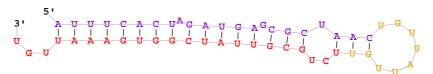
Provisional ID: NC\_058068.1\_Acropora\_millepora\_isolate\_JS-1\_chromosome\_3\_Amil\_v2.1\_whole\_genome\_shotgun\_sequence\_123929

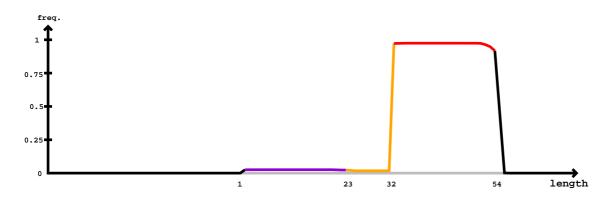
38710.3 Score total Score for star read(s) 3.9 38702 Score for read counts Score for mfe 1.4 Score for randfold 0 Score for cons. seed 3 Total read count 75924 Mature read count 73935 Loop read count 0

Star read count

1989



obs



| ccaguacuuuuuacguuauugaaaacugacaauaguuacauuucacuagaugagcgcuaac <mark>uguuauuguucugcguuaucggugaaauuguaac</mark> uguugucuccugu | exp   |    |        |
|-----------------------------------------------------------------------------------------------------------------------------|-------|----|--------|
| .(((((()))))).(((((((((((((((((                                                                                             | reads | mm | sample |
| auuucacuagaugagcgcC                                                                                                         | 13    | 1  | seq    |
| auuucacuagaugagGgcu                                                                                                         | 1     | 1  | seq    |
| auuucacuagaugagcAcu                                                                                                         | 2     | 1  | seq    |
| auuucacuagaugagcgcG                                                                                                         | 1     | 1  | seq    |
| Guuucacuagaugagcgcu                                                                                                         | 2     | 1  | seq    |
| auuucacuagaugagcgcu                                                                                                         | 51    | 0  | seq    |
| auuCcacuagaugagcgcu                                                                                                         | 2     | 1  | seq    |
| auuucacuagaugagcgcA                                                                                                         | 4     | 1  | seq    |
| Uuuucacuagaugagcgcua                                                                                                        | 1     | 1  | seq    |
| auuucacuagaugagcgcCa                                                                                                        | 9     | 1  | seq    |
| auuucacuagaugagcgcGa                                                                                                        | 2     | 1  | seq    |
| auuucacuagaugagcgcuU                                                                                                        | 1     | 1  | seq    |
| auAucacuagaugagcgcua                                                                                                        | 1     | 1  | seq    |
| auuucCcuagaugagcgcua                                                                                                        | 1     | 1  | seq    |
| auuucGcuagaugagcgcua                                                                                                        | 1     | 1  | seq    |
| auuucacuagaCgagcgcua                                                                                                        | 1     | 1  | seq    |
| auuucacuagaugagcgcuG                                                                                                        | 2     | 1  | seq    |
| auuucacuagaugagcgcua                                                                                                        | 85    | 0  | seq    |
| auuucacuagaugagcgcuaU                                                                                                       | 1     | 1  | seq    |
| auuucacuagaugagcgcuaa                                                                                                       | 20    | 0  | seq    |
| auuucacuagaugagcgcuGa                                                                                                       | 2     | 1  | seq    |
| auuucacuagaugagcgcuaC                                                                                                       | 1     | 1  | seq    |
| auuucacuagaugGgcgcuaa                                                                                                       | 2     | 1  | seq    |
| aCuucacuagaugagcgcuaac                                                                                                      | 6     | 1  | seq    |
| auuucacuagaugGgcgcuaac                                                                                                      | 3     | 1  | seq    |
| auuucacuagaugagcgcuaGc                                                                                                      | 10    | 1  | seq    |
| auuucacuGgaugagcgcuaac                                                                                                      | 7     | 1  | seq    |
| auuucacuagaugagcgcGaac                                                                                                      | 1     | 1  | seq    |
| auuucacuagaugagcgcuaac                                                                                                      | 1178  | 0  | seq    |
| auuucacuagaugCgcgcuaac                                                                                                      | 1     | 1  | seq    |
| auuucacuagaugagcgcuaaU                                                                                                      | 97    | 1  | seq    |
| auCucacuagaugagcgcuaac                                                                                                      | 3     | 1  | seq    |
| auuucacuagaugagcgcuaCc                                                                                                      | 2     | 1  | seq    |
|                                                                                                                             |       |    |        |

| star Mature                                                                                                                 |     |   |     |
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| ccaguacuuuuuacguuauugaaaacugacaauaguuacauuucacuagaugagegcuaacuguuauugu <mark>ucugeguuaucggugaaauugu</mark> aacuguugucuccugu |     |   |     |
| auuucacCagaugagcgcuaac                                                                                                      | 5   | 1 | seq |
| auuucacuagaugaAcgcuaac.                                                                                                     | 2   | 1 | seq |
| auuucacuagauUagcgcuaac                                                                                                      | 2   | 1 | seq |
|                                                                                                                             |     |   | _   |
| .auuucaUuagaugagcgcuaac                                                                                                     | 1   | 1 | seq |
| .auuCcacuagaugagcgcuaac                                                                                                     | 8   | 1 | seq |
| auuucacuagaugagcgUuaac                                                                                                      | 2   | 1 | seq |
| auuucacuagaugagcgcuaaA                                                                                                      | 10  | 1 | seq |
| auuucacuagaugagcgcuCac                                                                                                      | 1   | 1 | seq |
| auuuUacuagaugagcgcuaac.                                                                                                     | 4   | 1 | seq |
|                                                                                                                             | 7   | 1 | seq |
|                                                                                                                             |     | 1 |     |
| .auuucacuagaugagUgcuaac                                                                                                     | 1   |   | seq |
| auuucacuagauCagcgcuaac                                                                                                      | 4   | 1 | seq |
| auuucacuUgaugagcgcuaac                                                                                                      | 1   | 1 | seq |
| auuucacuagaugagcgcuGac                                                                                                      | 5   | 1 | seq |
| auuucacAagaugagcgcuaac                                                                                                      | 1   | 1 | seq |
| Guuucacuagaugagcgcuaac.                                                                                                     | 18  | 1 | seq |
| auuucacuagGugagcgcuaac                                                                                                      | 4   | 1 | seq |
|                                                                                                                             | 4   | 1 | _   |
| .auuucacuagaCgagcgcuaac                                                                                                     |     |   | seq |
| .auuucacuagaugagcgcuaGcu.                                                                                                   | 2   | 1 | seq |
|                                                                                                                             | 2   | 1 | seq |
| auuCcacuagaugagcgcuaacu                                                                                                     | 2   | 1 | seq |
| auuucacuagaugagcgcCaacu                                                                                                     | 1   | 1 | seq |
|                                                                                                                             | 1   | 1 | seq |
| auuucaGuagaugagcgcuaacu                                                                                                     | 1   | 1 | seq |
|                                                                                                                             | 7   | 1 | _   |
| auuucacuagaugagcgcuaacG                                                                                                     |     |   | seq |
| .auuucacuagaugagcgcuaacu.                                                                                                   | 176 | 0 | seq |
| auuucacuagaugGgcgcuaacu                                                                                                     | 1   | 1 | seq |
| auuuUacuagaugagcgcuaacu                                                                                                     | 1   | 1 | seq |
| auuucacuagaugagcgcuaacA                                                                                                     | 148 | 1 | seq |
| auuucacuagaugagcgcuaaUu.                                                                                                    | 1   | 1 | seq |
| .Uuuucacuagaugagcgcuaacu.                                                                                                   | 2   | 1 | seq |
|                                                                                                                             | 31  | 1 |     |
| auuucacuagaugagcgcuaacC                                                                                                     |     |   | seq |
| .auuucacuagaugagcgcuaacug.                                                                                                  | 1   | 0 | seq |
| auuucacuagaugagcgcuaacuU                                                                                                    | 1   | 1 | seq |
| auuucacuagaugagcgcuaacuUu                                                                                                   | 2   | 1 | seq |
| uuucacuagaugagcgcu                                                                                                          | 2   | 0 | seq |
| uuucacuagaugagegeuaac                                                                                                       | 4   | 0 | seq |
| uuucacuagaugagcgcuaacA.                                                                                                     | 3   | 1 | seq |
| uuucacuagaugagcguaacu                                                                                                       | 1   | 0 | seq |
|                                                                                                                             | 1   | 0 | _   |
| uucacuagaugagcgcua.                                                                                                         |     |   | seq |
| uucacuagaugagcgcuaaU                                                                                                        | 1   | 1 | seq |
| .uucacuagaugagcgcuaacA                                                                                                      | 1   | 1 | seq |
| .uucacuagaugagcgcuaacu                                                                                                      | 1   | 0 | seq |
| .uucacuagaugagcgcuaacuguuauuguu                                                                                             | 1   | 0 | seq |
| .uucacuagaugagcgcuaacuguuauuguuA.                                                                                           | 1   | 1 | seq |
|                                                                                                                             | 1   | 0 | seq |
|                                                                                                                             |     | - |     |
| uguuauuguucugcguuaC                                                                                                         | 2   | 1 | seq |
| uguuauuguucugcguuauc                                                                                                        | 2   | 0 | seq |
| uguuauuguucugcguuaucggug                                                                                                    | 5   | 0 | seq |
|                                                                                                                             | 1   | 1 | seq |
| uguuauuguucugcguuaucggCga                                                                                                   | 1   | 1 | seq |
| uguuauuguucugcguuaucgguga                                                                                                   | 1   | 0 | seq |
| . Cguuauuguucugcguuaucggugaaau                                                                                              | 1   | 1 | seq |
| uguuauuguucugcguuaucggugaaau                                                                                                | 1   | 0 | seq |
|                                                                                                                             |     | 1 |     |
| ugCuauuguucugcguuaucggugaaau                                                                                                | 1   |   | seq |
| uguuauuguucugcguuaucgguAaaau                                                                                                | 2   | 1 | seq |
| uguuauuguucugcguuaucggugaaauC                                                                                               | 1   | 1 | seq |
| uguuauuguucugcguuaucggugaaauu                                                                                               | 5   | 0 | seq |
| uguuauuguucugcguuaucggugGaauu                                                                                               | 2   | 1 | seq |
| uguuauuguucugcguuaucggugaaauCg                                                                                              | 1   | 1 | seq |
| uguuauuguucugcguuaucggugaaGuug                                                                                              | 1   | 1 | seq |
| uguuauuguucugcguuaucggugaaauuA                                                                                              | 6   | 1 | seq |
|                                                                                                                             |     |   |     |
| uguuauuguucugcguuaucggugGaauug                                                                                              | 1   | 1 | seq |
| uguuauCguucugcguuaucggugaaauug                                                                                              | 1   | 1 | seq |
| uguuauuguucugcguuaucggGgaaauug                                                                                              | 1   | 1 | seq |
| uguuauuguucugcguuaucggugaaauug                                                                                              | 37  | 0 | seq |
| uguuauuguucugcguuaucggugaUauug                                                                                              | 1   | 1 | seq |
| uguuaCuguucugcguuaucggugaaauugu                                                                                             | 1   | 1 | seq |
| uguuauuguucugcguuaucggCgaaauugu                                                                                             | 5   | 1 | seq |
| guuauuguucugcguuaucgAugaaauugu                                                                                              | 1   | 1 | seq |
|                                                                                                                             |     |   |     |

| ccaguacuuuuuacguuauugaaaacugacaauaguuacauuucacuagaugagcgcuaac <mark>uguuauuguucugcguuaucggugaaauuguaa</mark> cuguugucuccugu |        |   |     |
|-----------------------------------------------------------------------------------------------------------------------------|--------|---|-----|
| uguuauCguucugcguuaucggugaaauugu                                                                                             | 5      | 1 | sec |
| uguuauuguCcugcguuaucggugaaauugu                                                                                             | 2      | 1 | sec |
| ugCuauuguucugcguuaucggugaaauugu                                                                                             | 4      | 1 | sec |
| uguuauuguuUugcguuaacggugaaauugu                                                                                             | 1      | 1 | sec |
| uguuauuguucugcguuaucggugaaauAgu                                                                                             | 1      | 1 | sec |
| uguuauuguucugcguuaucggugaaauugC                                                                                             | 189    | 1 | sec |
| uguuauuguucugcguuaucggugaGauugu                                                                                             | 5      | 1 | sec |
| uguuGuuguucugcguuaucggugaaauugu                                                                                             | 6      | 1 | sec |
| uguuauuguucugcguuaaucgguAaaauugu.                                                                                           | 1      | 1 | sec |
| uguuauuguucugcguuaaucggugaaauugu                                                                                            | 971    | 0 | sec |
| uguuauuguucugcguuaucggugUaauugu                                                                                             | 1      | 1 | sec |
| uguuauuguucugcguuaucggugaaauugG                                                                                             | 6      | 1 | sec |
| uguuauugCucugcguuaucggugaaauugu                                                                                             | 7<br>1 | 1 | sec |
| uguuauuguucugcguuaucggugaaauCguuguuauuguucugcguuaucggugaaauugA                                                              | 23     | 1 | sec |
| uguuauuguucugeguuaueggugaaauuguuguuauuguucCgeguuaueggugaaauugu                                                              | 6      | 1 | sec |
| uguuauguuccgeguuaucggugaaUuugu                                                                                              | 2      | 1 | sec |
| uAuuaguucugcguuaucggugaaauugu                                                                                               | 2      | 1 | sec |
| uguuauuguucugcguuaucggugaaauuCu                                                                                             | 1      | 1 | sec |
| uguuauuguucugcguuGucggugaaauugu                                                                                             | 1      | 1 | sec |
|                                                                                                                             | 4      | 1 | sec |
| uguuauuguucugcguuaucggugGaauugu                                                                                             | 5      | 1 | sec |
| uguuauuguucugcguuaucggugaaauGgu                                                                                             | 1      | 1 | sec |
| uguuauuguucugcguuaucggugaaaCugu                                                                                             | 1      | 1 | sec |
| uguuauuguucugcguuaucAgugaaauugu                                                                                             | 2      | 1 | sec |
| uguuauuguucugcguuaucggugaaGuugu                                                                                             | 5      | 1 | sec |
| uguCauuguucugcguuaucggugaaauugu                                                                                             | 2      | 1 | sec |
| ugAuauuguucugcguuaucggugaaauugu                                                                                             | 1      | 1 | sec |
| Aguuauuguucugcguuaucggugaaauugu                                                                                             | 3      | 1 | sec |
| uguuauuguucugUguuaucggugaaauugu                                                                                             | 1      | 1 | sec |
| uguuauuguucugcgCuaucggugaaauugu                                                                                             | 4      | 1 | sec |
| uguuauuguucugcguuaucggugaaauuAu                                                                                             | 2      | 1 | sec |
| uՄuuauuguucugcguuaucggugaaauugu                                                                                             | 1      | 1 | sec |
| uguuatuguucugcAtutaucggugaaatuugu                                                                                           | 1      | 1 | sec |
| uguuauuguAcugcguuaucggugaaauugu                                                                                             | 1      | 1 | sec |
| guuauuguucugcguuaucggugaaauugC.                                                                                             | 1      | 1 | sec |
| guuauuguucugcguuaucggugaaauugu                                                                                              | 8      | 0 | sec |
| guuauuguucugcguuaCcggugaaauugu                                                                                              | 3      | 1 | sec |
| Aauuguucugcguuaucggugaaauugu                                                                                                | 2      | 0 | sec |
| guucugcguuaucgguga                                                                                                          | 1<br>2 | 0 | sec |
| guucugcguuaucggugaaauuguguucugcguuaucggugaaauugc                                                                            | 1      | 1 | sec |
|                                                                                                                             | 1      | 1 | sec |
| uucugcguuaucggugaaauu                                                                                                       | 1      | 0 | sec |
|                                                                                                                             | 2      | 1 | sec |
|                                                                                                                             | 1      | 1 | sec |
|                                                                                                                             | 14     | 1 | sec |
| .uucugcguuaaucggugaaauugu                                                                                                   | 16     | 0 | sec |
| .uAcugcguuaucggugaaauugu                                                                                                    | 1      | 1 | sec |
| .uucugcguuaucggugaaauugC.                                                                                                   | 1      | 1 | sec |
| .uucugeguuaueggugaaauuguU                                                                                                   | 1      | 1 | sec |
| ucugcguuaucggugaUa                                                                                                          | 1      | 1 | sec |
| ucugcguuaCcggugaaa                                                                                                          | 1      | 1 | sec |
| ucugcguuaucggugaaa                                                                                                          | 57     | 0 | sec |
| ucugcguuaucggugaaU                                                                                                          | 7      | 1 | sec |
| ucugcguuaucggugaGau                                                                                                         | 3      | 1 | sec |
| Acugcguuaucggugaaau                                                                                                         | 4      | 1 | sec |
| ucCgcguuaucggugaaau                                                                                                         | 1      | 1 | sec |
| ucugcguuauUggugaaau                                                                                                         | 1      | 1 | sec |
| ucugcguuaucggugaaaG                                                                                                         | 30     | 1 | sec |
| ucugcguuaucgguAaaau                                                                                                         | 1      | 1 | sec |
| ucugcguuaucggugaaGu                                                                                                         | 14     | 1 | sec |
| ucugcguuaucggugaaUu                                                                                                         | 1      | 1 | sec |
| ucugcguuaucggugGaau                                                                                                         | 4      | 1 | sec |
| ucugcguuGucggugaaau                                                                                                         | 2      | 1 | sec |
| ucugcguCaucggugaaau                                                                                                         | 2      | 1 | sec |
|                                                                                                                             | 2      | 1 | sec |
|                                                                                                                             | 24     | 1 | sec |
| ucuyeyuuaueyyuyaaan.                                                                                                        | 2 **   | 1 | sec |

| Star                                                                   | Mature                                 |      |   |     |
|------------------------------------------------------------------------|----------------------------------------|------|---|-----|
| ccaguacuuuuuacguuauugaaaacugacaauaguuacauuucacuagaugagcgcuaacuguuauugu | ucugcguuaucggugaaauuguaacuguugucuccugu |      |   |     |
|                                                                        | ucugcguuaucggugaaaC                    | 57   | 1 | seq |
|                                                                        | ucugcguuaucggugaaau                    | 555  | 0 | seq |
|                                                                        | ucugcgCuaucggugaaau                    | 1    | 1 | seq |
|                                                                        | ucugcguuauGggugaaau                    | 1    | 1 | seq |
|                                                                        | ucugcguuaCcggugaaau                    | 1    | 1 | seq |
|                                                                        | ucugcUuuaucggugaaau                    | 1    | 1 | seq |
|                                                                        |                                        | 2    | 1 |     |
|                                                                        | uUugcguuaucggugaaau                    | 1    | 1 | seq |
|                                                                        | ucugcguuauAggugaaau                    |      |   | seq |
|                                                                        | ucugcguuaucggCgaaau                    | 6    | 1 | seq |
|                                                                        | uAugcguuaucggugaaauu                   | 1    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauC                   | 122  | 1 | seq |
|                                                                        | ucugcguuaucggugaaauA                   | 9    | 1 | seq |
|                                                                        | ucugcguuaucAgugaaauu                   | 1    | 1 | seq |
|                                                                        | ucAgcguuaucggugaaauu                   | 1    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauu                   | 955  | 0 | seq |
|                                                                        | Ccugcguuaucggugaaauu                   | 4    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauG                   | 1    | 1 | seq |
|                                                                        | ucugcgCuaucggugaaauu                   | 4    | 1 | seq |
|                                                                        | ucugcguuaucggugGaauu                   | 1    | 1 | seq |
|                                                                        |                                        | 5    | 1 |     |
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|                                                                        | ucugUguuaucggugaaauu                   | 3    | 1 | seq |
|                                                                        | ucugcguuaucggugaUauu                   | 1    | 1 | seq |
|                                                                        | ucugcguuauUggugaaauu                   | 2    | 1 | seq |
|                                                                        | ucugcguuaucggugaaaGu                   | 1    | 1 | seq |
|                                                                        | ucCgcguuaucggugaaauu                   | 9    | 1 | seq |
|                                                                        | ucugcguuaucggugaaGuu                   | 4    | 1 | seq |
|                                                                        | ucugcguCaucggugaaauu                   | 1    | 1 | seq |
|                                                                        | ucugcguuaucggugaaaCu                   | 8    | 1 | seq |
|                                                                        | ucugcguuaucggugCaauu                   | 1    | 1 | seq |
|                                                                        | ucugcguuaucggugaGauu                   | 5    | 1 | seq |
|                                                                        |                                        | 1    | 1 |     |
|                                                                        | ucugcguuaucggGgaaauu                   |      |   | seq |
|                                                                        | ucugcguuaucggugaaaAu                   | 2    | 1 | seq |
|                                                                        | ucugcguuaucgAugaaauu                   | 2    | 1 | seq |
|                                                                        | ucugcguuaucgguUaaauu                   | 1    | 1 | seq |
|                                                                        | uUugcguuaucggugaaauu                   | 7    | 1 | seq |
|                                                                        | Acugcguuaucggugaaauu                   | 1    | 1 | seq |
|                                                                        | ucugcguuGucggugaaauu                   | 1    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauug                  | 1944 | 0 | seq |
|                                                                        | ucugcguuaucggugaUauug                  | 1    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauCg                  | 11   | 1 | seq |
|                                                                        | Gcugcguuaucggugaaauug                  | 2    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauuU                  | 29   | 1 | seq |
|                                                                        | ucugcguuaucggugGaauug                  | 6    | 1 | seq |
|                                                                        |                                        |      | 1 |     |
|                                                                        | ucugcguuaucggugaaauuA                  | 243  |   | seq |
|                                                                        |                                        | 2    | 1 | seq |
|                                                                        |                                        | 2    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauGg                  | 5    | 1 | seq |
|                                                                        | Ccugcguuaucggugaaauug                  | 5    | 1 | seq |
|                                                                        | uUugcguuaucggugaaauug                  | 4    | 1 | seq |
|                                                                        | ucugcguuGucggugaaauug                  | 10   | 1 | seq |
|                                                                        | ucugcguCaucggugaaauug                  | 2    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauuC                  | 17   | 1 | seq |
|                                                                        |                                        | 3    | 1 | seq |
|                                                                        | ucCgcguuaucggugaaauug                  | 9    | 1 | seq |
|                                                                        |                                        | 1    | 1 | seq |
|                                                                        |                                        |      |   |     |
|                                                                        | • • • • •                              | 7    | 1 | seq |
|                                                                        |                                        | 1    | 1 | seq |
|                                                                        |                                        | 2    | 1 | seq |
|                                                                        | ucugcgCuaucggugaaauug                  | 7    | 1 | seq |
|                                                                        | Acugcguuaucggugaaauug                  | 2    | 1 | seq |
|                                                                        | ucugcguuauUggugaaauug                  | 6    | 1 | seq |
|                                                                        | ucugcguuaucggugaaaCug                  | 5    | 1 | seq |
|                                                                        | ucugcguuaucggCgaaauug                  | 7    | 1 | seq |
|                                                                        | ucuCcguuaucggugaaauug                  | 1    | 1 | seq |
|                                                                        |                                        | 2    | 1 | seq |
|                                                                        |                                        | 7    | 1 | seq |
|                                                                        |                                        | 2    | 1 | seq |
|                                                                        |                                        | 1    | 1 | seq |
|                                                                        |                                        | 2    | 1 |     |
|                                                                        |                                        | 2    | 1 | seq |
|                                                                        | unugoguuauoggugaaauug                  | _    | - | seq |

| Star                                                                   | mature                                 |       |   |     |
|------------------------------------------------------------------------|----------------------------------------|-------|---|-----|
| ccaguacuuuuuacguuauugaaaacugacaauaguuacauuucacuagaugagcgcuaacuguuauugu | ucugcguuaucggugaaauuguaacuguugucuccugu |       |   |     |
|                                                                        | ucugcguuaucgguUaaauugu                 | 3     | 1 | seq |
|                                                                        | ucugcguuauGggugaaauugu                 | 5     | 1 | seq |
|                                                                        | ucugcgAuaucggugaaauugu                 | 13    | 1 | seq |
|                                                                        | ucugcguuaucggAgaaauugu                 | 9     | 1 | seq |
|                                                                        |                                        |       | 1 |     |
|                                                                        | Ccugcguuaucggugaaauugu                 | 238   |   | seq |
|                                                                        | ucugcguuaucggugaaCuugu                 | 12    | 1 | seq |
|                                                                        | ucugcguuaucggCgaaauugu                 | 176   | 1 | seq |
|                                                                        | ucugcUuuaucggugaaauugu                 | 7     | 1 | seq |
|                                                                        | uUugcguuaucggugaaauugu                 | 174   | 1 | seq |
|                                                                        | ucugcguuaucgUugaaauugu                 | 3     | 1 | seq |
|                                                                        | ucuCcguuaucggugaaauugu                 | 2     | 1 | seq |
|                                                                        |                                        | 5     | 1 |     |
|                                                                        | ucugcguuaucggugaCauugu                 |       |   | seq |
|                                                                        | ucugcguuaucUgugaaauugu                 | 10    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauuAu                 | 48    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauugC                 | 10083 | 1 | seq |
|                                                                        | ucugcguuaucAgugaaauugu                 | 86    | 1 | seq |
|                                                                        | Gcugcguuaucggugaaauugu                 | 27    | 1 | seq |
|                                                                        | ucugcguuaucggugUaauugu                 | 28    | 1 | seq |
|                                                                        |                                        | 55    | 1 |     |
|                                                                        | ucugcAuuaucggugaaauugu                 |       |   | seq |
|                                                                        | ucugcguAaucggugaaauugu                 | 4     | 1 | seq |
|                                                                        | ucugcguCaucggugaaauugu                 | 78    | 1 | seq |
|                                                                        | ucugcCuuaucggugaaauugu                 | 2     | 1 | seq |
|                                                                        | ucugcguuaGcggugaaauugu                 | 2     | 1 | seq |
|                                                                        | ucugcguuauAggugaaauugu                 | 7     | 1 | seq |
|                                                                        | ucugcguuaucggugCaauugu                 | 3     | 1 | seq |
|                                                                        | ucugcguuaucggugaaauuUu                 | 26    | 1 | seq |
|                                                                        |                                        | 8     | 1 |     |
|                                                                        | ucugcguuaucggGgaaauugu                 |       |   | seq |
|                                                                        | ucugcguuaucggugaaauCgu                 | 102   | 1 | seq |
|                                                                        | ucugcguuaucCgugaaauugu                 | 2     | 1 | seq |
|                                                                        | ucugcguuaucggugaaauGgu                 | 44    | 1 | seq |
|                                                                        | ucugcguuauUggugaaauugu                 | 44    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauAgu                 | 12    | 1 | seq |
|                                                                        | ucugcguuaucgCugaaauugu                 | 2     | 1 | seq |
|                                                                        | ucugcguuUucggugaaauugu                 | 1     | 1 | seq |
|                                                                        |                                        |       |   |     |
|                                                                        | ucugcguuGucggugaaauugu                 | 84    | 1 | seq |
|                                                                        | ucugcguuaucggugaaaAugu                 | 14    | 1 | seq |
|                                                                        | ucugcguuaucggugGaauugu                 | 242   | 1 | seq |
|                                                                        | ucugcgCuaucggugaaauugu                 | 132   | 1 | seq |
|                                                                        | ucugAguuaucggugaaauugu                 | 11    | 1 | seq |
|                                                                        | ucugcguuaucggugaaGuugu                 | 188   | 1 | seq |
|                                                                        | ucCgcguuaucggugaaauugu                 | 239   | 1 | seq |
|                                                                        | ucugcguuaucgguCaaauugu                 | 1     | 1 | seq |
|                                                                        | uGugcguuaucggugaaauugu                 | 10    | 1 |     |
|                                                                        |                                        |       |   | seq |
|                                                                        | ucugcguuaucggugaGauugu                 | 271   | 1 | seq |
|                                                                        |                                        | 22    | 1 | seq |
|                                                                        | ucugcguuaCcggugaaauugu                 | 37    | 1 | seq |
|                                                                        | ucugcguuaucggugaaauugA                 | 1270  | 1 | seq |
|                                                                        | ucugcgGuaucggugaaauugu                 | 11    | 1 | seq |
|                                                                        |                                        | 98    | 1 | seq |
|                                                                        |                                        | 21    | 1 | seq |
|                                                                        |                                        | 52366 | 0 | seq |
|                                                                        |                                        |       |   | _   |
|                                                                        |                                        | 13    | 1 | seq |
|                                                                        |                                        | 2     | 1 | seq |
|                                                                        | ucugcguuaucggugaaauuCu                 | 46    | 1 | seq |
|                                                                        | ucGgcguuaucggugaaauugu                 | 6     | 1 | seq |
|                                                                        | ucugcguuaucggugaUauugu                 | 12    | 1 | seq |
|                                                                        | ucuAcguuaucggugaaauugu                 | 44    | 1 | seq |
|                                                                        |                                        | 76    | 1 | seq |
|                                                                        |                                        | 133   | 1 |     |
|                                                                        |                                        |       |   | seq |
|                                                                        |                                        | 5     | 1 | seq |
|                                                                        |                                        | 782   | 1 | seq |
|                                                                        | ucugcguuaucggugaaUuugu                 | 19    | 1 | seq |
|                                                                        | ucugcguuaucgAugaaauugu                 | 46    | 1 | seq |
|                                                                        | ucAgcguuaucggugaaauugu                 | 36    | 1 | seq |
|                                                                        | ucugcguuCucggugaaauugu                 | 3     | 1 | seq |
|                                                                        |                                        | 18    | 1 | seq |
|                                                                        |                                        | 24    | 1 | seq |
|                                                                        |                                        | 2     | 1 |     |
|                                                                        |                                        |       |   | seq |
|                                                                        |                                        | 4     | 1 | seq |
|                                                                        | ucugcguuaucggugaaauuguU                | 830   | 1 | seq |
|                                                                        |                                        |       |   |     |

| Star M                                                                   | ature                                |     |   |     |
|--------------------------------------------------------------------------|--------------------------------------|-----|---|-----|
| ccaguacuuuuuacguuauugaaaacugacaauaguuacauuucacuagaugagcgcuaacuguuauuguuc | ugcguuaucggugaaauuguaacuguugucuccugu |     |   |     |
| uc                                                                       | ugcguuaucggugaaauugua                | 704 | 0 | seq |
| uc                                                                       | ugcguuaucggugaaGuugua                | 7   | 1 | seq |
| uc                                                                       | ugcguuaucggugGaauugua                | 5   | 1 | seq |
| uc                                                                       | Cgcguuaucggugaaauugua                | 2   | 1 | seq |
| uc                                                                       | ugcguuauUggugaaauugua                | 2   | 1 | seq |
| uc                                                                       | ugcguuaucggugaaauuguC                | 137 | 1 | seq |
| uG                                                                       | ługcguuaucggugaaauugua               | 1   | 1 | seq |
| uc                                                                       | eugcguuaucggugaaauCgua               | 1   | 1 | seq |
| uc                                                                       | ugcguuaucgAugaaauugua                | 2   | 1 | seq |
| uc                                                                       | ugcguuaucggugaaauugGa                | 1   | 1 | seq |
| uc                                                                       | uAcguuaucggugaaauugua                | 3   | 1 | seq |
| uc                                                                       | ugcguuaucgguAaaauugua                | 1   | 1 | seq |
|                                                                          | ugcguuaucggugaaauugua                | 1   | 1 | seq |
| uc                                                                       | eugcguuaCcggugaaauugua               | 2   | 1 | seq |
| uc                                                                       | ugcguuGucggugaaauugua                | 1   | 1 | seq |
| uc                                                                       | ugcguuaucggugaGauugua                | 1   | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 42  | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 2   | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 3   | 0 | seq |
|                                                                          |                                      | 2   | 1 | seq |
|                                                                          |                                      | 7   | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 43  | 1 | seq |
|                                                                          |                                      | 22  | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 2   | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 2   | 0 | seq |
|                                                                          |                                      | 2   | 0 | seq |
|                                                                          |                                      | 5   | 0 | seq |
|                                                                          |                                      | 2   | 1 | seq |
|                                                                          |                                      | 7   | 1 | seq |
|                                                                          |                                      | 44  | 0 | seq |
|                                                                          |                                      | 3   | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 3   | 0 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 3   | 0 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          | • • • •                              | 1   | 1 | seq |
|                                                                          |                                      | 58  | 0 | seq |
|                                                                          |                                      | 12  | 1 | seq |
|                                                                          |                                      | 4   | 0 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 8   | 0 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 3   | 0 | seq |
|                                                                          |                                      | 1   | 1 | seq |
|                                                                          |                                      | 2   | 0 | seq |
|                                                                          | 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2  | -   | • | beq |