDM
.....Gcaguagucugcacauugguua....	2	1	GDM
.....acaguagucugcacauugguuC....	10	1	GDM
.....acaguagucugcacGuugguua....	1	1	GDM
.....acaguagucugcacauugguuC....	10	1	GDM
.....acaguagucugcacaUAguuua....	1	1	GDM
.....acaguagucugcCcauugguua....	1	1	GDM
.....acaguagucugcacauugguuU....	151	1	GDM
.....acaguagucCgcacauugguua....	1	1	GDM
.....acaguagucugcacauugguuU....	151	1	GDM
.....acaguagucugcacauugguua....	209	0	GDM
.....acaguagucugcacauugguuU....	151	1	GDM
.....acaguaUucugcacauugguua....	1	1	GDM
.....acaguagucugcacauuggCua....	2	1	GDM
.....aUaguagucugcacauugguua....	1	1	GDM
.....Gcaguagucugcacauugguua....	2	1	GDM
.....acaguagucugcacauugguuaA....	20	1	GDM
.....acaguagucugcacauugguuaU....	3	1	GDM
.....acaguagucugcacauugguuaA....	20	1	GDM
.....acaguagucugcacauugguuaA....	20	1	GDM
.....acaguagucugcacauugguuaU....	3	1	GDM
.....acaguagucugcacauugguuagU....	2	1	GDM
.....caguagucugcacauuggu....	4	0	GDM
.....caguagucugcacauuggC....	1	1	GDM
.....caguagucugcacauuggu....	4	0	GDM
.....caguagucugcacauuggu....	4	0	GDM
.....caguagucugcacauugguC....	3	1	GDM
.....caguagucugcacauugguu....	31	0	GDM
.....caguagucugcacauugguu....	31	0	GDM
.....caguagucugcacauugguC....	3	1	GDM
.....caguagucugcUcauugguu....	1	1	GDM
.....caguagucugcacauCgguu....	1	1	GDM
.....caguagucugcacauugguA....	1	1	GDM
.....caguagucugcacauugguu....	31	0	GDM
.....caguagucugcacauugguua....	29	0	GDM
.....caguagucugcacauugguua....	29	0	GDM
.....caguagucugcacauugguuU....	7	1	GDM
.....caguagucugcacauugguua....	29	0	GDM
.....caguagucugcacauugguuU....	7	1	GDM
.....caguagucugcacauugguuU....	7	1	GDM
.....caguagucugcacauugguuaU....	4	1	GDM

gccaa**cc**cagugucagacu**acc**guu**c**aggaggcucucaaugu**g**u**h**sagm**g**u**g**u**g**ba**g**u**g**guu**g**ggc

.....caguagucgacacauugguuA..	1	1	GDM
.....aguagucgacacauugguu....	1	0	GDM
.....ccagug <u>u</u> cagacu acc gu..	1	0	Z3_
.....ccca <u>u</u> guu c agacu acc guu..	1	1	Z3_
.....ccagug <u>u</u> cagacu acc guu..	17	0	Z3_
.....ccagug <u>u</u> cagacu acc guC..	2	1	Z3_
.....ccagug <u>u</u> cagacu acc guuU..	7	1	Z3_
.....ccagug <u>u</u> Uagacu acc guu c ..	3	1	Z3_
.....ccagug <u>u</u> cagacu acc guuA..	2	1	Z3_
.....ccagug <u>u</u> cagacu acc guu c ..	40	0	Z3_
.....ccagug <u>u</u> cagacu acc guu C ..	1	1	Z3_
.....uacaguagucgacacauuggC....	3	1	Z3_
.....uacaguagucgacacauuggu C ...	5	1	Z3_
.....uacaguagucgacacauuggu A ...	1	1	Z3_
.....uacaguagucgacacauugg Cu	2	1	Z3_
.....uacaguagucgacacauuggu u	28	0	Z3_
.....uacaguagucgacacauuggu u C...	2	1	Z3_
.....uacaguagucgacacauuggu u U..	12	1	Z3_
.....uacaguagucgacacauuggu u uA...	3	0	Z3_
.....uacaguagucgacacauuggu u uag...	2	0	Z3_
.....acaguagucgacacauuggu u	2	0	Z3_
.....acaguagucgacacauuggu A	1	1	Z3_
.....acaguagucgacacG <u>u</u> uggu u	1	1	Z3_
.....acaguagucgacacau Ag gu u	1	1	Z3_
.....acagu G gucgacacauuggu u	1	1	Z3_
.....acaguagucgacacauuggu u	73	0	Z3_
.....acG <u>g</u> uagucgacacauuggu u	1	1	Z3_
.....acaguagucgacacauuggu C	6	1	Z3_
.....acaguagucgacacauuggu u uA...	31	0	Z3_
.....acaguagucgacacauuggu u u C ...	1	1	Z3_
.....acaguagucgacacauugg Cu A...	1	1	Z3_
.....acaguagucgacacauuggu u U..	29	1	Z3_
.....acaguagucgacG <u>u</u> uggu u uA...	1	1	Z3_
.....acaguagucgacacauuggu u uA..	2	1	Z3_
.....acaguagucgacacauuggu u uA..	2	1	Z3_
.....acaguagucgacacauuggu u uA..	4	1	Z3_
.....caguagucgacacauuggu u	2	0	Z3_
.....caguagu U gacacauuggu u	1	1	Z3_
.....caguagucgacacauuggu u	1	0	Z3_
.....caguagucgacacauuggu u C...	4	1	Z3_
.....caguagucgacacauuggu u uA...	1	0	Z3_