



| 5'- | uggcuuggaguuucagugauuacacugauucacugaaacuccaaaccuga | -3' | exp | |
|-----|---|-------|-----|--------|
| | .(((.(((((((((((.(((((.)))))))))))))))))))))))).... | reads | mm | sample |
| | uggcuuggaguuucagug. | 4 | 0 | seq |
| | uggcuuggaguuucaguU. | 1 | 1 | seq |
| | uggcuuggaguuucaguga. | 1 | 0 | seq |
| | uggcuuggaguuucagGga. | 2 | 1 | seq |
| | uggcuuggaguuucagugau. | 5 | 0 | seq |
| | uggcuuggaguuucagugauC. | 2 | 1 | seq |
| | uggcuuggaguuAagugauu. | 1 | 1 | seq |
| | uggcuuggaguuucagugCuu. | 2 | 1 | seq |
| | uggcuuggaguuucagugauu. | 46 | 0 | seq |
| | Gggcuuggaguuucagugauu. | 1 | 1 | seq |
| | Aggcuuggaguuucagugauug. | 1 | 1 | seq |
| | Gggcuuggaguuucagugauug. | 1 | 1 | seq |
| | ugCcuuggaguuucagugauug. | 1 | 1 | seq |
| | uggcuuggaguuucagugCauug. | 1 | 1 | seq |
| | uggcuuggaguuucagugauuU. | 1 | 1 | seq |
| | uggcuuggaguuucagugauuA. | 7 | 1 | seq |
| | uggcuuggaguuucagugauug. | 50 | 0 | seq |
| | uggcuuggaguuAagugauuuga. | 1 | 1 | seq |
| | uggcAuggaguuucagugauuga. | 1 | 1 | seq |
| | ugAcuuggaguuucagugauuga. | 1 | 1 | seq |
| | uggUuuggaguuucagugauuga. | 1 | 1 | seq |
| | uggcuuggaguuucaguAauuga. | 1 | 1 | seq |
| | uggcuuggaguuucagugauCga. | 1 | 1 | seq |
| | uggcuCggaguuucagugauuga. | 2 | 1 | seq |
| | uggcuuggaguuCcuagugauuga. | 3 | 1 | seq |
| | uggcuuggaguuucagugauugU. | 17 | 1 | seq |
| | uggcuuAagaguuucagugauuga. | 1 | 1 | seq |
| | uggcuuggaguuucagugaCuga. | 1 | 1 | seq |
| | Aggcuuggaguuucagugauuga. | 3 | 1 | seq |
| | uggcuuggGguucagugauuga. | 2 | 1 | seq |
| | uUgcuuggaguuucagugauuga. | 1 | 1 | seq |
| | uggcCuggaguuucagugauuga. | 2 | 1 | seq |
| | uggcuuggaguuucagugauGga. | 11 | 1 | seq |
| | uggcuuggCguucagugauuga. | 1 | 1 | seq |
| | ugUcuuggaguuucagugauuga. | 1 | 1 | seq |

uggcuuggaguucuaagugauugauucacugauucacugaacuccaaaccuga

| | | | |
|---|-----|---|-----|
| uggcuuggaguucuaagugauuga..... | 2 | 1 | seq |
| uggcuuggaguucuaagugauuga..... | 481 | 0 | seq |
| uggcuuggaAuucuaagugauuga..... | 2 | 1 | seq |
| Cggcuuggaguucuaagugauuga..... | 1 | 1 | seq |
| uggcuuggaguA <u>cu</u> agugauuga..... | 1 | 1 | seq |
| uggcuuggaguuc <u>G</u> ugauuga..... | 5 | 1 | seq |
| uggcuuggaguuc <u>ag</u> Aguuga..... | 2 | 1 | seq |
| uggc <u>G</u> uggaguucuaagugauuga..... | 1 | 1 | seq |
| uggcuuggaguucuaagugauu <u>G</u> | 9 | 1 | seq |
| uggcuuggGguucuaagugauu <u>g</u> au..... | 1 | 1 | seq |
| uggcuuggaguucuaagugauu <u>g</u> au..... | 38 | 0 | seq |
| uggcuuggaguucuaagugauu <u>g</u> auC..... | 3 | 1 | seq |
| uggcuuggaguucuaagugauu <u>g</u> auA..... | 1 | 1 | seq |
| uggcuuggaguucuaagugauu <u>g</u> auA..... | 2 | 1 | seq |
| uggcuuggaguucuaagugauu <u>g</u> auA..... | 3 | 1 | seq |
| uggcuuggaguucuaagugauu <u>g</u> auu..... | 8 | 0 | seq |
| uggcuuggaguuc <u>a</u> Cugauu <u>g</u> auu..... | 1 | 1 | seq |
| uggcuuggaguucuaagugauu <u>g</u> auA <u>u</u> c..... | 2 | 1 | seq |
| u <u>g</u> A <u>cu</u> uggaguucuaagugauu <u>g</u> auu <u>ca</u> | 1 | 1 | seq |
| uggcuuggaguucuaagugauu <u>g</u> auu <u>ca</u> cu..... | 1 | 1 | seq |
| ...cuuggaguucuaagugauu <u>g</u> auu..... | 4 | 0 | seq |
|uucacugauucacugaacuccaaaccuga | 1 | 0 | seq |
|auucacugaacuccaaacc..... | 4 | 0 | seq |
|auucacugaacuccaaacU..... | 3 | 1 | seq |
|auucacugaacuccaaacA..... | 14 | 1 | seq |
|auucacugaacuccaaaccA..... | 11 | 1 | seq |
|auucacugaacuccaaaccu..... | 51 | 0 | seq |
|auucacugaacuccaaaccC..... | 9 | 1 | seq |
|aCucacugaacuccaaaccu..... | 1 | 1 | seq |
|auucacCgaacuccaaaccu..... | 1 | 1 | seq |
|auucacugaacuccaaaccug..... | 53 | 0 | seq |
|Guucacugaacuccaaaccug..... | 3 | 1 | seq |
|auucacugaacuccaaaccuU..... | 2 | 1 | seq |
|auucacCgaacuccaaaccug..... | 3 | 1 | seq |
|auucacugaacuccaaaccuC..... | 2 | 1 | seq |
|auucacugaacuccaaaccuA..... | 7 | 1 | seq |
|auCcacugaacuccaaaccug..... | 2 | 1 | seq |
|auucGcugaacuccaaaccuga..... | 1 | 1 | seq |
|auucacugaacuccaaaccGga..... | 2 | 1 | seq |
|auucacCgaacuccaaaccuga..... | 1 | 1 | seq |
|auucacugaacuccaaaccuga..... | 80 | 0 | seq |
|auucacugaacuccaaaccugU..... | 7 | 1 | seq |
|auucacGgaacuccaaaccuga..... | 1 | 1 | seq |
|auucacugaacuccaaaccugG..... | 2 | 1 | seq |
|auucacugaacuccaaaccugC..... | 1 | 1 | seq |
|auucacugaacuccaaaccuUa..... | 1 | 1 | seq |
|auucacugGacuccaaaccuga..... | 1 | 1 | seq |
|uucacugaacuccaaacA..... | 1 | 1 | seq |
|uucacugaacuccaaacU..... | 4 | 1 | seq |
|uucacugaacuccaaacG..... | 3 | 1 | seq |
|uucacugaacuccaaacUu..... | 2 | 1 | seq |
|uucacugaacuccaaaccC..... | 5 | 1 | seq |
|uGcacugaacuccaaaccu..... | 1 | 1 | seq |
|uucacugaacuccaaaccu..... | 38 | 0 | seq |
|uucacugaacuccaaaccA..... | 5 | 1 | seq |
|uucacAgaacuccaaaccug..... | 1 | 1 | seq |
|uAcacugaacuccaaaccug..... | 1 | 1 | seq |
|uucacuCaacuccaaaccug..... | 1 | 1 | seq |
|uucacugaacuccaaaccug..... | 70 | 0 | seq |
|uucacugaacuccaaaccuU..... | 2 | 1 | seq |
|Cucacugaacuccaaaccug..... | 1 | 1 | seq |
|uucacugaGcuccaaaccug..... | 1 | 1 | seq |
|uucacugaacuccaaaccuA..... | 8 | 1 | seq |
|uucacugaacuccaaaccuga..... | 16 | 0 | seq |
|uucacugaacuccaaGccuga..... | 2 | 1 | seq |
|uucacugaacuccaaaccugU..... | 1 | 1 | seq |
|ucacugaacuccaaaccA..... | 1 | 1 | seq |
|ucacugaacuccaaaccu..... | 12 | 0 | seq |
|ucGcugaacuccaaaccug..... | 1 | 1 | seq |
|ucacugaacuccaaaccug..... | 35 | 0 | seq |

| | | | | |
|---------------------------|-------------------------------|---|-----|--|
| uggcuuggaguucuaagugauuga | uucacugauucacugaacuccaaaccuga | | | |
|ucacugaUcuccaaaccug. | 1 | 1 | seq | |
|ucacCgaacuccaaaccug. | 1 | 1 | seq | |
|ucacugGacuccaaaccug. | 1 | 1 | seq | |
|ucaUugaacuccaaaccug. | 2 | 1 | seq | |
|ucacugaacuccaaaccuA. | 11 | 1 | seq | |
|ucacugaacuccaaaccuU. | 2 | 1 | seq | |
|ucacugaacuccaaaccugU | 4 | 1 | seq | |
|ucacugaacuccaaaccuga | 7 | 0 | seq | |
|cacugaacuccaaaccug. | 2 | 0 | seq | |
|cacugaacuccaaaccuA. | 2 | 1 | seq | |
|acugaacuccaaaccugC | 3 | 1 | seq | |
|acugaacuccaaaccuga | 9 | 0 | seq | |
|acugaacuccaaaccGga | 1 | 1 | seq | |