



Mature

Star

uugaccagucagaaauaugucaaagugcuuacagugcagguagugauaugugcauucacugcagugaagcacuugugacauuauuggugacagcugccucgggaagccaaggu

|   |      |   |     |
|---|------|---|-----|
| ..... caaagugcuCacagugcagguag .....             | 1    | 1 | seq |
| ..... caaagugcuuacagugcagguag .....             | 4061 | 0 | seq |
| ..... caaagugcuuacagugcUgguag .....             | 1    | 1 | seq |
| ..... cUaagugcuuacagugcagguag .....             | 2    | 1 | seq |
| ..... caaagAgcuuacagugcagguag .....             | 2    | 1 | seq |
| ..... caaagugcuuacagugcagguAA .....             | 6    | 1 | seq |
| ..... Gaaagugcuuacagugcagguag .....             | 4    | 1 | seq |
| ..... caaagugcuuacagugcagguUg .....             | 2    | 1 | seq |
| ..... caaagugcuuacagCgcagguag .....             | 1    | 1 | seq |
| ..... caaagugcuuacagugcagggGag .....            | 1    | 1 | seq |
| ..... caaagugcuuacagugcagguAU .....             | 20   | 1 | seq |
| ..... caaagugcuuacGgugcagguag .....             | 1    | 1 | seq |
| ..... caaagugcuuUagugcagguag .....              | 1    | 1 | seq |
| ..... caGagugcuuacagugcagguag .....             | 2    | 1 | seq |
| ..... caaaNugcuuacagugcagguag .....             | 1    | 1 | seq |
| ..... caaagugcuuacagAgcagguag .....             | 2    | 1 | seq |
| ..... caaagugcuuacagugcagguGg .....             | 4    | 1 | seq |
| ..... caaagugcuuacagugcagAuagu .....            | 1    | 1 | seq |
| ..... caaagugcuuacagugcagguagC .....            | 5    | 1 | seq |
| ..... caaagugcuuacagugcagguAU .....             | 8    | 1 | seq |
| ..... caaagugcuuacagugcagguAU .....             | 1    | 1 | seq |
| ..... caaagugAUuacagugcagguagu .....            | 1    | 1 | seq |
| ..... caaagugcuuacagugcagggCagu .....           | 1    | 1 | seq |
| ..... caaagugcuuacagugcagguagA .....            | 394  | 1 | seq |
| ..... caaagugcuuacagugcagguagu .....            | 2503 | 0 | seq |
| ..... caaagugcuuacagugcUgguagu .....            | 1    | 1 | seq |
| ..... caaagGgcuuacagugcagguagu .....            | 2    | 1 | seq |
| ..... caaagugcuuacaguAcagguagu .....            | 1    | 1 | seq |
| ..... caaagugcCuacagugcagguagu .....            | 1    | 1 | seq |
| ..... caaagCgcuuacagugcagguagu .....            | 1    | 1 | seq |
| ..... caaagugcuuacagugcGgguagu .....            | 6    | 1 | seq |
| ..... caaagugcuuacagugcaAgguagu .....           | 1    | 1 | seq |
| ..... Aaaagugcuuacagugcagguagu .....            | 35   | 1 | seq |
| ..... caaUgugcuuacagugcagguagu .....            | 1    | 1 | seq |
| ..... Uaaagugcuuacagugcagguagu .....            | 1    | 1 | seq |
| ..... cGaaagugcuuacagugcagguagu .....           | 1    | 1 | seq |
| ..... caaagugcuuacCgugcagguagu .....            | 139  | 1 | seq |
| ..... caaagugcuuacagugcCgguagu .....            | 1    | 1 | seq |
| ..... caaaUgugcuuacagugcagguagu .....           | 1    | 1 | seq |
| ..... caaagugcuuacagugcagguagG .....            | 7    | 1 | seq |
| ..... caaagugcuuacGgugcagguagu .....            | 1    | 1 | seq |
| ..... caaagugcuuacagugcagguagA .....            | 4    | 1 | seq |
| ..... caaagugcuuacagugcagguagAg .....           | 4    | 1 | seq |
| ..... caaagugcuuacagugcagguagug .....           | 1    | 0 | seq |
| ..... caaagugcuuacagugcagguaguC .....           | 2    | 1 | seq |
| ..... caaagugcuuacagugcagguaguU .....           | 35   | 1 | seq |
| ..... caaagugcuuacagugcagguagugU .....          | 1    | 1 | seq |
| ..... caaagugcuuacagugcagguaguAA .....          | 2    | 1 | seq |
| ..... caaagugcuuacagugcagguagugau .....         | 1    | 0 | seq |
| ..... caaagugcuuacagugcagguagugauaugugcau ..... | 2    | 1 | seq |
| ..... caaagugcuuacagugcagguagugauaugugcau ..... | 1    | 0 | seq |
| ..... aaagugcuuacagugcagg .....                 | 6    | 0 | seq |
| ..... Caagugcuuacagugcagg .....                 | 1    | 1 | seq |
| ..... Gaagugcuuacagugcagguag .....              | 2    | 1 | seq |
| ..... aaagugcuuacagugcagguag .....              | 80   | 0 | seq |
| ..... aaagugcuuacCgugcagguag .....              | 1    | 1 | seq |
| ..... Caagugcuuacagugcagguag .....              | 2    | 1 | seq |
| ..... aaagugcuuacagugcagguagA .....             | 1    | 1 | seq |
| ..... aaagugcuuacagugcagguagu .....             | 15   | 0 | seq |
| ..... aaagugcuuacCgugcagguagu .....             | 1    | 1 | seq |
| ..... aagugcuuacagugcagg .....                  | 1    | 0 | seq |
| ..... aagugcuuacagugcaggua .....                | 4    | 0 | seq |
| ..... aagugcuuacagugcagguag .....               | 10   | 0 | seq |
| ..... aagugcuuacagugcagguagA .....              | 3    | 1 | seq |
| ..... aagugcuuacagugcagguagu .....              | 8    | 0 | seq |
| ..... aagugcuuacagugcagguAU .....               | 1    | 1 | seq |
| ..... agugcuuacagugcagg .....                   | 3    | 0 | seq |
| ..... agugcuuacCgugcagg .....                   | 1    | 1 | seq |
| ..... agugcuuacagugcagguag .....                | 14   | 0 | seq |
| ..... agugcuuacCgugcagguag .....                | 1    | 1 | seq |

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|                      |                              |            |                       |         |                               |     |   |     |
|----------------------|------------------------------|------------|-----------------------|---------|-------------------------------|-----|---|-----|
| uugaccagucagauaauguc | caaagugcuuacagugcagguagugaua | ugugcaucua | cugcagugaagggcacuugua | gcauuau | gugugacagcugccucgggaagccaaggu |     |   |     |
| .....                | agugcuuacCgugcagguagu        | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | agugcuuacagugcagguagu        | .....      | .....                 | .....   | .....                         | 2   | 0 | seq |
| .....                | agugcuuacagugcagguaguU       | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | gugcuuacagugcagguag          | .....      | .....                 | .....   | .....                         | 12  | 0 | seq |
| .....                | gugcuuacagugcagguagu         | .....      | .....                 | .....   | .....                         | 6   | 0 | seq |
| .....                | gugcuuacagugcagguagA         | .....      | .....                 | .....   | .....                         | 2   | 1 | seq |
| .....                | ugcuuacagugcagguag           | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | ugcuuacagugcagguag           | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | ugcuuacagugcagguagu          | .....      | .....                 | .....   | .....                         | 2   | 0 | seq |
| .....                | ugcuuacCgugcagguagu          | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | gcuuacagugcagguag            | .....      | .....                 | .....   | .....                         | 9   | 0 | seq |
| .....                | gcuuacCgugcagguag            | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | gcuuacagugcagguagu           | .....      | .....                 | .....   | .....                         | 5   | 0 | seq |
| .....                | cuuacagugcagguagu            | .....      | .....                 | .....   | .....                         | 3   | 0 | seq |
| .....                | uacugcagugaagggcacuug        | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | uacugcagugaCggcacuugua       | .....      | .....                 | .....   | .....                         | 2   | 1 | seq |
| .....                | uacugcagugaagggcacuugua      | .....      | .....                 | .....   | .....                         | 7   | 0 | seq |
| .....                | Cacugcagugaagggcacuugua      | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | uacugcagugaagggcacuugua      | .....      | .....                 | .....   | .....                         | 8   | 0 | seq |
| .....                | acugcagugaagggcacu           | .....      | .....                 | .....   | .....                         | 5   | 0 | seq |
| .....                | acugcagugaagggcacuug         | .....      | .....                 | .....   | .....                         | 200 | 0 | seq |
| .....                | acugcCgugaagggcacuug         | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcCuug          | .....      | .....                 | .....   | .....                         | 20  | 1 | seq |
| .....                | acugcagugaagggcacuGg         | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagAgaagggcacuug         | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcCuug          | .....      | .....                 | .....   | .....                         | 11  | 1 | seq |
| .....                | acugcagugaagggcacuugu        | .....      | .....                 | .....   | .....                         | 139 | 0 | seq |
| .....                | acugcagugaagggcacuGg         | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagAgaagggcacuugu        | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | aUugcagugaagggcacuugu        | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcacuugA        | .....      | .....                 | .....   | .....                         | 10  | 1 | seq |
| .....                | acugcCgugaagggcacuugu        | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcacuugAa       | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcCuugua        | .....      | .....                 | .....   | .....                         | 33  | 1 | seq |
| .....                | acugcagugaagggcacuuguU       | .....      | .....                 | .....   | .....                         | 7   | 1 | seq |
| .....                | acugcagugaagggcacuuguG       | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcacuAgu        | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcUcuugua       | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcaGuugua       | .....      | .....                 | .....   | .....                         | 2   | 1 | seq |
| .....                | acugcagugaagggcacuugua       | .....      | .....                 | .....   | .....                         | 460 | 0 | seq |
| .....                | acugcCgugaagggcacuugua       | .....      | .....                 | .....   | .....                         | 3   | 1 | seq |
| .....                | acugcagugaagggcCuugua        | .....      | .....                 | .....   | .....                         | 6   | 1 | seq |
| .....                | acugcagugaagggcaGuugua       | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcacuugua       | .....      | .....                 | .....   | .....                         | 147 | 0 | seq |
| .....                | acugcagugaagggcacuuguaA      | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcacuuguaU      | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcacuuguaG      | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | acugcagugaagggcacuuguaGc     | .....      | .....                 | .....   | .....                         | 56  | 0 | seq |
| .....                | acugcagugaagggcacuuguaGU     | .....      | .....                 | .....   | .....                         | 21  | 1 | seq |
| .....                | acugcagugaagggcacuuguaGA     | .....      | .....                 | .....   | .....                         | 9   | 1 | seq |
| .....                | acugcagugaagggcCuuguaGc      | .....      | .....                 | .....   | .....                         | 5   | 1 | seq |
| .....                | acugcagugaagggcacuuguaGU     | .....      | .....                 | .....   | .....                         | 34  | 1 | seq |
| .....                | acugcagugaagggcacuuguaGUu    | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | cugcagugaagggcacuug          | .....      | .....                 | .....   | .....                         | 2   | 0 | seq |
| .....                | cugcagugaagggcacuugu         | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | cugcagugaagggcacuugua        | .....      | .....                 | .....   | .....                         | 2   | 0 | seq |
| .....                | cugcagugaagggcacuuguaGc      | .....      | .....                 | .....   | .....                         | 6   | 0 | seq |
| .....                | cugcagugaagggcacuuguaGU      | .....      | .....                 | .....   | .....                         | 5   | 1 | seq |
| .....                | cugcagugaagggcacuuguaGUu     | .....      | .....                 | .....   | .....                         | 2   | 1 | seq |
| .....                | ugcagugaagggcacuugua         | .....      | .....                 | .....   | .....                         | 3   | 0 | seq |
| .....                | Ggcagugaagggcacuugua         | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | ugcagugaagggcacuuguaGU       | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | gcagugaagggcacuugua          | .....      | .....                 | .....   | .....                         | 2   | 0 | seq |
| .....                | gcagugaagggcacuugua          | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | gcagugaagggcacuuguaGcaCu     | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |
| .....                | cagugaagggcacuugua           | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | cagugaagggcacuugua           | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | auuauuggugacagcugccu         | .....      | .....                 | .....   | .....                         | 3   | 0 | seq |
| .....                | auuauuggugacagcugccucggg     | .....      | .....                 | .....   | .....                         | 1   | 0 | seq |
| .....                | auuauuggugacagcugccucgggGa   | .....      | .....                 | .....   | .....                         | 1   | 1 | seq |

**Mature**

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uugaccagucagaauaaugc**aaagugcuuacagugcagguagugauaugugcaucua**cugcagugaaggc**acuuguag**cauuauuggugacagcugccucgggaagccaaggu  
.....auuauuggugacagcugccucggg**Gag**.....

1

1

seq