

O que sai do sequenciador?

@M01838:7:00000000-C747T:1:1101:15246:1686 1:N:0:58
TACGTAGGGGGCAAGCGTTGTCCGGATTGACTGGGCTTAAAGGGCGTGTAGGCCGCCTGTTAAGTTTGATG
TGAAATTCCTCCTCTCAAGGTGTGCTTTTGCTTTTTTATCCTGTCTGTCTTGATTCCGGAAGAGGTAATTGGA
ATTCCCATTGTAGCGGTGACATTCTTAGAGTTTGGTAGGAACTCCAGTTGCGAAGGCCACTTCCTTGCCCT
TAACTGACGCTTATGCGCGCCAGCGTGCGTATCCAACAGGATTCTATAACCCGGTAGTCCTGCTGGCTTAC
TATCTCTTATTCCTTCT

+
C<CCCC<@CCEC@FGGGGGFGGGC@7,8,;;C6,,,,,6678+89B,9,+68@,,66,AC,<,,,,
<9,,,,69,A,,:,9<,95,:,,,,,9<,95A@,44,,5A,:,,,,,9B?,6,9,9,++++,,9,,4,,6
,8AD=,,,7,7;+6++6+6,,6,;,6;9*+*66,+*+,)*,5+@@)0?87:*****1*01:A*1:,,,)0)
3,,.:**0)-5(((*.8(6((*22())6:(((((/++26(,)3.:)-)))+3<C(((-((:<-
+434538*)5<)))-6)6)1.64)6<2

- Valor de qualidade = $-10\log_{10}(P)$
- Se uma base tem 1% de chance de estar errada: $-10 \times \log_{10}(0.01) = \mathbf{20}$
- Escala de “chance de erro”

[illegible]

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C<CCCC<@CCEC@FGGGGGFGGGC@7,8,;;C6,,,,;,,,,,6678+89B,9,+68@,,66,AC,<,,,,<9,
 ,,69,A,,:,9<,95,:,,,,,9<,95A@,44,,5A,:,,,,,9B?,6,9,9,++++,,9,,,4,,6,8AD=,
 ,,7,7;+6++6+6,,6,;,6;9*+*66,+*+,)*,5+@@)0?87:*****1*01:A*1:,,))0)3,,.:**0)
 -5(*.8(6(*22()6:(((((/++26(,)3.:)-)))+3<C((((-((.:<-+434538*)5<)))-
 6)6)1.64)6<2