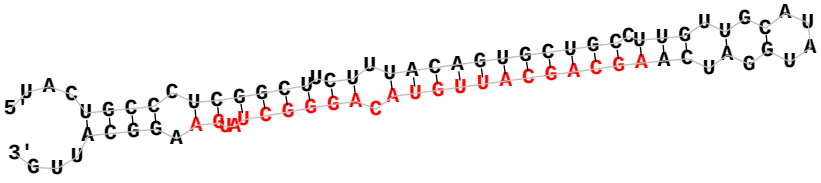
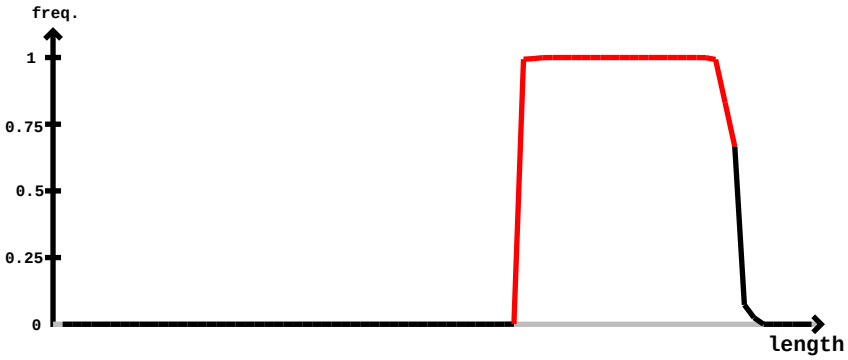
miRBase precursor : hsa-mir-103a-1
Total read count : 320425
hsa-miR-103a-3p read count 320413
remaining reads : 12





hsa-miR-103a-3p

```
5'- uacugcccucggcuucuuuacagugcugccuuguugcauauggaucaagcagcauuguacagggcuaugaaggcauug  -3'    exp
    ...((((.(((((((.((.((((((((((((.(((.(.(....).).)))))))))))))))).))))))..)).)))).....  reads      mm         sample
    ..........Agcuucuuuacagugcugccuug.....................................................  7          1          hsa
    ..........ggcuucuuuacagugcugccuug.....................................................  1          0          hsa
    ..........Agcuucuuuacagugcugccuugu....................................................  4          1          hsa
    ..............................................Aaagcagcauuguacagggcua...........  1          1          hsa
    ..............................................Aaagcagcauuguacagggcuau..........  9          1          hsa
    ..............................................Aaagcagcauuguacagggcuaug.........  7          1          hsa
    ..............................................caagcagcauuguacagggcuauga........  1          0          hsa
    ..............................................Aaagcagcauuguacagggcuauga........  25         1          hsa
    ..............................................Aaagcagcauuguacagggcuaugaa.......  1          1          hsa
    ..............................................aagcagcauuguacagggcua...........  2          0          hsa
    ..............................................aagcagcauuguacagggcuau..........  12         0          hsa
    ..............................................aagcagcauuguacagggcuaA..........  1          1          hsa
    ..............................................Gagcagcauuguacagggcuau..........  1          1          hsa
    ..............................................aagcagcauuUuacagggcuau..........  1          1          hsa
    ..............................................Cagcagcauuguacagggcuau..........  12         1          hsa
    ..............................................aagcagcauuguacagUgcuau..........  1          1          hsa
    ..............................................aagcagcauuguacaggUcuaug.........  1          1          hsa
    ..............................................aagcagcauuguacagggcuauA.........  1          1          hsa
    ..............................................aagcagcauuguacagggcuaug.........  7          0          hsa
    ..............................................Cagcagcauuguacagggcuaug.........  24         1          hsa
    ..............................................aagcagcauuguacagggcuaCg.........  1          1          hsa
    ..............................................aagcagcauuguacagggGuauga........  1          1          hsa
    ..............................................Cagcagcauuguacagggcuauga........  91         1          hsa
    ..............................................aagcagcauuUuacagggcuauga........  1          1          hsa
    ..............................................aagcagcauuguacagggcuaugU........  4          1          hsa
    ..............................................aagcagcauuguacagggcuauCa........  1          1          hsa
    ..............................................aagcagcauuguacagggcuauga........  17         0          hsa
    ..............................................Cagcagcauuguacagggcuaugaa.......  5          1          hsa
    ..............................................aagcagcauuguacagggcuaugaa.......  1          0          hsa
    ..............................................aagcagcauuUuacagggcuaugaa.......  1          1          hsa
    ..............................................agcagcauuguacaggCc.............  1          1          hsa
    ..............................................agcagcauuguacagggc.............  27         0          hsa
    ..............................................agcagcauuguacagggcA............  1          1          hsa
    ..............................................agcagcauuAuacagggcu............  1          1          hsa
    ..............................................agcagUauuguacagggcu............  1          1          hsa
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hsa-miR-103a-3p

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.....agcagcauuguUcagggcu.....	1	1	hsa
.....agcagcauuUuacagggcu.....	1	1	hsa
.....agcagcauuguacaggUcu.....	1	1	hsa
.....agcCgcauuguacagggcu.....	1	1	hsa
.....agcagcCuuguacagggcu.....	2	1	hsa
.....agcagcauuguacagggcG.....	1	1	hsa
.....agcagcauugCacagggcu.....	1	1	hsa
.....agcagcauuguacagggcu.....	160	0	hsa
.....aUcagcauuguacagggcu.....	1	1	hsa
.....aCcagcauuguacagggcua.....	2	1	hsa
.....agcagcauuguacagCgcua.....	3	1	hsa
.....agcagGauuguacagggcua.....	1	1	hsa
.....Ggcagcauuguacagggcua.....	2	1	hsa
.....agcagcauuCuacagggcua.....	5	1	hsa
.....Cgcagcauuguacagggcua.....	5	1	hsa
.....aUcagcauuguacagggcua.....	4	1	hsa
.....agcagcauuguacagggcuC.....	1	1	hsa
.....Ugcagcauuguacagggcua.....	4	1	hsa
.....agcagcauuguacUgggcua.....	2	1	hsa
.....agcagcauuguacagggcAa.....	3	1	hsa
.....agAagcauuguacagggcua.....	1	1	hsa
.....agcagcauuguacCgggcua.....	1	1	hsa
.....aAcagcauuguacagggcua.....	1	1	hsa
.....agGagcauuguacagggcua.....	1	1	hsa
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.....agUagcauuguacagggcua.....	2	1	hsa
.....agcUgcauuguacagggcua.....	2	1	hsa
.....agcagcauuguacaggAcua.....	2	1	hsa
.....agcGgcauuguacagggcua.....	4	1	hsa
.....agcagcauuguacaAggcua.....	3	1	hsa
.....agcagcauuguacagggcGa.....	1	1	hsa
.....agcagcauugAacagggcua.....	1	1	hsa
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.....agcagcauuguacaUggcua.....	12	1	hsa
.....agcagcauugGacagggcua.....	5	1	hsa
.....agcagcauuguacaggCcua.....	3	1	hsa
.....agcagcauugCacagggcua.....	4	1	hsa
.....agcagcaGuguacagggcua.....	3	1	hsa
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.....agcCgcauuguacagggcua.....	5	1	hsa
.....agcagcauuUuacagggcua.....	11	1	hsa
.....agcagcauuguacagggcuG.....	4	1	hsa
.....agcaUcauuguacagggcua.....	4	1	hsa
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.....agcagUauuguacagggcua.....	2	1	hsa
.....agcagcauuguCcagggcua.....	1	1	hsa
.....agcagcauuguacagggAua.....	24	1	hsa
.....agcagcauuguUcagggcua.....	8	1	hsa
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.....agcagcauuguGcagggcua.....	1	1	hsa
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.....agAagcauuguacagggcuau.....	76	1	hsa
.....agcagcauuguCcagggcuau.....	75	1	hsa
.....agcUgcauuguacagggcuau.....	26	1	hsa
.....agcagcauuguacagggcuaA.....	313	1	hsa
.....agcagcaCuguacagggcuau.....	42	1	hsa
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.....agcagGauuguacagggcuau.....	8	1	hsa
.....agcagcauuguacagggcAau.....	25	1	hsa
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.....agcagcauugCacagggcuau.....	50	1	hsa
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.....agcagcauuguacaUggcuau.....	360	1	hsa
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.....agcagcauuguaAagggcuau.....	10	1	hsa
.....agcagcauuguacagggAuau.....	15	1	hsa
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.....agcagcauuguacaAggcuau.....	38	1	hsa
.....Cgcagcauuguacagggcuau.....	89	1	hsa
.....agcagcauuguacagggUuau.....	30	1	hsa
.....aUcagcauuguacagggcuau.....	109	1	hsa
.....agcagcaAuguacagggcuau.....	20	1	hsa
.....agUagcauuguacagggcuau.....	82	1	hsa
.....agcGgcauuguacagggcuau.....	46	1	hsa
.....agcagcGuuguacagggcuau.....	22	1	hsa
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.....agGagcauuguacagggcuau.....	17	1	hsa
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.....agcagcauuguacagggcCau.....	31	1	hsa
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.....aCcagcauuguacagggcuau.....	51	1	hsa
.....agcagcauuguacCgggcuau.....	59	1	hsa
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.....agcagcauuguacagAgcuaug.....	30	1	hsa
.....Ggcagcauuguacagggcuaug.....	26	1	hsa
.....agcagcauuguacagggcuaug.....	36408	0	hsa
.....agcagcauuguacaggUcuaug.....	363	1	hsa
.....agcagcauuguacagggAuaug.....	8	1	hsa
.....agcagcauuguCcagggcuaug.....	66	1	hsa
.....agcagGauuguacagggcuaug.....	3	1	hsa
.....agcagcauugAacagggcuaug.....	14	1	hsa
.....agcagcauGguacagggcuaug.....	2	1	hsa
.....agcagcauuUuacagggcuaug.....	235	1	hsa
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.....agcagcauuguacagggcuaAg.....	11	1	hsa
.....agcagcauuguacagggcuUug.....	24	1	hsa
.....agcagcauCguacagggcuaug.....	18	1	hsa
.....agcagcaCuguacagggcuaug.....	27	1	hsa
.....agcagcauuguacagggUuaug.....	24	1	hsa
.....agcagcauuguacagggcuauA.....	3286	1	hsa
.....agcagcauuguacagggcuCug.....	51	1	hsa
.....agcagcauuguacagggcCaug.....	39	1	hsa
.....agcagcauuguGcagggcuaug.....	52	1	hsa
.....agcagcauuguacagUgcuaug.....	160	1	hsa
.....agcagcauuguacCgggcuaug.....	57	1	hsa
.....agcagcauuguacaAggcuaug.....	14	1	hsa
.....agcagcaGuguacagggcuaug.....	15	1	hsa
.....agcagcauuguacagggcuaGg.....	14	1	hsa
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.....Ugcagcauuguacagggcuaug.....	17	1	hsa
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.....agcagcauuguacaCggcuaug.....	23	1	hsa
.....agcagcauuguacagggcAaug.....	25	1	hsa
.....aAcagcauuguacagggcuaug.....	43	1	hsa
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.....agcagcauuguacGgggcuaug.....	27	1	hsa
.....agcagcauuCuacagggcuaug.....	77	1	hsa
.....agUagcauuguacagggcuaug.....	33	1	hsa
.....agcagcauuAuacagggcuaug.....	76	1	hsa
.....agcagcauuguacagggcGaug.....	33	1	hsa
.....agcagcauuguacagggcuGug.....	27	1	hsa
.....agcaUcauuguacagggcuaug.....	75	1	hsa
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.....agcagcauuguacagggAuauga.....	35	1	hsa
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.....agcagcauuguacagggcuauga.....	147613	0	hsa
.....agcagcauuguacagggcuaugG.....	99	1	hsa
.....agcagcauuUuacagggcuauga.....	1052	1	hsa
.....aCcagcauuguacagggcuauga.....	187	1	hsa
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.....agcaAcauuguacagggcuauga.....	109	1	hsa
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hsa-miR-103a-3p

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.....agcagcauuguacagggcuauAa.....	939	1	hsa
.....agcagcauuguUcagggcuauga.....	157	1	hsa
.....agcagcauuCuacagggcuauga.....	364	1	hsa
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.....agcagcauuguacagCgcuauga.....	86	1	hsa
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.....agcGgcauuguacagggcuauga.....	131	1	hsa
.....agcagcauuguacagggGuauga.....	40	1	hsa
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.....agcagcauCguacagggcuauga.....	99	1	hsa
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.....agcagcauuguaUagggcuauga.....	504	1	hsa
.....agcagcauuguacaAggcuauga.....	92	1	hsa
.....agcagcauugCacagggcuauga.....	145	1	hsa
.....agcagcauuguGcagggcuauga.....	199	1	hsa
.....agcagcauuguacUgggcuauga.....	173	1	hsa
.....agcagUauuguacagggcuauga.....	225	1	hsa
.....agcagcauuguacagggcuaugC.....	328	1	hsa
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.....agcagcauuguacagggcuCuga.....	127	1	hsa
.....agUagcauuguacagggcuauga.....	440	1	hsa
.....aUcagcauuguacagggcuauga.....	322	1	hsa
.....agcagcGuuguacagggcuauga.....	100	1	hsa
.....agcagcauuguacagggcAauga.....	96	1	hsa
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.....agcagAauuguacagggcuauga.....	50	1	hsa
.....agcagcauuguacagggcuaGgaa.....	1	1	hsa
.....agcagcauuguacagggcuGugaa.....	3	1	hsa
.....agcagcUuuguacagggcuaugaa.....	3	1	hsa
.....agcagcauuguacaAggcuaugaa.....	3	1	hsa
.....agcagcauuguGcagggcuaugaa.....	5	1	hsa
.....Ugcagcauuguacagggcuaugaa.....	3	1	hsa
.....agcagcauuguacUgggcuaugaa.....	4	1	hsa
.....agcagcauuguacagUgcuaugaa.....	16	1	hsa
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.....agcagcauuguacagggcAaugaa.....	2	1	hsa
.....agcagUauuguacagggcuaugaa.....	11	1	hsa
.....aCcagcauuguacagggcuaugaa.....	9	1	hsa
.....agcagcaCuguacagggcuaugaa.....	1	1	hsa
.....agcagcauuguacGgggcuaugaa.....	4	1	hsa
.....agcaUcauuguacagggcuaugaa.....	8	1	hsa
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.....agcagcauuguUcagggcuaugaa.....	1	1	hsa
.....Cgcagcauuguacagggcuaugaa.....	10	1	hsa
.....agAagcauuguacagggcuaugaa.....	8	1	hsa
.....agcagcauuguacaUggcuaugaa.....	26	1	hsa

hsa-miR-103a-3p

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.....agcagcauuguacaCggcuaugaa.....	2	1	hsa
.....agcagcauuguacagggcuUugaa.....	1	1	hsa
.....agcagcauuguacagggcuauAaa.....	49	1	hsa
.....Ggcagcauuguacagggcuaugaa.....	4	1	hsa
.....agcagcauuguacagggcuauUaa.....	16	1	hsa
.....agcagcauuguacaggUcuaugaa.....	41	1	hsa
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.....agcagcauuguacCgggcuaugaa.....	6	1	hsa
.....agcGgcauuguacagggcuaugaa.....	2	1	hsa
.....agcagcauuguacagggcuaAgaa.....	1	1	hsa
.....agcagcauugCacagggcuaugaa.....	5	1	hsa
.....agcagcauuguacagggcGaugaa.....	5	1	hsa
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.....agcagcauuguacagggcuaugGa.....	6	1	hsa
.....agcagcauuguacagggcuaugaC.....	116	1	hsa
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.....agcaCcauuguacagggcuaugaa.....	2	1	hsa
.....agcagcauuUuacagggcuaugaa.....	18	1	hsa
.....agcagcauuguaUagggcuaugaa.....	22	1	hsa
.....agcagcauuguacagggcCaugaa.....	8	1	hsa
.....agcagcauuguacagggcuauCaa.....	43	1	hsa
.....agcagcGuuguacagggcuaugaa.....	4	1	hsa
.....agcagcauuguacagggUuaugaa.....	2	1	hsa
.....agUagcauuguacagggcuaugaa.....	7	1	hsa
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.....agcagcauuguacagAgcuaugaa.....	5	1	hsa
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.....agcagcauuguacaggCcuaugaa.....	2	1	hsa
.....agcagcCuuguacagggcuaugaa.....	17	1	hsa
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.....agcagcauuCuacagggcuaugaa.....	7	1	hsa
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.....agcagcauuguacagggcuaugaaA.....	7229	1	hsa
.....agcagcauuguacagggcuaugaaC.....	16	1	hsa
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.....agcagcauuguacagggcuaugaCg.....	5	1	hsa
.....agcagcauuguacagggcuaugaaU.....	475	1	hsa
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.....agcagcauuguacagggcuaugaCgg.....	2	1	hsa
.....agcagcauuguacagggcuaugaagU.....	10	1	hsa
.....agcagcauuguacagggcuaugaGgg.....	2	1	hsa
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.....agcagcauuguacagggcuaugaaCgc....	1	1	hsa
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.....agcagcauuguacagggcuaugaagCca...	2	1	hsa
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.....gcagcauuguacagUgcuau.........	1	1	hsa

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.....Ucagcauuguacagggcuau.....	1	1	hsa
.....gcagcauuguacagggGuaug.....	1	1	hsa
.....gcagcauuCuacagggcuaug.....	1	1	hsa
.....gcagcauuguacagggcuauU.....	3	1	hsa
.....gcagGauuguacagggcuaug.....	1	1	hsa
.....gcagcauuguacagAgcuaug.....	1	1	hsa
.....gcagcauuguacagggcuauC.....	7	1	hsa
.....gcagcauuguacagggcuauA.....	6	1	hsa
.....gcagcauCguacagggcuaug.....	1	1	hsa
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.....gcagcauuguacUgggcuauga.....	1	1	hsa
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.....gcagcauuguacagggcuauCa.....	8	1	hsa
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.....gcaUcauuguacagggcuauga.....	4	1	hsa
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.....gcagcauuguacagggcuCuga.....	2	1	hsa
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.....gcagcauuguacagggcuaugCa.....	1	1	hsa
.....gcagcauuguacagggcuaugaU.....	28	1	hsa
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.....gcagcauuguacagggcuaugaaU.....	1	1	hsa
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.....cagcauuguacagggcuauAa.....	3	1	hsa
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uacugcccucggcuucuuuacagugcugccuuguugcauauggaucaagcagcauuguacagggcuaugaaggcauug
....auuguacagggcuaugaag..... 2 0 hsa