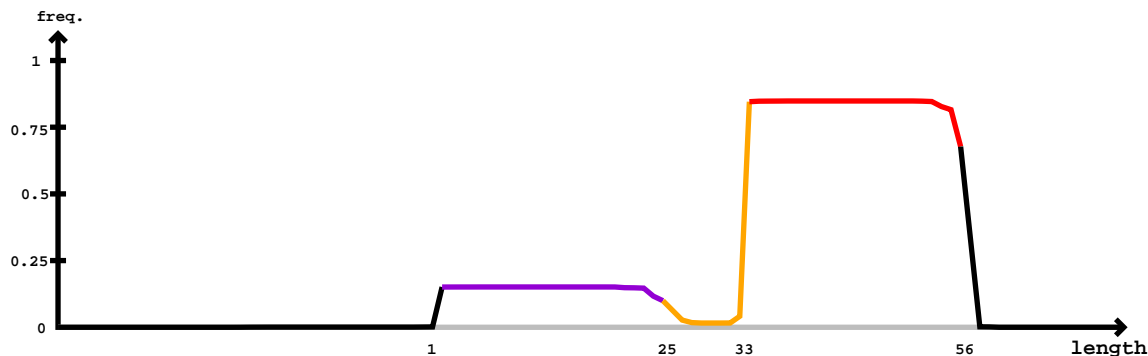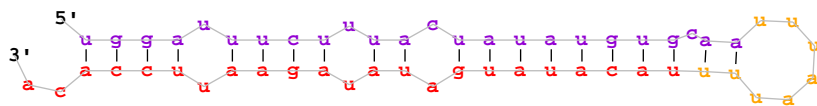Provisional ID   : chromosome_10_374053
Score total   : 7496.5
Score for star read(s) :   3.9
Score for read counts : 7490.5
Score for mfe   :   0.6
Score for randfold   :   1.6
Score for cons. seed   :
Total read count   : 14704
Mature read count   : 12445
Loop read count   :   0
Star read count   : 2259


```
                                                Star              Mature

5'- cccuacuggaugugugggugaauuuugucacagcugucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagaugua  -3'     obs
    cccuacuggaugugugggugaauuuugucacagcugucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagaugua          exp
    ..(((((.......)))).........(((((((((((..((((.(((((.((.((((((((((.((......)))))))))))).)).)))).))))..))))))))).)))....  reads     mm     sample
    ...................................uggauuucuuuacuauaugugc.................................................     3       0      s01
    ...................................Cggauuucuuuacuauaugugc.................................................     1       1      s01
    ...................................uggauuucuuuacuauaugugU.................................................     1       1      s01
    ...................................uggauuucuuuacuauaugugUaa...............................................     1       1      s01
    ...................................uggauuucuuuacuauaugugcGa...............................................     1       1      s01
    ...................................uggauuucuuuacuauaugugcaa...............................................     5       0      s01
    .............................................uuuaauuuuacauaugauauagaauuccac...............................     7       0      s01
    .............................................uacauaugauauagaauucca.......................................     1       0      s01
    .............................................uacauaugauauagaauuccaU.......................................     1       1      s01
    .............................................uacauaugauauagaauuccac.......................................     3       0      s01
    .............................................uacauaugauauagaauuccacU.......................................     1       1      s01
    .............................................uacauaugauauagaauuccaca......................................    12       0      s01

    ...................................uggauuucCuuacuauaugugc.................................................     1       1      s17
    ...................................uggauuucuuuacuauaugugc.................................................     2       0      s17
    ...................................uggauuucuuuacuauaugugcaa...............................................     5       0      s17
    ...................................uggauuucuuuacuaAaugugcaa...............................................     1       1      s17
    ...................................uggauuucuuuacuauaugugcGa...............................................     1       1      s17
    ...................................uggauuucuuuacuauaugugcaau..............................................     1       0      s17
    ...................................uggauuucuuuacuauaugugcaauuA............................................     1       1      s17
    .............................................uuuaauuuuacauaugauauagaauuccac...............................     1       0      s17
    .............................................uuacauaugauauagaauuccaca.....................................     2       0      s17
    .............................................uuacauaugauauagaauuccacU.....................................     1       1      s17
    .............................................uuacauaugauauagaauuccacC.....................................     2       1      s17
    .............................................uacauaugauauagaauucc........................................     1       0      s17
    .............................................uacauaugauauagaauuccaU.......................................     3       1      s17
    .............................................uacauaugGuauagaauuccac.......................................     1       1      s17
    .............................................uacauaugauauagaauuccac.......................................    13       0      s17
    .............................................uacauaugauauagaaCuccaca......................................     1       1      s17
    .............................................uacauaugauauagaauuccaca......................................    32       0      s17
    .............................................uacGuaugauauagaauuccaca......................................     1       1      s17
    .............................................uacauaugauauagaauuccacU.......................................    17       1      s17
    .............................................uacauaugauauagaauuccacC.......................................     2       1      s17
```

Star   **Mature**

cccuacuggaugugugugugaauuuugucacagcuguca**uggauuucuuuacuauaugugcaa****uuuaauuu****uacauaugauauagaauuccaca**acaguuguagauggua

Sequence	n1	n2	ID
....uacauaugauauagaauuccacG...............	1	1	s17
....uacauaugauauagaauuccGca...............	1	1	s17
....uacauaugauauagaauuccUca...............	1	1	s17
....uacauaugauauagaauuccacaC..............	3	1	s17
....acauaugauauagaauuccaca................	1	0	s17
...................gaauuuugucacagAuguca..	1	1	s10
...................gaauuuugucacagcuguca..	1	0	s10
..............................auggauuucuuuacuauaugugcaau...	1	0	s10
..............................uggauuucuuuacuauaug..	1	0	s10
..............................uggauuucuuuacuauaugug..	1	0	s10
..............................uggauuucuuuacuauCugugc...	1	1	s10
..............................uggauuucuuuacuauaugugU...	4	1	s10
..............................uggauuucuuuacuauaugugc...	23	0	s10
..............................uggauuucuuuacuauaugugcU..	1	1	s10
..............................uggauuucuuuacuauaugugcC..	1	1	s10
..............................uggauuucuuuacuauaugugca..	7	0	s10
..............................uggauuucuuuacuaGaugugca..	1	1	s10
..............................uggCuuucuuuacuauaugugcaa...	1	1	s10
..............................uggauuucuuuacuauaugugcaa...	44	0	s10
..............................uggauuucuuuacuauaugugcUa...	1	1	s10
..............................uggauuucuCuacuauaugugcaa...	1	1	s10
..............................uggauuucuuuacuCuaugugcaa...	1	1	s10
..............................uggauuAcuuuacuauaugugcaa...	1	1	s10
..............................uggauuucuuuacuauUugugcaau..	1	1	s10
..............................uUgauuucuuuacuauaugugcaau..	1	1	s10
..............................uggauuucuuuacuauaugugcaaA..	1	1	s10
..............................uggauuAcuuuacuauaugugcaau..	1	1	s10
..............................uggauuucuuuacuauaugugcaaC..	6	1	s10
..............................uggauuucuuuacuauaugugcaau..	23	0	s10
..............................uggauuucuuuacuauaugugcaauu...	2	0	s10
..............................uggauuucuuuacuauaugugcaauC...	1	1	s10
..............................uggauuucuuuacuauaugugcaauAu..	2	1	s10
..............................uuucuuuacuauaugugcaaC..	2	1	s10
....uuuaauuuuacauaugauauagaauuccaU.................	1	1	s10
....uuuaauuuuacauaugauauagaauuccac..................	9	0	s10
....uuuacauaugauauagaauuccaca................	1	0	s10
....uuacauaugauauagaauucc....................	1	0	s10
....uuacauaugauauagaauucca...................	3	0	s10
....uuacauaugauauagaauuccac..................	1	0	s10
....uuacauaugauauagaauuccaU.................	1	1	s10
....uuacauaugauauagaauuccacU................	11	1	s10
....uuacauaugauauagaauuccaca................	1	0	s10
....uuacauaugauauagaauuccacC................	1	1	s10
....uuacauaugauauagaauuccacaU...............	1	1	s10
....uacauaugauauagaauu......................	3	0	s10
....Aacauaugauauagaauuc.....................	1	1	s10
....uacauaugauauagaauuc.....................	1	0	s10
....uacauaugauauagaauuU.....................	1	1	s10
....uacauaugauauagaauucU....................	5	1	s10
....uacauaugauauagaauucA....................	2	1	s10
....uacauaugauauagaauucc....................	4	0	s10
....uacauaugauauagaauucca...................	1	0	s10
....uacauaugauauagaauuccaA..................	3	1	s10
....uacauauCauauagaauuccac..................	1	1	s10
....uacauaugauauagaauuGcac..................	1	1	s10
....uacauaugauauagaauuccaU..................	13	1	s10
....uaGauugauauagaauuccac..................	2	1	s10
....uacauaugauauaAaauuccac..................	2	1	s10
....uGcauaugauauagaauuccac..................	6	1	s10
....Aacauaugauauagaauuccac..................	2	1	s10
....uacauaugauGuagaauuccac..................	1	1	s10
....uacauaugauauagaauCccac..................	1	1	s10
....uacauaugauaCagaauuccac..................	1	1	s10
....uacauaugauaUaauuccac..................	2	1	s10
....uacauaugauauagaauuccac..................	75	0	s10
....uacauaugauaGagaauuccaca.................	1	1	s10
....uacauaugauauagaauCccaca.................	6	1	s10
....uacauaugauauagaauuccaAa.................	2	1	s10
....uacauaugauauagaauuccaca.................	655	0	s10

Star   Mature

`cccuacuggaugugugguugaauuuugucacagcuguca``uggauuucuuuacuauaugugcaa``uuuaauuu``uacauaugauauagaauuccaca``acaguuguagauggua`

Sequence	Count	Flag	Label
........uacauaugauauagaauuccacG........	17	1	s10
........uGcauaugauauagaauuccaca........	2	1	s10
........uacauCugauauagaauuccaca........	1	1	s10
........uacauaAgauauagaauuccaca........	1	1	s10
........uacauaugauauagaauuAcaca........	1	1	s10
........uacauaugauauagaauuccaUa........	5	1	s10
........uacauaugauauagUauuccaca........	1	1	s10
........uacauaugauauagaGuuccaca........	3	1	s10
........uacauaugauauagaauuccacC........	13	1	s10
........uacauaugauauagaaGuccaca........	1	1	s10
........uacauaugaGauagaauuccaca........	1	1	s10
........Cacauaugauauagaauuccaca........	1	1	s10
........uacauaugauauaAaauuccaca........	1	1	s10
........uacauaCgauauagaauuccaca........	2	1	s10
........uacauaugauauagaauGccaca........	1	1	s10
........uacauaugauGuagaauuccaca........	2	1	s10
........uacauaGgauauagaauuccaca........	1	1	s10
........uacauaugauauagaUuuccaca........	2	1	s10
........uacauaugauauagaauuccacU........	137	1	s10
........uacauaugauaCagaauuccaca........	1	1	s10
........uacauaugauauagaauuUcaca........	1	1	s10
........uacaCaugauauagaauuccaca........	1	1	s10
........uacGuaugauauagaauuccaca........	2	1	s10
........uacauaugauauagaauccGca........	3	1	s10
........uaUauaugauauagaauuccaca........	1	1	s10
........Aacauaugauauagaauuccaca........	8	1	s10
........uacauaugauauagaauuccacaG........	1	1	s10
........uGcauaugauauagaauuccacaa........	1	1	s10
........uacauaugauauagaauuccacaa........	1	0	s10
........uacauaugauauagaauuccacaU........	9	1	s10
........acauaugauauagaauuccaca........	1	0	s10
........auuuugucacagcuguca........	1	0	s19
........cauggauuucuuuacuauaugugcaa........	1	0	s19
........uggauuucuuuacuauaug........	7	0	s19
........uggauuucuuuacuauGug........	1	1	s19
........uggauuucuuuacuauaugugU........	3	1	s19
........uggauuucuuuacuauaugugA........	2	1	s19
........uggauuucuuuacuauaugugc........	17	0	s19
........uggauuucuuuacuauaugugca........	5	0	s19
........uggauuucuuuacuauaugugcaa........	15	0	s19
........uggauuucuuuacuauUugugcaa........	1	1	s19
........uggauuucuuuacCauaugugcaa........	1	1	s19
........Aggauuucuuuacuauaugugcaa........	1	1	s19
........uggauuucuuuaAuauaugugcaa........	1	1	s19
........uggauuucuGuacuauaugugcaa........	1	1	s19
........uggauuucuuuacuauaugugcaGu........	1	1	s19
........uggauuucuuuacuauaugugcaaC........	2	1	s19
........uggauuucuuuacuauaugugcaau........	9	0	s19
........uggauuucuuuacuauaugugcaaA........	2	1	s19
........uggauuucuuuacuauaugugcaauu........	1	0	s19
........uuuaauuuuacauaugauauagaauuccac........	3	0	s19
........uuacauaugauauagaauCcca........	1	1	s19
........uuacauaugauauagaauuccac........	1	0	s19
........uuacauaugauauagaauuccacC........	1	1	s19
........uuacauaugauauagaauuccacU........	3	1	s19
........uacauaugauauagaauuA........	1	1	s19
........uacauaugauauagaauuc........	2	0	s19
........uacauaugauauagaauucA........	2	1	s19
........uacauaugauauagaauucU........	1	1	s19
........uacauaugauauagaauucc........	7	0	s19
........uacauaugauauagaauucca........	13	0	s19
........uacauaugauauagaauucUac........	1	1	s19
........uacauaugauauagaaCuccac........	2	1	s19
........uacauaugauauaCaauuccac........	1	1	s19
........uacauaugauaAagaauuccac........	1	1	s19
........uacaCaugauauagaauuccac........	2	1	s19
........uacauaugauauagaauuccac........	108	0	s19
`cccuacuggaugugugguugaauuuugucacagcuguca``uggauuucuuuacuauaugugcaa``uuuaauuu`uacauaugauauagaauuccaU........`acaguuguagauggua`	16	1	s19
........uacauaugauauaAaauuccac........	1	1	s19

cccuacuggauguguggugaauuuugucacagcgucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagauggua

Sequence	count	mm	label
....uacauaugGuauagaauccac.................	1	1	s19
....uacauaugauauagaauccaA.................	1	1	s19
....uacauaGgauauagaauuccaca................	1	1	s19
....uacauGugauauagaauuccaca................	1	1	s19
....uacauaAgauauagaauuccaca................	1	1	s19
....Aacauaugauauagaauuccaca................	1	1	s19
....uacauaugauauagaauuccacC................	4	1	s19
....uacauaugaAauagaauuccaca................	1	1	s19
....uacauaugauauagaauuccacU................	38	1	s19
....uacauaugauauagaauCccaca................	2	1	s19
....uacauaugauauagaauuccaUa................	2	1	s19
....uacGuaugauauagaauuccaca................	2	1	s19
....uacauaugauauagaauuccCca................	2	1	s19
....uaAauaugauauagaauuccaca................	1	1	s19
....uacauaugauauagaauuccaca................	376	0	s19
....uacaCaugauauagaauuccaca................	1	1	s19
....uacauaugauauCgaauuccaca................	1	1	s19
....uacauaugaCauagaauuccaca................	1	1	s19
....uacauaugauauagaauuccacG................	7	1	s19
....uacauaugauGuagaauuccaca................	1	1	s19
....uacauaugauaCagaauuccaca................	2	1	s19
....uacauaugauauagaauuccacaU...............	3	1	s19
....acauaugauauagaauuccaca................	1	0	s19
....cauaugauauagaauuccacaU...............	1	1	s19
....uaugauauagaauuccaca................	3	0	s19
....uggauuucuuuacuauaugugc...	1	0	s14
....uggauuucuuuacuauaugugca..	2	0	s14
....uggauuucuuuacuauaugugcaa...	9	0	s14
....uggauuucuuuacCauaugugcaa...	1	1	s14
....uggauuucuuuacuauaugugcaau..	1	0	s14
....uggauuucuuuacuauaugugcaaC..	1	1	s14
....uuuaauuuuacauaugauauagGauuccac.................	1	1	s14
....uuuaauuuuacauaugauauagaauuccac.................	5	0	s14
....uuacauaugauauagaauucc...................	1	0	s14
....uacauaugauauagaauucc...................	4	0	s14
....uacauaugauauagaauucA.................	2	1	s14
....uacauaugauauagaauuccac.................	7	0	s14
....Aacauaugauauagaauuccaca...............	1	1	s14
....uacauaugauauagaauuccacU...............	11	1	s14
....uacaCaugauauagaauuccaca...............	1	1	s14
....uacauaugGuauagaauuccaca...............	1	1	s14
....uacauaugauauagaauuccacC...............	2	1	s14
....uacauaugauauagaauuccaca...............	24	0	s14
...............ugaauuuugucacagcguguca..	1	0	s12
..................auggauuucuuuacuauaugugc..	1	0	s12
...................uggauuucuuuacuauaGg...	1	1	s12
...................uggauuucuuuacuauaug...	5	0	s12
...................uggauuucuuuacuauauA...	1	1	s12
...................uggauuucuuuacuauaugC...	2	1	s12
...................uggauuucuuuacuauaugug..	2	0	s12
...................uggauuucuuuacuauaugugA...	3	1	s12
...................uggauuucuuuacuauaugugc...	41	0	s12
...................uggauuucuuuacuauaugugU...	24	1	s12
...................uggauuucuuuacuauaugugcC..	2	1	s12
...................uggauuucuuuacuauaugugcG..	1	1	s12
...................uggauuucuuuacuauGugugca...	2	1	s12
...................uggauuucuuuacuauaugugca..	21	0	s12
...................uggauuucuuuacuauaugugGa..	1	1	s12
...................uggauuucuuuacuauaugugcaa...	102	0	s12
...................uggauuucuuuaAuauaugugcaa...	1	1	s12
...................Aggauuucuuuacuauaugugcaa...	1	1	s12
...................uggauuucuuuacuauaugugcaG...	2	1	s12
...................uggauuucuuuacuauaugugcaU...	4	1	s12
...................uggauuucCuuacuauaugugcaa...	1	1	s12
...................uggauuuAuuuacuauaugugcaa...	1	1	s12
...................uggauCucuuuacuauaugugcaa...	1	1	s12
...................uggauuucuuuacuauauGgcauuuaauuuacauaugauauagaauuccaca....................................	1	1	s12
...................uggCuucuuuacuauaugugcaa...	1	1	s12

cccuacuggaugugugugaauuuugucacagcuguca**uggauuucuuuacuauaugugcaa**uuuaauuuuuacauaugauauagaauuccacaacaguuguagauggua

```
................................................uggauuucuuuacuauaugugUaa.................................................  2    1    s12
..............................................uggauuucuuuacuauGugugcaa...................................................  1    1    s12
..............................................uggauuucuuuacuauaugugcGa...................................................  2    1    s12
..............................................uggauuucuuuaUuauaugugcaa...................................................  2    1    s12
..............................................uggauuucuuuacuauaugugcaGu..................................................  1    1    s12
..............................................uggauuucuuuacuauaugCgcaau.................................................  1    1    s12
..............................................ugUauuucuuuacuauaugugcaau.................................................  1    1    s12
..............................................uggauuAcuuuacuauaugugcaau.................................................  1    1    s12
..............................................uggauuucuuuacuauaugugcaUu.................................................  3    1    s12
..............................................uggauuucuuuacuauaugugcaaC.................................................  3    1    s12
..............................................uggauuucuuuacuauaugugcaau.................................................  40   0    s12
..............................................uggauuucuuCacuauaugugcaau.................................................  2    1    s12
..............................................Cggauuucuuuacuauaugugcaau.................................................  2    1    s12
..............................................uggauuucuuuacuauaugugcaauu................................................  15   0    s12
..............................................uggauuucuuuacuauaugugcaauA................................................  3    1    s12
..............................................................uuuaauuuuacauaugauauagaauCccac.............................  1    1    s12
..............................................................uuuGauuuuacauaugauauagaauuccac.............................  2    1    s12
..............................................................uCuaauuuuacauaugauauagaauuccac.............................  1    1    s12
..............................................................uuuaauuuuacauaugauauagaauuccac.............................  27   0    s12
..............................................................uuuaauuuuacauaugauauagaauGccac.............................  1    1    s12
..............................................................uuuaauuuuacauaCauuagaauuccac...............................  1    1    s12
................................................................uCuacauaugauauagaauuccaca...............................  2    1    s12
..................................................................uuacauaugauauagaauucc.................................  1    0    s12
..................................................................uuacauaugauauagaauucU.................................  5    1    s12
..................................................................uuacauaugauauagaauccU.................................  1    1    s12
..................................................................uuacauaugauauagaauucca................................  3    0    s12
..................................................................uuacauaugauauagaauuccaU...............................  2    1    s12
..................................................................uuacauaugauauagaauuccaca..............................  3    0    s12
..................................................................uuacauaugauauagaauuccacC..............................  3    1    s12
..................................................................uuacauaugauauagaauuccacU..............................  9    1    s12
....................................................................uacauaugauauagGauucc................................  1    1    s12
....................................................................uacauaugauauagaauucU................................  2    1    s12
....................................................................uacauaugauauagaauucc................................  10   0    s12
....................................................................uacauaugauauagaauucca...............................  5    0    s12
....................................................................uacauaugauauagaauuccaA..............................  3    1    s12
....................................................................uacauaugauauagaaCuccac..............................  2    1    s12
....................................................................uacauaCgauauagaauuccac..............................  1    1    s12
....................................................................uacauaugauauaUaauuccac..............................  1    1    s12
....................................................................uacauUugauauagaauuccac..............................  1    1    s12
....................................................................Aacauaugauauagaauuccac..............................  1    1    s12
....................................................................uacauaugauauagaauuccaU..............................  31   1    s12
....................................................................uacauaugaGauagaauuccac..............................  1    1    s12
....................................................................uacauaugauauagaauucGac..............................  1    1    s12
....................................................................uacauaugauaCagaauuccac..............................  1    1    s12
....................................................................uacauaugauauagaauuccac..............................  135  0    s12
....................................................................uacauaugauauagaauCccac..............................  1    1    s12
....................................................................uacauaugauauagaGuccaca..............................  2    1    s12
....................................................................uacauaugauauagaauccUca..............................  1    1    s12
....................................................................uGcauaugauauagaauuccaca.............................  5    1    s12
....................................................................uacauGugauauagaauuccaca.............................  3    1    s12
....................................................................uacauaugauaCagaauuccaca.............................  3    1    s12
....................................................................uacauaAgauauagaauuccaca.............................  1    1    s12
....................................................................uacauaugauauUgaauuccaca.............................  1    1    s12
....................................................................Cacauaugauauagaauuccaca.............................  6    1    s12
....................................................................uacauaugauauagaauuUcaca.............................  3    1    s12
....................................................................uacauaugauauagaauuccacC.............................  23   1    s12
....................................................................uacauUugauauagaauuccaca.............................  1    1    s12
....................................................................uacauaugauauagGauuccaca.............................  2    1    s12
....................................................................uacauaugauauagaaCuccaca.............................  3    1    s12
....................................................................uacauaugauauagaauccGca..............................  1    1    s12
....................................................................uacauaugGuauagaauuccaca.............................  1    1    s12
....................................................................uacauaugUuauagaauuccaca.............................  1    1    s12
....................................................................uacauaugauauagaauuccacG.............................  31   1    s12
....................................................................uacauaugauauagaauuccaUa.............................  4    1    s12
....................................................................uacauaugauauagaauuccacU.............................  130  1    s12
....................................................................uacauaugauauagaauuccCca.............................  1    1    s12
....................................................................uacauaugauauagaauuccaca.............................  714  0    s12
....................................................................uacauaugauauagaauuccaAa.............................  2    1    s12
cccuacuggaugugugugaauuuugucacagcugucauggauuucuuuacuauaugugcaauuuaauuuu....uacauaugauGuagaauuccaca.........................  1    1    s12
.........................................................uacauaCgauauagaauuccaca........................................  2    1    s12
```

cccuacuggaugugugugaauuuugucacagcgucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagauggua

....uacauaugauauagaauCccaca.................	4	1	s12
....Aacauaugauauagaauuccaca................	8	1	s12
....uacauaugauauagaGuuccaca.................	1	1	s12
....uacauaugaCauagaauuccaca.................	2	1	s12
....uacGuaugauauagaauuccaca.................	4	1	s12
....uacUuaugauauagaauuccaca.................	1	1	s12
....uacauaugaGauagaauuccaca.................	3	1	s12
....uacauaugauauaUaauuccaca.................	1	1	s12
....uacauCugauauagaauuccaca.................	1	1	s12
....uacaCaugauauagaauuccaca.................	2	1	s12
....uUcauaugauauagaauuccaca.................	1	1	s12
....uacauaugauauagaauuccacaU...............	12	1	s12
....uacauaugauauagaauuccacaa...............	4	0	s12
....uacauaugauauagaauuccacaC...............	2	1	s12
....uacauaAgauauagaauuccacaa...............	1	1	s12
....uacauaugauauagaauuccacaaU..............	2	1	s12
....acauaugauauagaauuccaca................	1	0	s12
....cauaugauauagaauuccacaacU.............	3	1	s12
....uaugauauagaauuccacaacU.............	1	1	s12
....uggauuucuuuacuauaug..	1	0	s13
....uggauuucuuuacuauaugug..	1	0	s13
....uggauuucuuuacuauaugugU...	1	1	s13
....uggauuucuuuacuauaugugc...	5	0	s13
....uggauuucuuuacuauauguUc..	1	1	s13
....uggauuucuuuacuauaugugca..	5	0	s13
....uggauuucuuuacuauaugugcaG.......................................	2	1	s13
....uggauuucuuuacuauaugugcGa.......................................	3	1	s13
....uggauuucuuuacuauaugugcaa.......................................	25	0	s13
....uggauuucuuuacuauaugugcaau......................................	2	0	s13
....uggauuucCuuacuauaugugcaau......................................	1	1	s13
....uuuaauuuuacauaCgauauagaauuccac.................	2	1	s13
....uuuaauuuuacauaugauauagaauuccac.................	8	0	s13
....uuacauaugauauagaauucA...................	2	1	s13
....uuacauaugauauagaauucca...................	4	0	s13
....uuacauaugauauagaauuccac..................	4	0	s13
....uuacauaugauauagaauuccaca.................	4	0	s13
....uuacauaugauauagaauuccacC.................	1	1	s13
....Cuacauaugauauagaauuccaca................	1	1	s13
....uuacauaugauauagaauuccacU.................	1	1	s13
....uacauaugauauagaauucU....................	1	1	s13
....uacauaugauauagaauucc....................	4	0	s13
....uacauaugauauagaauucca...................	3	0	s13
....uacauaugauauagGauuccac..................	1	1	s13
....uacauaugauaCagaauuccac..................	1	1	s13
....uacauaugauauagaUuuccac..................	1	1	s13
....Cacauaugauauagaauuccac..................	1	1	s13
....uacauaugauauagaauuccaU..................	3	1	s13
....uacauaugauauagaauuccac..................	39	0	s13
....uaUauaugauauagaauuccac.................	2	1	s13
....Gacauaugauauagaauuccaca.................	1	1	s13
....Aacauaugauauagaauuccaca.................	4	1	s13
....uacauaugauauagaauuccacU.................	24	1	s13
....uacauaugauauagaauCccaca.................	1	1	s13
....uacauaugauauagaauuccacC.................	6	1	s13
....uacauaugauauagaauuccaUa.................	1	1	s13
....uacauaGgauauagaauuccaca.................	1	1	s13
....uacauaugauauagaaGuccaca.................	1	1	s13
....uacauaugGuauagaauuccaca.................	5	1	s13
....uacauaugauauagaauuUcaca.................	1	1	s13
....uacauaAgauauagaauuccaca.................	1	1	s13
....uacauaugauauaAaauuccaca.................	1	1	s13
....uacauaugauaCagaauuccaca.................	2	1	s13
....uacaCaugauauagaauuccaca.................	1	1	s13
....uacauaugauauagaauuccGca.................	2	1	s13
....uacauaugauauagGauuccaca.................	2	1	s13
....uacauaCgauauagaauuccaca.................	1	1	s13
....uacauaugauauagaauuccacG.................	2	1	s13
....uacauaugauauagaauuccUca.................	3	1	s13
....uacauaugauGuagaauuccaca.................	1	1	s13

Star   **Mature**

cccuacuggaugugugugugaauuuugucacagcugucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagauggua

....uacauaugauauagaauuccaca................	172	0	s13
....uacauaugauauagaauuGcaca................	1	1	s13
....uacauaugauauagaaCuccaca................	1	1	s13
....uacauaugauauagaauuccacaC...............	1	1	s13
....uacauaugauauagaauuccacaU...............	5	1	s13
....auaugauauagaauuccaca................	1	0	s13
....auaugauauagaauuccacU................	2	1	s13
.............ugaauuuugucacagcgucG..	1	1	s05
........................cauggauuucuuuacuauaugugU...	2	1	s05
.........................auggauuucuuuacuauaguA..	1	1	s05
..........................uggauuucuuuacuauaug...	2	0	s05
..........................uggauuucuuuacuauaugug...	3	0	s05
..........................uggauuucuuuacuauaugugU..	8	1	s05
..........................uggauuucCuuacuauaugugc..	1	1	s05
..........................uggauuucuuuacuauaugugc..	19	0	s05
..........................uggauuucuuuacuauaugugA..	1	1	s05
.........................Aggauuucuuuacuauaugugc...	1	1	s05
..........................uggauuucuuuacuauaugugcG...	1	1	s05
..........................uggauuucuuuacuauaugugcU...	1	1	s05
..........................uggauuCcuuacuauaugugca..	1	1	s05
..........................uggauuucuuuacuauaugugca...	23	0	s05
..........................uggauuucuuuacuaCaugugcaa..	1	1	s05
..........................uggauuucuuuacuauaugugcaa..	59	0	s05
..........................uggauuucuuuacuauaguAcaa...	1	1	s05
..........................uggauuucuuuacuauaugugcaC..	1	1	s05
..........................uggauuucuuuacuauaugugcaau...	22	0	s05
..........................uggauuucuuuacuauauguAcaau...	1	1	s05
..........................uggauuCcuuacuauaugugcaau..	1	1	s05
..........................uggauuucuuuacuauaugugcaaC...	3	1	s05
..........................uggauuucuuuacuauaugugcaaG...	1	1	s05
..........................uggauuucuuuacuauaugugcaaGu..	3	1	s05
..........................uggGuuucuuuacuauaugugcaauu..	1	1	s05
..........................uggauuucuuuacuauaugugcaauu..	9	0	s05
....uuuaauuuuacauaugauauagaauuccCc.................	1	1	s05
....uuuaauuuuacauaugauauagaauuccac.................	7	0	s05
....uuuaauuuAacauaugauauagaauuccac.................	1	1	s05
....uuacauaugauauagaauucA....................	1	1	s05
....uuacauaugauauagaauucc....................	4	0	s05
....uuacauaugCuauagaauucca...................	1	1	s05
....uuacauaugauauagaauucca...................	3	0	s05
....uuacauaugauauagaauuccU...................	1	1	s05
....uuacGuaugauauagaauucca...................	1	1	s05
....uuacauaugauauagaauuccac..................	2	0	s05
....uuacauaugauauagaauuccacU.................	3	1	s05
....uuacauaugauauagaauuccaca.................	6	0	s05
....uacauaugauauagaauuc....................	2	0	s05
....uacauaugauauagaauucc...................	3	0	s05
....uacauaugauauagaauucG...................	1	1	s05
....uacauaugauauagaauucA...................	1	1	s05
....uacauaugauauagaauucU...................	6	1	s05
....uacauaugauauagaauucca..................	4	0	s05
....uacauaugauauagaauuccC..................	2	1	s05
....uacauaugauauagaauuccU..................	2	1	s05
....uacauaugGuauagaauuccac.................	1	1	s05
....uacauaCgauauagaauuccac.................	1	1	s05
....uacauaugauauagaUuuccac.................	1	1	s05
....uacauaugauauagaauuccaU.................	22	1	s05
....uacauaugauauagaauuGcac.................	1	1	s05
....uacauaugauauagaauuccaA.................	1	1	s05
....uacauaugauauagaaCuccac.................	1	1	s05
....uacauaugauauagaauuccac.................	88	0	s05
....uacauGugauauagaauuccac.................	1	1	s05
....uacauaugauauagGauuccac.................	1	1	s05
....uacauaugauauagaauuccacG................	15	1	s05
....Cacauaugauauagaauuccaca................	2	1	s05
....uacGuaugauauagaauuccaca................	1	1	s05
....uacauagaGauagaauuccaca................	3	1	s05
....uacauaugauauagaauuccacU................	107	1	s05
....Aacauaugauauagaauuccaca................	2	1	s05

Star   **Mature**

cccuacuggaugugugugaauuuugucacagcguucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagauggua

Sequence	Count	Mismatch	Sample
....uacauaugauauagaauuccGca...............	3	1	s05
....uacauaugauCuagaauuccaca...............	1	1	s05
....uacauaugauauaAaauuccaca...............	1	1	s05
....uacauaugauauagaauuccaAa...............	1	1	s05
....uacauaugauauagaUuuccaca...............	1	1	s05
....uacauaugauauagaauCccaca...............	1	1	s05
....uacauaugauauCgaauuccaca...............	1	1	s05
....uacaGaugauauagaauuccaca...............	1	1	s05
....uacauGugauauagaauuccaca...............	1	1	s05
....uacauaugauauGgaauuccaca...............	2	1	s05
....uacauaugauauagaauuccacC...............	18	1	s05
....uacauaugauauagaaCuccaca...............	2	1	s05
....uUcauaugauauagaauuccaca...............	1	1	s05
....uacauaugauauagaauuccaca...............	342	0	s05
....uaUauaugauauagaauuccaca...............	1	1	s05
....Gacauaugauauagaauuccaca...............	1	1	s05
....uacauaugauauUgaauuccaca...............	1	1	s05
....uacauaCgauauagaauuccaca...............	1	1	s05
....uaAauaugauauagaauuccaca...............	1	1	s05
....uacauaugauauagaauuccacaU...............	4	1	s05
....uacauaugauauagaauuccacaC...............	2	1	s05
....uacauaugauauagaauuccacaCca...............	1	1	s05
....acauaugauauagaauuccac...............	1	0	s05
....acauaugauauagaauuccacU...............	1	1	s05
...............................uggauuucuuuacuauGugugc...	1	1	s18
...............................uggauuucuuuacuauaugugcaa...	1	0	s18
...............................uggauuucuuuacuauaugugcaauA...	1	1	s18
....uacauaugauauagaauuccaU...............	1	1	s18
....uacauaugauauagaauuccac...............	6	0	s18
....uacUuaugauauagaauuccac...............	1	1	s18
....uacauaugauauagGauuccaca...............	1	1	s18
....uacauaugauauagaauuccaca...............	37	0	s18
....uacauaugauauagaauuccacG...............	1	1	s18
....Cacauaugauauagaauuccaca...............	1	1	s18
....uacauaugauauagaauuccacU...............	3	1	s18
...................auuuugucacagcguucaug...	1	0	s11
...................uggauuucuuuacuauaugugc...	4	0	s11
...................Aggauuucuuuacuauaugugc...	1	1	s11
...................uggauuucuuuacuauaugugcaa...	6	0	s11
...................uggauuucuuuacuauaugugcaG...	1	1	s11
...................uggauuucuuuacuauGugugcaa...	1	1	s11
...................uggauuucuuuacuauaugugAaa...	1	1	s11
...................uggauuucuuuacuauaugugcaau...	2	0	s11
...................uggauuucuuuacuauaugugcaaA...	1	1	s11
....uuacauaugauauagaaAucc...............	1	1	s11
....uuacauaugauauagaauucA...............	1	1	s11
....uuacauaugauauagaauucc...............	1	0	s11
....uuacauaugauGuagaauucca...............	1	1	s11
....uuacauaugauauagaauucca...............	2	0	s11
....uuacauaugauauagaauuccac...............	1	0	s11
....uuacauaugauauagaauuccaca...............	1	0	s11
....uGcauaugauauagaauuccac...............	1	1	s11
....uacauaugauauagaauuUcac...............	1	1	s11
....uacauaugauauagaauuccac...............	11	0	s11
....uacauaugauauagaauuccaU...............	3	1	s11
....uacauaCgauauagaauuccaca...............	1	1	s11
....uacauaugauauagaauuccacU...............	4	1	s11
....uacauaugauauagaauuccacG...............	9	1	s11
....uacaCaugauauagaauuccaca...............	1	1	s11
....uacauaugauauagGauuccaca...............	1	1	s11
....uacauaugauauagaauuccaca...............	47	0	s11
....uacauaugauauagaauuccacaC...............	1	1	s11
.......................gaauuuugucacagcguuca...	2	0	s02
.......................aauuuugucacagcguuca...	1	0	s02
.......................cauggauuucuuuacuauaugugA...	1	1	s02
.......................auggauuucuuuacuauaugugcuuuaauuuuacauaugauauagaauuccacaacaguuguagauggua	1	0	s02
.......................auggauuucuuuacuauaugugU...	1	1	s02

Star **Mature**

cccuacuggaugugugugaauuuugucacagcgucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagauggua

Sequence	Count	M	Sample
....uggauuucuuuacuauauA..	1	1	s02
....uggauuucuuuacuauaug..	14	0	s02
....uggauuucuuuacuauaugu...	1	0	s02
....uggauuucuuuacuauaugA...	1	1	s02
....uggauuucuuuacuauaugug..	2	0	s02
....uggauuucuuuacuauaugugG...	1	1	s02
....uggauuucuuuacuauGugugc..	1	1	s02
....uggauuucuuuaUuauaugugc..	1	1	s02
....uggauuuCcuuuacuauaugugc...	1	1	s02
....uggauuuAuuuacuauaugugc..	1	1	s02
....uggauuucuuuacuauaugugU..	66	1	s02
....uggauuucuuuacuauaugCgc..	1	1	s02
....uggauuuGuuuacuauaugugc..	1	1	s02
....uggauuucuuuacuauaugugc..	102	0	s02
....uggauuucuuuacuauaugAgc..	1	1	s02
....uggauuucuAuacuauaugugc..	1	1	s02
....uggauuucuuuacuauCugugc..	1	1	s02
....uggauuucuuuacuaugugA...	3	1	s02
....uggauuucuuuacCauaugugca...	1	1	s02
....uggauuucuuuacuauauguUca...	1	1	s02
....uggauuucuuuacuauaugugGa...	2	1	s02
....uggauuucuuuacuauaugugcG...	5	1	s02
....uggauuucuuuacuauaCgugca...	2	1	s02
....uggauuucuuuacuGuauaugugca...	2	1	s02
....uggauuucuuuacuauaugugca...	117	0	s02
....uggauuuCuuacuauaugugca...	1	1	s02
....uggauuucuuuacuauaugugcU...	7	1	s02
....uggauuucuuuacuauaugugcC...	1	1	s02
....uggauuucuuuacuauaugugUa...	2	1	s02
....uggauuucuCuacuauaugugca..	1	1	s02
....uggauuucuuuacuauaugugcaU...	28	1	s02
....uggauuucuuuacuauauAugcaa...	1	1	s02
....uggauuucuuuacuauauCugcaa...	1	1	s02
....uggauuucuuuacuauaugugcaa...	317	0	s02
....uggauuucuuuacuauaugugcGa...	11	1	s02
....uggauuuCuuuacuauaugugcaa..	4	1	s02
....uggauuuUuuuacuauaugugcaa..	1	1	s02
....Cggauuucuuuacuauaugugcaa..	1	1	s02
....uggauuuAuuuacuauaugugcaa..	1	1	s02
....uggauuucuuuacuaCauguscaa..	1	1	s02
....uggauuAcuuuacuauaugugcaa..	1	1	s02
....uggauuucuuuacuauaugugcaG...	8	1	s02
....uggauuucuuuacuauaguAcaa...	1	1	s02
....uggauuucuuuacCauaugugcaa..	1	1	s02
....uggauuucuuuacuauaugCgcaa..	3	1	s02
....uggauuucuuuacuauaGgugcaa..	1	1	s02
....ugUauuucuuuacuauaugugcaa..	1	1	s02
....uggauuuCcuuuacuauaugugcaa...	1	1	s02
....uggauuucuuuacuauaugugcUa..	1	1	s02
....uggauuucuCuacuauaugugcaa...	1	1	s02
....uggauuucuuuacuaCaugugcaau..	2	1	s02
....uggauuucuuuacuCuaugugcaau..	1	1	s02
....uggauuucuuuacuauaugugcaaA..	2	1	s02
....uggauuucuuuacuauaugugcaGu..	2	1	s02
....uggauuucuuuacuauaugugcGau..	1	1	s02
....uggauuucuuuacuauaGgugcaau...	1	1	s02
....uggauuucuuuacuauaugugcaaC..	26	1	s02
....uggauuucuuuacuauaugugcCau..	1	1	s02
....uggauuucuuuacuaAaugugcaau..	1	1	s02
....uUgauuucuuuacuauaugugcaau...	1	1	s02
....uggGuuucuuuacuauaugugcaau...	1	1	s02
....uggauuucuCuacuauaugugcaau...	3	1	s02
....uggauuucuuuacuauaugugcaUu...	2	1	s02
....uggauuucCuuacuauaugugcaau...	1	1	s02
....uggauuucuuuacuauaugugcaau...	163	0	s02
....uggauuucuuuacuauauguUcaau...	1	1	s02
....Cggauuucuuuacuauaugugcaau...	4	1	s02
....uggauuucuuuacuauaugugcaaAu..	2	1	s02
cccuacuggaugugugugaauuuugucacagcgucauggauuucuuuacuauaugugcaauAuacauaugauauagaauuccacaacaguuguagauggua	14	1	s02
....uggauuuUuuuacuauaugugcaauu...	1	1	s02

Star   Mature

```
cccuacuggaugugugguga auuuugucacagcuguca uggauuucuuuacuauaugugcaa uuuaaauuu uacauaugauauagaauuccaca acaguuguagauggua

...............................................uggauuucuuuacuauaugugcaauu.............................................  35   0   s02
...............................................uggauuucuuuacuauaugugcaauC.............................................   3   1   s02
...............................................uggauuucuuuacuauaugugcaaCu.............................................   1   1   s02
...............................................uggauuucuuuacuauaugugcaauAu............................................  13   1   s02
...............................................uggauuucuuuacuauaugugcaauuA............................................   6   1   s02
.................................................gauuucuuuacuauaugugcaa...............................................   1   0   s02
................................................auCuaauuuuacauaugauauagaauucca.........................................   1   1   s02
..................................................uuuaaauuuuacauaugauauagaauucca.......................................   2   0   s02
..................................................uuuaaauuuuacauaugauauagaauuccGc......................................   2   1   s02
..................................................uuuaaauuuuacauaugauauagaauuccac...................................... 115   0   s02
..................................................uuuaaauuuuacauaugauauagaauuccaU......................................   1   1   s02
..................................................uuuaUuuuuacauaugauauagaauuccac.......................................   1   1   s02
..................................................uuuaaauuuuacauaugauauagUauuccac......................................   1   1   s02
.......................................................uuuacauaugauauagaauu...........................................   1   0   s02
.......................................................uuuacauaugauauagaauC...........................................   1   1   s02
.......................................................uuuacauaugauauagaauuU..........................................   1   1   s02
.......................................................uuuacauaugauauagaauucU.........................................  10   1   s02
.......................................................uuuacauaugauauagaauGcc.........................................   1   1   s02
.......................................................uuuacauaugauauagaauucc.........................................  21   0   s02
.......................................................Cuacauaugauauagaauucc..........................................   1   1   s02
.......................................................uuuacauaugauauagaauucA.........................................   2   1   s02
........................................................uuacauaugauauagaauuccU........................................   1   1   s02
........................................................uuacauaugauauagaauuccC........................................   5   1   s02
........................................................uuacGuaugauauagaauucca........................................   1   1   s02
........................................................uuacauaugGuauagaauucca........................................   1   1   s02
........................................................uuacauaugUuauagaauucca........................................   1   1   s02
........................................................uuacauaugauauagaauucca........................................  28   0   s02
........................................................uuacauaugauauagaauCcca........................................   1   1   s02
........................................................uuacauaugauauagaauuccac.......................................   9   0   s02
........................................................uuacauaugauauagaaCuccac.......................................   1   1   s02
........................................................uuacauaugauauagaauuccaU.......................................   6   1   s02
........................................................Cuacauaugauauagaauuccac.......................................   4   1   s02
........................................................uuacauaugauauagaauuccaA.......................................   1   1   s02
........................................................uuacauaugauauagaauuccacC......................................   5   1   s02
........................................................uuacauaugaCauagaauuccaca......................................   1   1   s02
........................................................uuacauaugauauagaauuccacG......................................   5   1   s02
........................................................uuacauaugauaAagaauuccaca......................................   1   1   s02
........................................................Cuacauaugauauagaauuccaca......................................   2   1   s02
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Star **Mature**

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Star   **Mature**

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Star **Mature**

cccuacuggauguguggugaauuuugucacagcugucauggauuucuuuacuauaugugcaauuuaauuuuacauaugauauagaauuccacaacaguuguagauggua

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Cacauaugauauagaauucca	1	1	s07
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Star   **Mature**

cccuacuggaugugguggugaauuuugucacagcugucauggauuucuuuacuauaugugcaauuuaauuuacauaugauauagaauuccacaacaguuguagaugguaa

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