Pagina 401

1. A) Positie -9  
   A : 2  
   T : 0  
   G : 7  
   C : 1  
   Als je hem vergelijkt met het figuur dan klopt het.

B) Positie 0  
A : 8  
T : 1  
G : 1  
C : 0  
Klopt, de A is groot.  
Positie 1  
A : 0  
T : 10  
G : 0  
C : 0  
Klopt ook, alleen de T is aanwezig.

1. A) Posities 1 & 2 met bases T & G.  
   B) -18 -17 -16 -12 -11 -6 -5 -4 -2 5 6 8  
   Omdat deze posities niet worden weergegeven in de grafiek.
2. A) 0, 1 & 2 met A, T & G respectievelijk.   
   B) -18 -15 -5 8

Deze zijn het kleinst in de grafiek.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| -18 | -17 | -16 | -15 | -14 | -13 | -12 | -11 | -10 | -9 | -8 | -7 | -6 | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| - | - | - | A | T | C | - | - | - | G | - | - | - | - | - | - | - | - | A | T | G | - | - | - | - | - | - |

1. A)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| -18 | -17 | -16 | -15 | -14 | -13 | -12 | -11 | -10 | -9 | -8 | -7 | -6 | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| - | - | - | A | T | C | G | G | G | G | G | - | - | - | - | - | - | - | A | T | G | - | C | - | - | - | - |

B) De 2e grafiek bevat meer informatie.

1. A) -5 -4 -3 -2 -1  
   B) ATG, oftewel AUG, het startcodon.