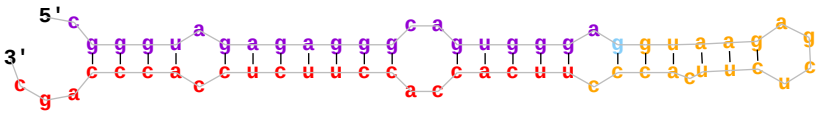
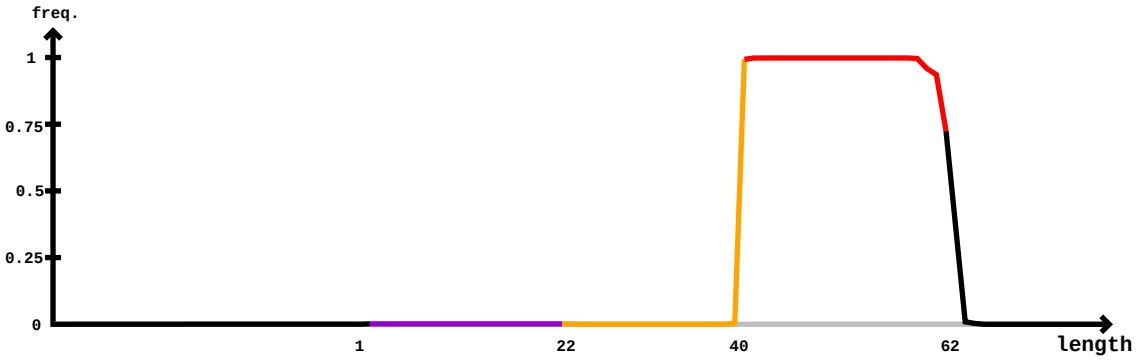
Provisional ID	:	1_1091
Score total	:	15099.1
Score for star read(s)	:	3.9
Score for read counts	:	15091.5
Score for mfe	:	2.2
Score for randfold	:	1.6
Score for cons. seed	:	
Total read count	:	29613
Mature read count	:	29571
Loop read count	:	0
Star read count	:	42





Star **Mature**

```
5'- ccuucuggaaucugugcucuggggcugugccggguagagagggcaguggga gguaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu -3'   obs
    ccuucuggaaucugugcucuggggcugugccggguagagagggcaguggga guaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu       exp
    ccuucuggaaucugugcucuggggcugugccggguagagagggcaguggga ggguaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu       known
    ((....)).....((((((.....(((((((((.((((.(((((((..(((((.(((((((....))).))))..)))))).))..)))))))).)))))..)))))))).....   reads   mm   sample
    ..............................ccggguagGgagggcaguggga.....................................................................   1       1    Z2_
    ..............................cggguagagagggcaguggga.....................................................................   6       0    Z2_
    ..............................cggguagagagggcaAugggag.....................................................................   2       1    Z2_
    ..............................cggguagagagggcaguggga......................................................................   1       0    Z2_
    ..................................................................cuucaccaccuucuccacc.....................................   1       0    Z2_
    ..................................................................cuucaccaccuucuccaccca...................................   2       0    Z2_
    ..................................................................cuucaccaccuucuccacccag..................................   2       0    Z2_
    ..................................................................cuucaccGccuucuccacccagc.................................   1       1    Z2_
    ..................................................................cuucaccaccuucuccacccagA.................................   6       1    Z2_
    ..................................................................cuucaccaccuucuccacccagc..................................   1       0    Z2_
    ..................................................................cuucaccaccuucuccacccUgc..................................   1       1    Z2_
    ..................................................................uucaccaccuucuccacc.......................................   10      0    Z2_
    ..................................................................uucaccaccuucuccaccc......................................   153     0    Z2_
    ..................................................................uucaccaccuCcuccaccc......................................   3       1    Z2_
    ..................................................................uucaccaccuucucUaccc......................................   2       1    Z2_
    ..................................................................uucaccaccuucuUcaccc......................................   2       1    Z2_
    ..................................................................uucaccaccuucCccaccc......................................   1       1    Z2_
    ..................................................................uucaccaccCucuccaccc......................................   5       1    Z2_
    ..................................................................uucaccaccuucuccaccU......................................   31      1    Z2_
    ..................................................................uucacUaccuucuccaccc......................................   1       1    Z2_
    ..................................................................uGcaccaccuucuccaccc......................................   1       1    Z2_
    ..................................................................uCcaccaccuucuccaccca.....................................   1       1    Z2_
    ..................................................................uucaccaccuucuccacccU.....................................   4       1    Z2_
    ..................................................................uucaccaccuucuccaccca.....................................   130     0    Z2_
    ..................................................................uucaccaccuucCccaccca.....................................   3       1    Z2_
    ..................................................................uucaccaccuucuccacUca.....................................   1       1    Z2_
    ..................................................................uucaccaccuucuccaUcca.....................................   3       1    Z2_
    ..................................................................uucaccaccuucuccacccC.....................................   2       1    Z2_
    ..................................................................uucGccaccuucuccaccca.....................................   1       1    Z2_
    ..................................................................uucaccaUcuucuccaccca.....................................   1       1    Z2_
    ..................................................................uucaccaccuucuccGccca.....................................   1       1    Z2_
    ..................................................................uucacUaccuucuccaccca.....................................   1       1    Z2_
```

Star Mature

ccuucuggaaucugugcucuggggcugugccggguagagagggcaguggagguaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu

.....uucaccaccuCcuccacccag.....	12	1	Z2_
.....uucaccCccuucuccacccag.....	1	1	Z2_
.....uuAaccaccuucuccacccag.....	2	1	Z2_
.....uucaccaccuAcuccacccag.....	2	1	Z2_
.....uucaccaUcuucuccacccag.....	1	1	Z2_
.....uucaccaccuucuccUcccag.....	1	1	Z2_
.....uucaccaccuucucUacccag.....	1	1	Z2_
.....uucaccaccuucuccaccUag.....	8	1	Z2_
.....uucaccaccuucAccacccag.....	1	1	Z2_
.....uucaccaccuucuccacccaA.....	50	1	Z2_
.....uucacAaccuucuccacccag.....	1	1	Z2_
.....uucaccaccuucuccacccaC.....	1	1	Z2_
.....uucaGcaccuucuccacccag.....	1	1	Z2_
.....uucaccaccuucuccacccag.....	1230	0	Z2_
.....uucaccaccuucCccacccag.....	6	1	Z2_
.....uucGccaccuucuccacccag.....	6	1	Z2_
.....uucaccaccCucuccacccag.....	2	1	Z2_
.....uuUaccaccuucuccacccag.....	2	1	Z2_
.....uucaccaccuucuccGcccag.....	7	1	Z2_
.....uucaccaccuucuccacccGg.....	3	1	Z2_
.....Nucaccaccuucuccacccag.....	2	1	Z2_
.....uucaccacUuucuccacccag.....	3	1	Z2_
.....uucaccaccuucuccacccaU.....	9	1	Z2_
.....uAcaccaccuucuccacccag.....	3	1	Z2_
.....uucaccGccuucuccacccag.....	2	1	Z2_
.....uucUccaccuucuccacccag.....	2	1	Z2_
.....uucaccaccuucuccacccCg.....	2	1	Z2_
.....uucaccaccuucuccCcccag.....	1	1	Z2_
.....uCcaccaccuucuccacccag.....	15	1	Z2_
.....Cucaccaccuucuccacccag.....	10	1	Z2_
.....uucaccaccuucuccacUcag.....	2	1	Z2_
.....Aucaccaccuucuccacccag.....	2	1	Z2_
.....uucaccaccuucuccacccUg.....	1	1	Z2_
.....uucaccaccCucuccacccagc.....	9	1	Z2_
.....uucaccaUcuucuccacccagc.....	3	1	Z2_
.....uucaccaccuucuccaUccagc.....	1	1	Z2_
.....uucGccaccuucuccacccagc.....	3	1	Z2_
.....uucaccaccuucuccGcccagc.....	3	1	Z2_
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.....uucaccaccuucAccacccagc.....	3	1	Z2_
.....uucaccaccuucuccaccUagc.....	2	1	Z2_
.....uucaccaccuucuccacccagU.....	339	1	Z2_
.....uucaUaccuucuccacccagc.....	2	1	Z2_
.....uucaccaccuucuccacccagc.....	1155	0	Z2_
.....uucaccaccuucucAacccagc.....	3	1	Z2_
.....uucaUcaccuucuccacccagc.....	1	1	Z2_
.....uucaccaccuucuccacccGgc.....	4	1	Z2_
.....uucaccaccuucuccacccagG.....	13	1	Z2_
.....Gucaccaccuucuccacccagc.....	1	1	Z2_
.....uucaccaccuucuccacUcagc.....	3	1	Z2_
.....uucaccaccuucucUcacccagc.....	3	1	Z2_
.....uucaccaccuGcuccacccagc.....	1	1	Z2_
.....uucaccaccuucuccacccagA.....	1155	1	Z2_
.....uucaccaccuuUuccacccagc.....	1	1	Z2_
.....Cucaccaccuucuccacccagc.....	8	1	Z2_
.....uucaccaccuCcuccacccagc.....	10	1	Z2_
.....uucaccaccuucuccacccaAc.....	1	1	Z2_
.....uucaccaccuucuccUcccagc.....	1	1	Z2_
.....uucaccaAcuucuccacccagc.....	1	1	Z2_
.....uucaccGccuucuccacccagc.....	4	1	Z2_
.....uucaccaccuucuUacccagc.....	1	1	Z2_
.....uucaccaccuAcuccacccagc.....	1	1	Z2_
.....uCcaccaccuucuccacccagc.....	4	1	Z2_
.....uCcaccaccuucuccacccagca.....	1	1	Z2_
.....uucUccaccuucuccacccagca.....	1	1	Z2_
.....uucaccaccuucuccaUccagca.....	1	1	Z2_
.....uucaccaccCucuccacccagca.....	3	1	Z2_
.....uucaccaccuucuccacccagcU.....	322	1	Z2_
.....uucaccaccuucuccacccagcC.....	22	1	Z2_

Star Mature

ccuucuggaaucugugcucuggggcugugccggguagagagggcaguggagguaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu

.....uucaccaccuucuccacccaCca.....	1	1	Z2_
.....uucaccaccuucuccacAcagca.....	2	1	Z2_
.....uucaccaccuucuUcacccagca.....	2	1	Z2_
.....uucaccaccuucucUacccagca.....	1	1	Z2_
.....uAcaccaccuucuccacccagca.....	1	1	Z2_
.....uucaccaccuucuccacccagcG.....	23	1	Z2_
.....uucaccaccuucuccacccagca.....	182	0	Z2_
.....uucaccaccuucuccacccagAa.....	3	1	Z2_
.....uucaccaccuCcuccacccagca.....	1	1	Z2_
.....uucaccaccuucuccGcccagca.....	2	1	Z2_
.....uucaccaccuucuccacccagGa.....	1	1	Z2_
.....uucaccaccuucuccacccGgca.....	1	1	Z2_
.....uucGccaccuucuccacccagca.....	1	1	Z2_
.....uucaccaccuucuccacccUgca.....	1	1	Z2_
.....uuAaccaccuucuccacccagca.....	1	1	Z2_
.....uucaccaccuucuccacccagcau.....	8	0	Z2_
.....uucaccaccuucuccacccagcaA.....	5	1	Z2_
.....uucaccaccuucuccacccagcUu.....	8	1	Z2_
.....uucaccaccuucuccacccagAau.....	2	1	Z2_
.....uucaccaccuucuccacccagcauU.....	8	1	Z2_
.....uucaccaccuucuccacccagcauC.....	1	1	Z2_
.....uucaccaccuucuccacccagcauA.....	6	1	Z2_
.....uucaccaccuucuccacccagcaug.....	2	0	Z2_
.....ucaccaccuucuccaccc.....	1	0	Z2_
.....ucaccaccuucuccacccag.....	3	0	Z2_
.....ucaccaccuucuccacccagA.....	2	1	Z2_
.....ucaccaccuucuccacccGgc.....	1	1	Z2_
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.....ucaccaccuucuccacccagU.....	3	1	Z2_
.....ucaccaccuucuccacccagca.....	4	0	Z2_
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......ggaaucugugcucuggggcugugU.....	1	1	Z3_
......ggaaucugugcucuggggcugugc.....	1	0	Z3_
..........ccggguagagagggcaguggga.....	1	0	Z3_
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.....cuCcaccaccuucuccacccag.....	1	1	Z3_
.....cuucaccaccuucuccacccag.....	1	0	Z3_
.....cuucaccaccuucuccacccagA.....	1	1	Z3_
.....cuucaccaccuucuccacccagcU.....	6	1	Z3_
.....uucaccaccuucuccacc.....	1	0	Z3_
.....uucaccaccuucuccacUc.....	1	1	Z3_
.....uucaccaccuucuccaccc.....	30	0	Z3_
.....uucaccaccuucCccaccc.....	1	1	Z3_
.....uucaccaccuucuccaccU.....	8	1	Z3_
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.....uucaccaccuCcuccaccca.....	1	1	Z3_
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.....uucaccaUcuucuccaccca.....	1	1	Z3_
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.....uucaccacAuucuccacccag.....	2	1	Z3_
.....uucaccaccuucuccacccaA.....	17	1	Z3_
.....uucGccaccuucuccacccagc.....	3	1	Z3_
.....uucaccaccuucuccacccagU.....	225	1	Z3_

Star Mature

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.....uucaUcaccuucuccacccagc..... 2 1 Z3_
.....uuUaccaccuucuccacccagc..... 7 1 Z3_
.....uucaccaccuucCccacccagc..... 4 1 Z3_
.....Gucaccaccuucuccacccagc..... 1 1 Z3_
.....uucaccaccCucuccacccagc..... 6 1 Z3_
.....uucaccaccuCcuccacccagc..... 1 1 Z3_
.....uucaccaccuucuccGcccagc..... 2 1 Z3_
.....uucaccaccuucuccacccagG..... 10 1 Z3_
.....uucaccaccuucuccacccagA..... 599 1 Z3_
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.....uucaccaccuucuccacccagca..... 132 0 Z3_
.....uucaccGccuucuccacccagca..... 2 1 Z3_
.....uucaccaccuucCccacccagca..... 1 1 Z3_
.....Aucaccaccuucuccacccagca..... 1 1 Z3_
.....uucaccaccuucuccacccagcU..... 140 1 Z3_
.....uucaccaccuAcuccacccagca..... 1 1 Z3_
.....uucacUaccuucuccacccagca..... 2 1 Z3_
.....uucaccaccCucuccacccagca..... 2 1 Z3_
.....uucaccaccuucuccacccagUa..... 3 1 Z3_
.....uucaccaccuucuccacccagcG..... 16 1 Z3_
.....uucaccaccuucuccacccagAa..... 2 1 Z3_
.....uucaccaccuucuccacccagcC..... 10 1 Z3_
.....uucacAaccuucuccacccagca..... 1 1 Z3_
.....uucaccaccuucuccacccagcUu..... 1 1 Z3_
.....uucaccaccuucuccacccagcaA..... 5 1 Z3_
.....uucaccaccuucuccacccagcau..... 9 0 Z3_
.....uucaccaccuucuccacccagcauC..... 2 1 Z3_
.....uucaccaccuucuccacccagcauU..... 11 1 Z3_
.....ucaccaccuucuccacccag..... 2 0 Z3_
.....ucaccaccuucuccacccagca..... 4 0 Z3_
.....caccaccuucuccacccagA..... 1 1 Z3_

.......gaaucugugcucugggggAugugc..... 1 1 GDM
............ugugcucuggggcuguAc..... 1 1 GDM
.....cggguagagagggcaguggga..... 10 0 GDM
.....cggguagagagggcaguggga..... 10 0 GDM
.....cggguagagagggcagugggag..... 1 0 GDM
.....Ucuucaccaccuucuccacccag..... 1 1 GDM
.....cuucaccaccuucuccaccc..... 2 0 GDM
.....cuucaccaccuucuccaccca..... 3 0 GDM
.....cuucaccaccuucuccacccC..... 1 1 GDM
.....cuucaccaccuucuccaccca..... 3 0 GDM
.....cuucaccaccuucuccacccag..... 10 0 GDM
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.....cuucaccaccuucuccacccagcU..... 7 1 GDM
.....cuucaccaccuucuccacccagca..... 1 0 GDM
.....cuucaccaccuCcuccacccagca..... 1 1 GDM
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.....uucaccaccuucuccacU..... 7 1 GDM
.....uucaccaccuucuccacc..... 18 0 GDM
.....uucaccaccuucuccacc..... 18 0 GDM
.....uucaccaccuucuccacA..... 1 1 GDM
.....uucaccaccuucuccacc..... 18 0 GDM

Star Mature

ccuucuggaaucugugcucuggggcugugccggguagagagggcaguggagguaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu

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.....uucaccaccCucuccaccc.....	3	1	GDM
.....uucaccaccuCcuccaccc.....	3	1	GDM
.....uucaccaccuucuccGccc.....	2	1	GDM
.....uucaccaUcuucuccaccc.....	1	1	GDM
.....uucacAaccuucuccaccc.....	1	1	GDM
.....uucaccaccuucuccaccc.....	485	0	GDM
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.....uucaccacUuucuccaccc.....	2	1	GDM
.....uucaccaccuucuUcaccc.....	1	1	GDM
.....uucaccGccuucuccaccc.....	1	1	GDM
.....uucaccaccuCcuccaccc.....	3	1	GDM
.....uucaccaccuucuccaccG.....	4	1	GDM
.....uucGccaccuucuccaccc.....	3	1	GDM
.....Aucaccaccuucuccaccc.....	2	1	GDM
.....uuUaccaccuucuccaccc.....	2	1	GDM
.....uucaccaccuucuccCccc.....	1	1	GDM
.....uucaccaccuucuccaccU.....	131	1	GDM
.....uucaccaccuucuccaccG.....	4	1	GDM
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.....uucaccaccuucuccaccca.....	295	0	GDM
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.....uucaccaccuucuccacUca.....	2	1	GDM
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.....uucaccaccuucuccacccU.....	5	1	GDM
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.....uucaccaUcuucuccaccca.....	2	1	GDM
.....uucaccaccuucuUcaccca.....	1	1	GDM
.....uucacAaccuucuccaccca.....	1	1	GDM
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.....uucaGcaccuucuccaccca.....	1	1	GDM
.....uucaccaccuucCccaccca.....	1	1	GDM
.....Cucaccaccuucuccaccca.....	4	1	GDM
.....uucaccaccuucuccacccC.....	9	1	GDM
.....uucaccGccuucuccaccca.....	1	1	GDM
.....uucaccaccCucuccaccca.....	3	1	GDM
.....uucaccaccuucuccacccU.....	5	1	GDM
.....uucaccaccCucuccaccca.....	3	1	GDM
.....uucaccaccuucuccaccca.....	295	0	GDM
.....uucaccaccuucuccacccG.....	10	1	GDM
.....uCcaccaccuucuccaccca.....	3	1	GDM
.....uucaccaccuucuccacccU.....	5	1	GDM
.....uucaccaccuAcuccaccca.....	1	1	GDM
.....Cucaccaccuucuccaccca.....	4	1	GDM
.....uAcaccaccuucuccaccca.....	3	1	GDM
.....uucaccaccuucuccaccGa.....	10	1	GDM
.....uucaccaccuucuccacccC.....	9	1	GDM
.....uucaccaccuucuccacUca.....	2	1	GDM
.....uucaccaccuuUuccaccca.....	1	1	GDM
.....uucaccaccuucuccacccG.....	10	1	GDM
.....uucaccaccuucuccacccC.....	9	1	GDM
.....uucaccaccuucuccGcccag.....	13	1	GDM
.....uucaUcaccuucuccacccag.....	4	1	GDM
.....uucaccaccuucuccacccaC.....	2	1	GDM
.....uucaccaccuucuccaccUag.....	8	1	GDM
.....uucaccaccuAcuccacccag.....	11	1	GDM
.....uucaccaccuucuccacccGg.....	3	1	GDM

Star	Mature			
ccuucuggaaucugugcucuggggcugugccggguagagagggcagugggagguaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu				
.....	uucCccaccuucuccacccag.....	1	1	GDM
.....	uucaccaccuucucUacccag.....	7	1	GDM
.....	uucaccaccuucuccacGcag.....	1	1	GDM
.....	uucaccaccuucuccacccag.....	2817	0	GDM
.....	uucaccaccuAcuccacccag.....	11	1	GDM
.....	uucaccaccuucuccacccCg.....	16	1	GDM
.....	uucaccaccuucCccacccag.....	12	1	GDM
.....	uucacAaccuucuccacccag.....	2	1	GDM
.....	uucaccaccuucuccacccGg.....	3	1	GDM
.....	uucaccaccuucucUacccag.....	7	1	GDM
.....	uucaccacUuucuccacccag.....	2	1	GDM
.....	uAcaccaccuucuccacccag.....	7	1	GDM
.....	uucaccGccuucuccacccag.....	16	1	GDM
.....	uucaAcaccuucuccacccag.....	1	1	GDM
.....	uucaccaccuucuccacccaU.....	14	1	GDM
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.....	uucaccaccAucuccacccag.....	1	1	GDM
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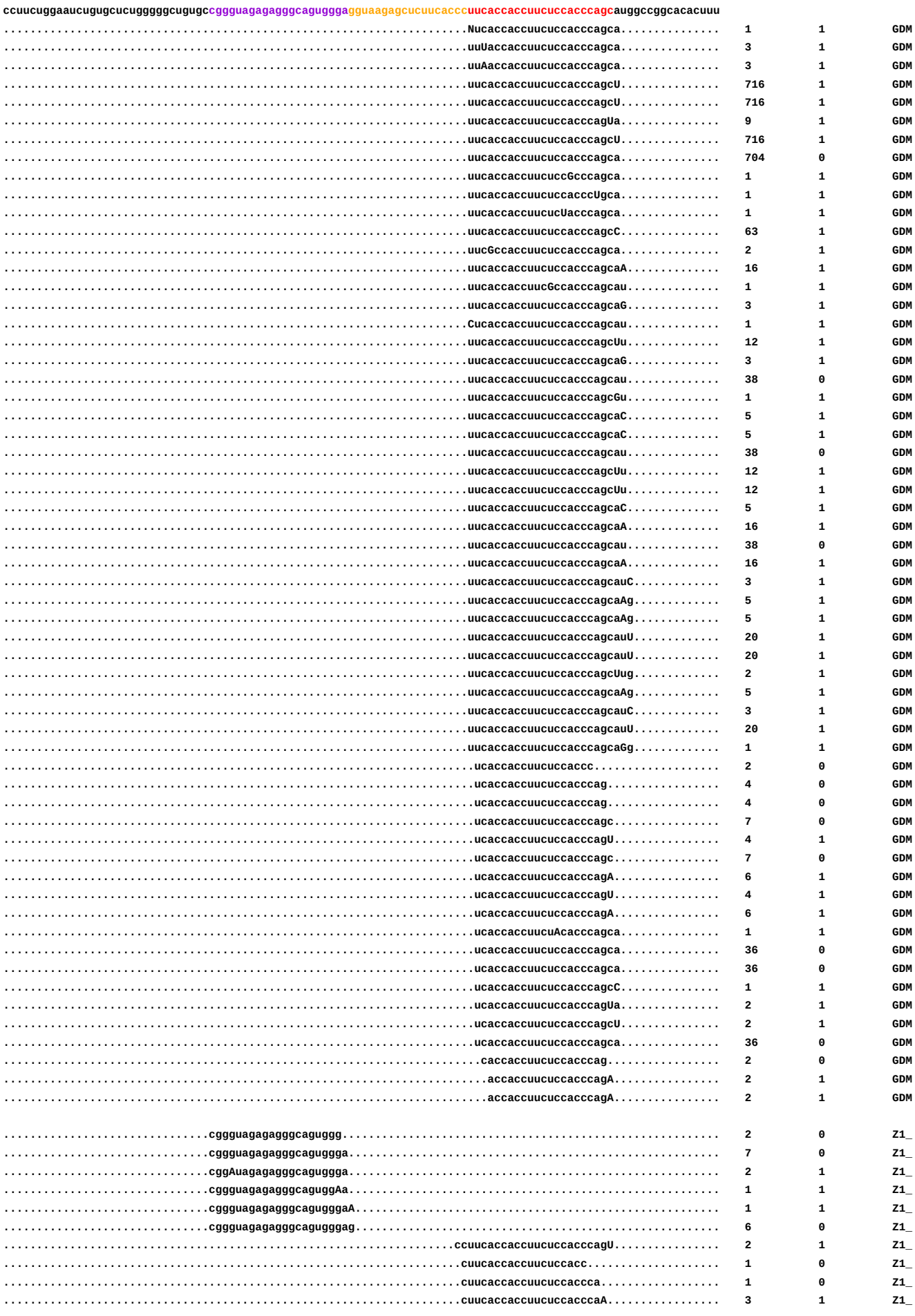
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.....uucaccaccCucuccacccagc.....	6	1	Z1_
.....uucaccaccuucuccacccagA.....	2408	1	Z1_
.....uucaccaccuucuccacccagc.....	2111	0	Z1_
.....uucaccaccuucuccacccUgc.....	3	1	Z1_
.....uucaccaccuucAccacccagc.....	1	1	Z1_
.....uucaccaccuucuccacUcagc.....	6	1	Z1_
.....Aucaccaccuucuccacccagc.....	5	1	Z1_
.....uucaccaccuucuccacccagGa.....	2	1	Z1_
.....uucaccaccuCcuccacccagca.....	6	1	Z1_
.....uuAaccaccuucuccacccagca.....	1	1	Z1_
.....uucaccaccCucuccacccagca.....	6	1	Z1_
.....uucaccGccuucuccacccagca.....	3	1	Z1_
.....uucaccaccuucuccacAcagca.....	1	1	Z1_
.....uucaccaccuucuccGcccagca.....	3	1	Z1_
.....uucaccaccuucuccaUccagca.....	1	1	Z1_
.....uucaccaccuAcuccacccagca.....	2	1	Z1_
.....uucaccaccuucuccacccagca.....	428	0	Z1_
.....uucaccaccuucuccaccAagca.....	1	1	Z1_
.....uucaccaccuucucUacccagca.....	1	1	Z1_
.....uucaccaccuucuccacccagcG.....	48	1	Z1_
.....uucaccaccuucuccacccagAa.....	2	1	Z1_
.....uucaccaccuucCccacccagca.....	4	1	Z1_
.....uucaccaccuucuccacUcagca.....	2	1	Z1_
.....Cucaccaccuucuccacccagca.....	3	1	Z1_
.....uucaccaccuGcuccacccagca.....	1	1	Z1_
.....uucaccaccAucuccacccagca.....	1	1	Z1_
.....uucaccaccuucuccaccUagca.....	1	1	Z1_
.....uGcaccaccuucuccacccagca.....	1	1	Z1_
.....uucaccaccuucuccacccagUa.....	9	1	Z1_
.....uucGccaccuucuccacccagca.....	2	1	Z1_
.....uucaccaccuucuccacccagcU.....	516	1	Z1_
.....uucaccaccuucuccacccagcC.....	35	1	Z1_
.....uCcaccaccuucuccacccagca.....	1	1	Z1_
.....Gucaccaccuucuccacccagca.....	2	1	Z1_
.....uucaccaccuucuUcacccagcau.....	1	1	Z1_
.....uucaccaccuucuccacccagcaA.....	24	1	Z1_
.....uucaccaccuucuccacccagAau.....	2	1	Z1_
.....uucaccaccuucuccacccagcGu.....	1	1	Z1_
.....uucaccaccuucuccacccagcUu.....	8	1	Z1_
.....uucaccaccuucuccacccagcaC.....	1	1	Z1_
.....uucNccaccuucuccacccagcau.....	1	1	Z1_
.....uucaccaccuucuccacccagcau.....	25	0	Z1_
.....uucaccaccuuAuccacccagcau.....	1	1	Z1_
.....uucaccaccuucuccacccagcCu.....	1	1	Z1_
.....uucaccaccuucuccacccagcauU.....	20	1	Z1_
.....uucaccaccuucuccacccagcauA.....	4	1	Z1_
.....uucaccaccuucuccacccagcauC.....	1	1	Z1_
.....uucaccaccuucuccacccagcaAg.....	2	1	Z1_
.....ucaccaccuucuccacccag.....	2	0	Z1_
.....ucaccaccuucuccacccagc.....	11	0	Z1_
.....ucaccaccuucuccacccagA.....	4	1	Z1_
.....ucaccaccuucuccacccagca.....	23	0	Z1_

Star Mature

ccuucuggaaucugugcucuggggcugugccggguagagagggcaguggagguaagagcucuucacccuucaccaccuucuccacccagcauggccggcacacuuu

.....ucaccaccuucuccGcccagca.....	1	1	Z1_
.....ucaccaccuucuccacccagcU.....	1	1	Z1_
.....ucaccaccuucuccacccGgca.....	1	1	Z1_
.....Acaccaccuucuccacccagca.....	1	1	Z1_
.....ucaccaccuucuccacccagcaG.....	1	1	Z1_
.....ucaccaccuucuccacccagcaC.....	1	1	Z1_