



Star

| 5' | uaucucugauugaaauauauuuuaugaaauguaauucaaucgucauaugauuuaggguucggguuaggguucugucuaaggguaggggcuaagaaacccgaguuacgaauucugaauu | -3' | obs | |
|----|--|-------|-----|--------|
| | uacucugauugaaauauauuuuaugaaauguaauucaaucgucauaugauuuaggguucggguuaggguucugucuaaggguaggggcuaagaaacccgaguuacgaauucugaauu | | exp | |
| |((((((((((((((.....)))))))))))).....((((((((((((((.....((((((((((.....))))))..)))))))))))).. | reads | mm | sample |
| |Auaggguucggguuagggu..... | 1 | 1 | s13 |
| |aggguucggguuaggguuU..... | 1 | 1 | s13 |
| |Auaggguaggggcuaagaacccgagu..... | 1 | 1 | s13 |
| |aaugaaauguaauucaaucguca..... | 1 | 0 | s72 |
| |Auaggguucggguuagggu..... | 3 | 1 | s72 |
| |Auaggguucggguuagggu..... | 6 | 1 | s72 |
| |Auaggguucggguuaggguu..... | 3 | 1 | s72 |
| |Auaggguucggguuaggguuc..... | 3 | 1 | s72 |
| |Auaggguucggguuaggguucu..... | 1 | 1 | s72 |
| |Auaggguucggguuaggguucug..... | 3 | 1 | s72 |
| |Aaggguucggguuagggu..... | 1 | 1 | s72 |
| |uaggguucggguuagggu..... | 1 | 0 | s72 |
| |Aaggguucggguuaggguucu..... | 1 | 1 | s72 |
| |Aaggguucggguuaggguucug..... | 1 | 1 | s72 |
| |aggguucggguuaggguu..... | 3 | 0 | s72 |
| |aggguucggguuaggguuc..... | 2 | 0 | s72 |
| |aggguucggguuaggguucug..... | 1 | 0 | s72 |
| |aggguucgggAuaggguucug..... | 1 | 1 | s72 |
| |aggguucggguGaggguucug..... | 1 | 1 | s72 |
| |aggguucggguuaggguucugu..... | 5 | 0 | s72 |
| |Auaggguaggggcuaagaa..... | 1 | 1 | s72 |
| |Auaggguaggggcuaagaacc..... | 1 | 1 | s72 |
| |cuaagaacccgaguuacgaU..... | 1 | 1 | s72 |
| |acccgaguuacgaauucg..... | 1 | 0 | s72 |
| |uuaggguucggguuagggu..... | 4 | 0 | s23 |
| |Auaggguucggguuagggu..... | 28 | 1 | s23 |
| |uuaggguucggguuagggu..... | 3 | 0 | s23 |
| |Auaggguucggguuagggu..... | 47 | 1 | s23 |
| |uuaggguucggguuaggguu..... | 2 | 0 | s23 |
| |Auaggguucggguuaggguu..... | 81 | 1 | s23 |
| |Auaggguucggguuaggguuc..... | 21 | 1 | s23 |

Mature

Star

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| | | | |
|---|----|---|-----|
|uuaggguuucggguuuaggguuu..... | 1 | 1 | s23 |
|uuaggguuucggguuuaggguuuc..... | 2 | 0 | s23 |
|Auaggguuucggguuuaggguuuc..... | 10 | 1 | s23 |
|Auaggguuucggguuuaggguuucug..... | 6 | 1 | s23 |
|Auaggguuucggguuuaggguuucugu..... | 5 | 1 | s23 |
|uaggguuucggguuuaggguu..... | 4 | 0 | s23 |
|Aaggguuucggguuuaggguu..... | 6 | 1 | s23 |
|Aaggguuucggguuuaggguu..... | 10 | 1 | s23 |
|uaggguuucggguuuaggguu..... | 3 | 0 | s23 |
|uaggguuucggguuuaggguuuc..... | 1 | 0 | s23 |
|Aaggguuucggguuuaggguuuc..... | 7 | 1 | s23 |
|Aaggguuucggguuuaggguuuc..... | 2 | 1 | s23 |
|uaggguuucggguuuaggguuuc..... | 1 | 0 | s23 |
|uaggguuucggguuuaggguuucug..... | 1 | 0 | s23 |
|Aaggguuucggguuuaggguuucug..... | 3 | 1 | s23 |
|Aaggguuucggguuuaggguuucugu..... | 4 | 1 | s23 |
|aggguuucggguuuaggguu..... | 20 | 0 | s23 |
|aggguuucggguuuaggguuuc..... | 20 | 0 | s23 |
|aggguuucggguuuaggguuuc..... | 1 | 1 | s23 |
|aggguuucggguuuaggguuuc..... | 1 | 1 | s23 |
|aggguuucggguuuaggguuuc..... | 10 | 0 | s23 |
|aggguuucggguuuaggguuucug..... | 1 | 1 | s23 |
|aggguuucggguuuaggguuucug..... | 3 | 0 | s23 |
|aggguuucggguuuaggguuucugu..... | 4 | 0 | s23 |
|aggguuucggguuuaggguuucugA..... | 2 | 1 | s23 |
|Uggguucggguuuaggguuucugu..... | 1 | 1 | s23 |
|aggguuucggguuuaggguuucuguA..... | 7 | 1 | s23 |
|ggguucggguuuaggguuucug..... | 1 | 0 | s23 |
|guucggguuuaggguuucugu..... | 1 | 0 | s23 |
|Auagggugagggcuuagaa..... | 2 | 1 | s23 |
|Auagggugagggcuuagaaacccgagu..... | 2 | 1 | s23 |
|Auagggugagggcuuagaaacccgaguuc..... | 1 | 1 | s23 |
|agggugagggcuuagaaacccgag..... | 2 | 0 | s23 |
|Auaggguuucggguuuaggg..... | 20 | 1 | s52 |
|uuaggguuucggguuuaggg..... | 3 | 0 | s52 |
|uuaggguuucggguuuaggggu..... | 2 | 0 | s52 |
|Auaggguuucggguuuaggggu..... | 37 | 1 | s52 |
|Auaggguuucggguuuaggggu..... | 40 | 1 | s52 |
|uuaggguuucggguuuaggggu..... | 5 | 0 | s52 |
|Auaggguuucggguuuagggguuc..... | 7 | 1 | s52 |
|Auaggguuucggguuuagggguuc..... | 10 | 1 | s52 |
|uuaggguuucggguuuagggguucug..... | 1 | 0 | s52 |
|Auaggguuucggguuuagggguucug..... | 5 | 1 | s52 |
|Auaggguuucggguuuagggguucugu..... | 6 | 1 | s52 |
|uaggguuucggguuuaggggu..... | 3 | 0 | s52 |
|uaggguuucggguuuaggggu..... | 1 | 1 | s52 |
|Aaggguuucggguuuaggggu..... | 4 | 1 | s52 |
|Aaggguuucggguuuaggggu..... | 17 | 1 | s52 |
|uaggguuucggguuuaggggu..... | 3 | 0 | s52 |
|Aaggguuucggguuuagggguuc..... | 6 | 1 | s52 |
|uaggguuucggguuuagggguuc..... | 1 | 0 | s52 |
|Aaggguuucggguuuagggguucug..... | 1 | 1 | s52 |
|Aaggguuucggguuuagggguucugu..... | 1 | 1 | s52 |
|aggguuucggguuuaggggu..... | 2 | 1 | s52 |
|aggguuucggguuuaggggu..... | 38 | 0 | s52 |
|agUguucggguuuaggggu..... | 1 | 1 | s52 |
|aggguuucggguuuagggguuU..... | 2 | 1 | s52 |
|aggguuucggguuuagggguuc..... | 1 | 1 | s52 |
|aggguuucggguuuagggguuc..... | 2 | 1 | s52 |
|aggguuucggguuuagggguuc..... | 29 | 0 | s52 |
|aggguuucggguuuagggguuc..... | 2 | 0 | s52 |
|aggguuucggguuuagggguuGu..... | 1 | 1 | s52 |
|aggguuucggguuuagggguuA..... | 3 | 1 | s52 |
|aggguuucggguuuagggguucug..... | 14 | 0 | s52 |
|aggguuucggguuuagggguucugu..... | 9 | 0 | s52 |
|aggguuucggguuuagggguucuguA..... | 1 | 1 | s52 |
|ggguucggguuuagggguuUu..... | 1 | 1 | s52 |
|ggguucggguuuagggguucug..... | 1 | 0 | s52 |
|guucggguuuagggguucug..... | 2 | 0 | s52 |

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uauucugauugaauauauuuuaugaaauguaaucaaucgucauaugauuuagggguucggguuagggguucugucuaagggugagggcuagaaccgagguucgaauucugaaa

| | | | |
|--------------------------------------|----|---|-----|
|guucggguGagggguucug..... | 1 | 1 | s52 |
|Auagggugagggcuagaacc..... | 2 | 1 | s52 |
|Auagggugagggcuagaaccgaguu..... | 2 | 1 | s52 |
|agggugagggcuagaacc..... | 1 | 0 | s52 |
|Agagggcuagaaccgaguu..... | 1 | 1 | s52 |
|Agagggcuagaaccgaguu..... | 1 | 1 | s52 |
|Agagggcuagaaccgaguuuc..... | 1 | 1 | s52 |
|Agagggcuagaaccgaguuucgauc..... | 2 | 1 | s52 |
|Auaagaaccgaguuucgaucuu..... | 1 | 1 | s52 |
|Auagggguucggguuaggg..... | 3 | 1 | s85 |
|Auagggguucggguuagggguu..... | 2 | 1 | s85 |
|Auagggguucggguuagggguuc..... | 3 | 1 | s85 |
|Auagggguucggguuagggguucug..... | 4 | 1 | s85 |
|agggguucggguuagggguu..... | 1 | 0 | s85 |
|agggguucggguGagggguuc..... | 1 | 1 | s85 |
|ggguucggguuagggguucug..... | 1 | 0 | s85 |
|Augucagggugagggcuaga..... | 1 | 1 | s85 |
|Agagggcuagaaccgaguuuc..... | 1 | 1 | s85 |
|agggcuagaaccgaguuucg..... | 1 | 0 | s85 |
|Auagggguucggguuaggg..... | 30 | 1 | s60 |
|uuagggguucggguuaggggu..... | 1 | 0 | s60 |
|Auagggguucggguuaggggu..... | 56 | 1 | s60 |
|uuagggguucggguuaggggu..... | 1 | 0 | s60 |
|Auagggguucggguuaggggu..... | 33 | 1 | s60 |
|Auagggguucggguuagggguuc..... | 9 | 1 | s60 |
|Auagggguucggguuagggguuc..... | 9 | 1 | s60 |
|uuagggguucggguGagggguuc..... | 1 | 1 | s60 |
|Auagggguucggguuagggguucug..... | 4 | 1 | s60 |
|Auagggguucggguuagggguucgu..... | 2 | 1 | s60 |
|Agggguucggguuaggggu..... | 10 | 1 | s60 |
|uagggguucggguAuaggggu..... | 1 | 1 | s60 |
|uagggguucggguuaggggu..... | 4 | 0 | s60 |
|uagggguucggguGaggggu..... | 1 | 1 | s60 |
|Agggguucggguuaggggu..... | 7 | 1 | s60 |
|uagggguucggguuaggggu..... | 5 | 0 | s60 |
|Agggguucggguuagggguuc..... | 1 | 1 | s60 |
|agggguucggguuaggggu..... | 38 | 0 | s60 |
|agggguucggguGaggggu..... | 2 | 1 | s60 |
|agggguucggguGagggguuc..... | 2 | 1 | s60 |
|agggguucggguuagggguuU..... | 2 | 1 | s60 |
|agggguucggguuagggguuc..... | 13 | 0 | s60 |
|agggguucggguuagggguuUu..... | 2 | 1 | s60 |
|agggguucggguuagggguuc..... | 10 | 0 | s60 |
|agggguucggguGagggguuc..... | 3 | 1 | s60 |
|agggguucggguAuagggguuc..... | 1 | 1 | s60 |
|agggguucggguuagggguucug..... | 6 | 0 | s60 |
|agggguucggguuagggguucgu..... | 10 | 0 | s60 |
|agggguucggguuagggguucguA..... | 2 | 1 | s60 |
|ggguucggguuagggguuU..... | 1 | 1 | s60 |
|ggguucggguuagggguuc..... | 1 | 0 | s60 |
|ggguucggguGagggguucgu..... | 1 | 1 | s60 |
|ggguucggguuagggguucguA..... | 1 | 1 | s60 |
|ggguucggguuagggguucgu..... | 1 | 0 | s60 |
|guucggguuagggguucug..... | 2 | 0 | s60 |
|Auagggugagggcuaga..... | 1 | 1 | s60 |
|Auagggugagggcuagaacc..... | 1 | 1 | s60 |
|Auagggugagggcuagaaccgag..... | 1 | 1 | s60 |
|Auagggugagggcuagaaccgagu..... | 1 | 1 | s60 |
|Auagggugagggcuagaaccgaguu..... | 1 | 1 | s60 |
|uagggugagggcuagaU..... | 1 | 1 | s60 |
|uagggugagggcuaga..... | 1 | 0 | s60 |
|uagggugagggcuagaaccgaguuca..... | 1 | 0 | s60 |
|agggugagggcuagaacc..... | 2 | 0 | s60 |
|agggugagggcuagaacc..... | 1 | 0 | s60 |
|agggugagggcuagaaccg..... | 2 | 0 | s60 |
|Agagggcuagaagaaccgag..... | 2 | 1 | s60 |
|Agagggcuagaagaaccgagu..... | 2 | 1 | s60 |
|Agagggcuagaagaaccgaguu..... | 1 | 1 | s60 |

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uauucuugauugaaauauuuuaaugaaaugauuucacugucauugauuuuaggguuucggguuuaggguuucugucuagggugagggcuuagaaacccgaguuucgaauucugaaaau

| | | | |
|---------------------------------------|-----|---|-----|
|Agagggcuuagaaacccgaguuucg..... | 1 | 1 | s60 |
|agggcuuagaaacccgaguuuc..... | 1 | 0 | s60 |
|gggcuuagaaacccgaguuuc..... | 1 | 0 | s60 |
|uuaggguuucggguuuaggg..... | 4 | 0 | s35 |
|Auaggguuucggguuuaggg..... | 84 | 1 | s35 |
|Auaggguuucggguuuaggg..... | 170 | 1 | s35 |
|uuaggguuucggguuuaggg..... | 8 | 0 | s35 |
|uuUggguuucggguuuaggg..... | 1 | 1 | s35 |
|Auaggguuucggguuuaggg..... | 127 | 1 | s35 |
|uuaggguuucggguuuaggg..... | 3 | 0 | s35 |
|uuaggguuucggguuuaggg..... | 2 | 0 | s35 |
|Auaggguuucggguuuaggg..... | 52 | 1 | s35 |
|uuaggguuucggguuuaggg..... | 1 | 0 | s35 |
|Auaggguuucggguuuaggg..... | 15 | 1 | s35 |
|Auaggguuucggguuuaggg..... | 5 | 1 | s35 |
|uuaggguuucggguuuaggg..... | 1 | 0 | s35 |
|Auaggguuucggguuuaggg..... | 7 | 1 | s35 |
|Aaggguuucggguuuaggg..... | 35 | 1 | s35 |
|uaggguuucggguuuaggg..... | 17 | 0 | s35 |
|uaggguuucggguuuaggg..... | 11 | 0 | s35 |
|Aaggguuucggguuuaggg..... | 36 | 1 | s35 |
|uaggguuucggguuuaggg..... | 2 | 1 | s35 |
|Aaggguuucggguuuaggg..... | 11 | 1 | s35 |
|uaggguuucggguuuaggg..... | 3 | 0 | s35 |
|Aaggguuucggguuuaggg..... | 4 | 1 | s35 |
|uaggguuucggguuuaggg..... | 1 | 0 | s35 |
|uaggguuucggguuuaggg..... | 1 | 1 | s35 |
|Aaggguuucggguuuaggg..... | 5 | 1 | s35 |
|Aaggguuucggguuuaggg..... | 3 | 1 | s35 |
|uUggguuucggguuuaggg..... | 1 | 1 | s35 |
|aggguuucggguuuaggg..... | 7 | 1 | s35 |
|aggguuucggguuuaggg..... | 2 | 1 | s35 |
|aggguuucggguuuaggg..... | 141 | 0 | s35 |
|aggguuucggguuuaggg..... | 5 | 1 | s35 |
|aggguuucggguuuaggg..... | 2 | 1 | s35 |
|aggguuucggguuuaggg..... | 68 | 0 | s35 |
|aggguuucggguuuaggg..... | 1 | 1 | s35 |
|aggguuucggguuuaggg..... | 1 | 1 | s35 |
|aggguuucggguuuaggg..... | 22 | 0 | s35 |
|aggguuucggguuuaggg..... | 1 | 1 | s35 |
|aggguuucggguuuaggg..... | 22 | 0 | s35 |
|aggguuucggguuuaggg..... | 2 | 1 | s35 |
|aggguuucggguuuaggg..... | 15 | 0 | s35 |
|aggguuucggguuuaggg..... | 1 | 1 | s35 |
|aggguuucggguuuaggg..... | 7 | 1 | s35 |
|ggguuucggguuuaggg..... | 1 | 0 | s35 |
|ggguuucggguuuaggg..... | 1 | 0 | s35 |
|ggguuucggguuuaggg..... | 2 | 0 | s35 |
|ggguuucggguuuaggg..... | 1 | 0 | s35 |
|ucggguuuaggguuucug..... | 1 | 1 | s35 |
|Auagggugagggcuuagaa..... | 1 | 1 | s35 |
|Auagggugagggcuuagaa..... | 1 | 1 | s35 |
|Auagggugagggcuuagaa..... | 2 | 1 | s35 |
|Auagggugagggcuuagaa..... | 2 | 1 | s35 |
|Auagggugagggcuuagaa..... | 3 | 1 | s35 |
|agggugagggcuuagaa..... | 2 | 0 | s35 |
|agggugagggcuuagaa..... | 1 | 0 | s35 |
|agggugagggcuuagaa..... | 1 | 1 | s35 |
|Agagggcuuagaaacccgag..... | 1 | 1 | s35 |
|Agagggcuuagaaacccgag..... | 3 | 1 | s35 |
|Agagggcuuagaaacccgag..... | 1 | 1 | s35 |
|Agagggcuuagaaacccgag..... | 1 | 1 | s35 |
|gagggcuuagaaacccgag..... | 1 | 0 | s35 |
|gagggcuuagaaacccgag..... | 1 | 0 | s35 |