



Mature

| 5' | -3' | obs | exp | reads | mm | sample |
|--|-----|-----|-----|-------|----|--------|
| gauccaaccugaguucugauuuauugcucauucaaaugcucgcguggaauuguaacagaagaugaauuaaucaacuuuuuacaaauccaguggauauuuguuucagaaacauuu | | | | | | |
| gauccaaccugaguucugauuuauugcucauucaaaugcucgcguggaauuguaacagaagaugaauuaaucaacuuuuuacaaauccaguggauauuuguuucagaaacauuu | | | | | | |
|(((((((.....(((((((.....(((((((((((((((.....(((((((.....))..... | | | | | | |
|aaugcucAcuggaauuguaac..... | 1 | | | 1 | 1 | seq |
|cucgcuggaauuguaacagaagaug..... | 1 | | | 1 | 0 | seq |
|cucgcuggaauuguaacagaagaugaau..... | 1 | | | 1 | 0 | seq |
|ucgcuggaauuguaacaga..... | 4 | | | 4 | 0 | seq |
|ucAcuggaauuguaacaga..... | 3 | | | 3 | 1 | seq |
|ucgcuggaauuguaacagU..... | 1 | | | 1 | 1 | seq |
|Ccguggaauuguaacagaag..... | 1 | | | 1 | 1 | seq |
|ucgcuggaauuguaacagaaga..... | 1 | | | 1 | 0 | seq |
|ucgcuggaauuguaacagaagaau..... | 1 | | | 1 | 0 | seq |
|ucgcuggaauuguaacagaagaug..... | 10 | | | 10 | 0 | seq |
|ucAcuggaauuguaacagaagaug..... | 8 | | | 8 | 1 | seq |
|ucgcuggaauuguaacagaagaGg..... | 2 | | | 2 | 1 | seq |
|ucgcuggaauuguaacagaagaauA..... | 1 | | | 1 | 1 | seq |
|ucgcuggaauuguaacagaagaugC..... | 1 | | | 1 | 1 | seq |
|ucAcuggaauuguaacagaagauga..... | 19 | | | 19 | 1 | seq |
|ucgcuggaauuguaacagaagauga..... | 8 | | | 8 | 0 | seq |
|ucgcuggaauuguaacagaagaugG..... | 1 | | | 1 | 1 | seq |
|ucgcuggaauuguaacagaagaugU..... | 2 | | | 2 | 1 | seq |
|ucgcuggaauuguaacagaagaauA..... | 1 | | | 1 | 1 | seq |
|ucgcuggGauuguaacagaagauga..... | 1 | | | 1 | 1 | seq |
|ucAcuggaauuguaacagaagauga..... | 1 | | | 1 | 1 | seq |
|ucgcuggaauuguaacagaagaugaau..... | 2 | | | 2 | 0 | seq |
|ucgcuggaauuguaacagaagaugaauuC..... | 1 | | | 1 | 1 | seq |
|cAcuggaauuguaacagaagaau..... | 1 | | | 1 | 1 | seq |
|cguggaauuguaacagaagaauU..... | 2 | | | 2 | 1 | seq |
|cguggaauuguaacagaagaauA..... | 5 | | | 5 | 1 | seq |
|cguggaauuguaacagaagaug..... | 21 | | | 21 | 0 | seq |
|cguggaauuguaacagaagaA..... | 1 | | | 1 | 1 | seq |
|cgugCaauguaacagaagaug..... | 1 | | | 1 | 1 | seq |
|cAcuggaauuguaacagaagaug..... | 8 | | | 8 | 1 | seq |
|cguggaauuguaacagaagaugU..... | 3 | | | 3 | 1 | seq |
|cguggaauuguaacagaagaugC..... | 1 | | | 1 | 1 | seq |
|Ugcuggaauuguaacagaagauga..... | 2 | | | 2 | 1 | seq |

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| gauccaaccugagauucugauuuauugcucauucaaaugcgcuggaaauuguacagagaugaauuuaaucaacuuuuuacaaauccaguggauuuuguuuucagaaacauuu | | | |
| .cAcuggaaauuguacagagauga | 39 | 1 | seq |
| .cgcuAgaauuguacagagauga | 1 | 1 | seq |
| .cgcuGaaauuguacagagauga | 1 | 1 | seq |
| .cgcuGaaauuguacagagaugaAa | 3 | 1 | seq |
| .cgcuGaaauuguacagagaugaG | 8 | 1 | seq |
| .cgcuGaaauuguacagagaugaG | 139 | 0 | seq |
| .cgcuGaaauuguacagagaugaG | 1 | 1 | seq |
| .cgcuGaaauuguacagagaugaG | 1 | 1 | seq |
| .cAcuggaaauuguacagagauga | 3 | 1 | seq |
| .cgcuGaaauuguacagagauga | 7 | 0 | seq |
| .cgcuGaaauuguacagagaugaA | 1 | 1 | seq |
| .cgcuGaaauuguacagagaugaC | 1 | 1 | seq |
| .cgcuGaaauuguacagagaugaU | 1 | 0 | seq |
| .cgcuGaaauuguacagagaugaG | 2 | 1 | seq |
| .cgcuGaaauuguacagagaugaA | 11 | 1 | seq |
| .cAcuggaaauuguacagagauga | 2 | 1 | seq |
| .Acuggaaauuguacagagauga | 5 | 1 | seq |
| .gcuggaaauuguacagagauga | 1 | 0 | seq |
| .gcuggaaauuguacagagaugaC | 1 | 1 | seq |
| .gcugAaaauuguacagagauga | 1 | 1 | seq |
| .gcuggaaauuguacagagauga | 43 | 0 | seq |
| .gcuggaaauuguacagagaugaC | 1 | 1 | seq |
| .gcuggaaauuguacagagaugaU | 5 | 1 | seq |
| .Acuggaaauuguacagagauga | 54 | 1 | seq |
| .gcuggaaauuguacagagaugaU | 1 | 1 | seq |
| .ugUaaauuguacagagauga | 1 | 1 | seq |
| .uggaaauuguacagagauga | 4 | 0 | seq |
| .uggaaauuguacagagauga | 20 | 0 | seq |
| .uggaaauuguacagagaugaG | 2 | 1 | seq |
| .uggaGuuguacagagauga | 1 | 1 | seq |
| .uggaaauuguacagagauga | 1 | 0 | seq |
| .caacuuuuuacaaauccag | 2 | 0 | seq |
| .caacuuuuuacaaauccagA | 3 | 1 | seq |
| .caacuuuuuacaaauccagug | 1 | 0 | seq |
| .caacuuuuuacaaauccagugg | 3 | 0 | seq |
| .aacuuuuuacaaaucc | 1 | 0 | seq |
| .aacuuuuuacaaauccag | 2 | 0 | seq |
| .aacuuuuuacaaauccag | 147 | 0 | seq |
| .aacuuuuuacaaauccUgu | 1 | 1 | seq |
| .aacuuuuuacaaauccag | 1 | 1 | seq |
| .aacuuuuuacaaauccGgu | 1 | 1 | seq |
| .aacuuuuuacaaauUcag | 2 | 1 | seq |
| .aacuuuuuacaaauccagC | 37 | 1 | seq |
| .aGcuuuuuacaaauccag | 1 | 1 | seq |
| .aacuuuuuacaaauccagG | 3 | 1 | seq |
| .aacuuuuuacaaauCccag | 1 | 1 | seq |
| .aacuuuuuacaaauccagA | 2 | 1 | seq |
| .aacuuuuuacaaauccaAu | 5 | 1 | seq |
| .aacuuuuuacaaauccaCu | 1 | 1 | seq |
| .aacCuuuuacaaauccag | 1 | 1 | seq |
| .aacuuuuuacaaauUagug | 1 | 1 | seq |
| .aacuuuuuacaaauccagAg | 2 | 1 | seq |
| .aacuuuuuacaaauccagGg | 5 | 1 | seq |
| .aacuuuuuacaaauccaguA | 20 | 1 | seq |
| .aUcuuuuuacaaauccagug | 1 | 1 | seq |
| .aacuuuuuacaaauccagug | 1 | 1 | seq |
| .aacuuuuuacaaauccagCg | 3 | 1 | seq |
| .aacCuuuuacaaauccagug | 1 | 1 | seq |
| .aacuuuuuacaaauccagug | 84 | 0 | seq |
| .aaUuuuuuacaaauccagugg | 1 | 1 | seq |
| .aacuuuuuacaaauccaguAg | 4 | 1 | seq |
| .aacuuuuuacaaauccagugU | 19 | 1 | seq |
| .aacuuuuuacaaauccagugA | 58 | 1 | seq |
| .Gacuuuuuacaaauccagugg | 2 | 1 | seq |
| .aGcuuuuuacaaauccagugg | 1 | 1 | seq |
| .aacuuuuuacaaauccagGgg | 1 | 1 | seq |
| .aacuuuuuacaaauccaguCg | 1 | 1 | seq |
| .aacuuuuuacaaauccagugg | 1 | 1 | seq |

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|--|-----|---|-----|
| gauccaaccugaguucugauuuuauugcucauucaaaugcgcguggaauuguacagaagauga <u>uuu</u> <u>aa</u> <u>u</u> <u>ca</u> acuuuuuacaa <u>u</u> ccaguggauauuuuguuuucagaacauuu | | | |
|aacuuuuuacaa <u>u</u> ccagugC..... | 11 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccagugg..... | 145 | 0 | seq |
|aacuuuuuacaa <u>u</u> ccaguggU..... | 98 | 1 | seq |
|aac <u>U</u> uuuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccagugCa..... | 1 | 1 | seq |
|Cacuuuuuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccaguggC..... | 29 | 1 | seq |
|Gacuuuuuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> Cccagugga..... | 3 | 1 | seq |
|aacuuuuuGcaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacu <u>G</u> uuuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aGcuuuuuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccaguggG..... | 21 | 1 | seq |
|aCcuuuuuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccagugga..... | 274 | 0 | seq |
|aa <u>U</u> uuuuuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccGgugga..... | 1 | 1 | seq |
|aacuuuuuCacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccagCgga..... | 1 | 1 | seq |
|aacuuCucuacaa <u>u</u> ccagugga..... | 1 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccaguggauU..... | 9 | 1 | seq |
|aacuuuuuacaa <u>u</u> ccaguggaua..... | 5 | 0 | seq |
|aacuuuuuacaa <u>u</u> ccaguggUua..... | 1 | 1 | seq |
|acu <u>u</u> uuuacaa <u>u</u> ccagu..... | 1 | 0 | seq |
|cuuuuacaa <u>u</u> ccagugg..... | 1 | 0 | seq |
|cuuuuacaa <u>u</u> ccaguggauU..... | 1 | 1 | seq |