

piece 1, NC\_000913, yahJ\_yahK+, config: linear, direction: +, begin: 341702, end: 342127

5' **g a a c t g g t g t g g g g g a g t g t g g c a g g t t g a t g c g c a a a t g a a a c g c c t g c a a c g g t g a a t a g t a a g a g a t t t a a g c c c c a g** 3'

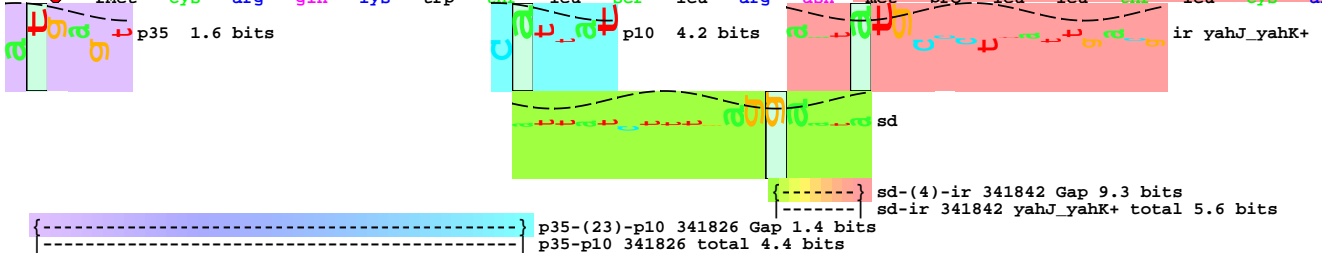
-fMet - **asn - ser - lys - arg - phe - lys - pro - gln -** -

- **thr - gly - val - gly - glu - cys - gly - arg - leu - met - arg - ile** -

5' **g g a g t g g g g c a a t c t g a a t a t g a g t g t g t c g g c a g a a a t g g a c a t t a t c t t t a g g a a t a t g c c c t t a t t g a c g t t g t g t a** 3'

-fMet - **ser - val - ser - ala - glu - met - asp - ile - ile - phe - glu - glu - tyr - ala - leu - ile - asp - val - val -** -

-fMet - **cys - arg - gln - lys - trp - thr - leu - ser - leu - arg - asn - met - pro - leu - leu - thr - leu - cys - arg -**

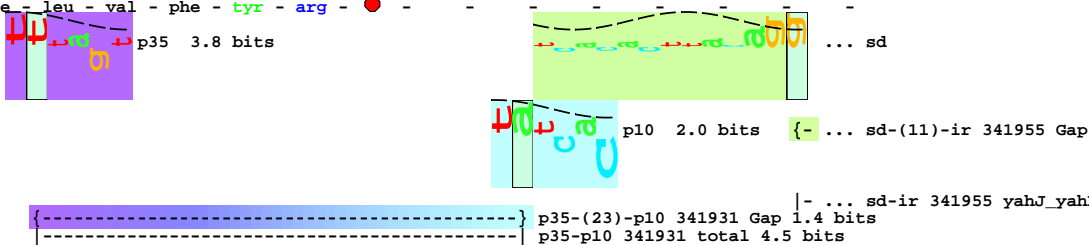


5' **g a t a a c t a t t t g t c t a c g t g t g a a a a g a t c a t c a g t t t t g c c g a t t t t a g t c t t t t a c a g a t a g c a a a t a t c a c a c t t a c a g g** 3'

-fMet - **ser - thr** -

-fMet - **lys - arg - ser - ser - val - leu - pro - ile - leu - val - phe - tyr - arg -** -

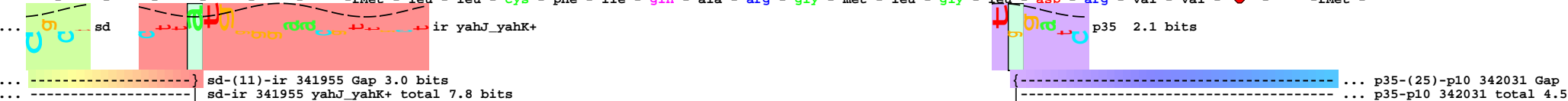
**###>** orf 9 codons



5' **c g c t c g c c t t a t g g g g a a c g t t g c t g c t g t t c a t t c a g g c t c g c g g c a t g t t g g g g c t g g a t c g g g t g g t t t a a a t a t** 3'

-fMet - **gly - asn - val - ala - ala - leu - phe - his - ser - gly - ser - arg - his - val - gly - ala - gly - ser - gly - gly - leu - asn - ile -**

-fMet - **leu - leu - cys - phe - ile - gln - ala - arg - gly - met - leu - gly - leu - asp - arg - val - val -** -fMet -



5' **t g g c t a t a t t c a a t g g a c g c g t t t t g c c g c g a t g a c a t a t c a g g c g t t g c c a a a t a c a c a t a g c t a a t c a g g a g t a a a c a c** 3'

-fMet - **asp - ala - phe - cys - arg - asp - asp - ile - ser - gly - val - ala - lys - tyr - thr -** -

- **gly - tyr - ile - gln - trp - thr - arg - phe - ala - ala - met - thr - tyr - gln - ala - leu - pro - asn - thr - his - ser -** -

- **ala - ile - phe - asn - gly - arg - val - leu - pro - arg -** -



5' **a a t g a a g a t c a a a g c t g t t g g** 3'

-fMet - **lys - ile - lys - ala - val -** -

