

piece 1, NC\_000913, uxaB\_yneF+, config: linear, direction: +, begin: 1608675, end: 1608950

\*1608680 \*1608690 \*1608700 \*1608710 \*1608720 \*1608730 \*1608740 \*1608750 \*

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

- gly - lys - ile - ala - thr - ile - fMet - val - arg - gln -

- gly - lys - ser - arg - arg - phe - ser - val - phe - thr - met - gly - ser - leu - leu - ile - ser - his - thr - thr - cys - leu - asn - trp - tyr - asp - arg -

- glu - asn - arg - asp - asp - leu - val - phe - ser - gln - trp - val - pro - phe

... -----] NC\_000913.uxaB



{-----} ... p35-(22)-p10 1608762 Gap

{-----} ... p35-p10 1608762 total 7.8

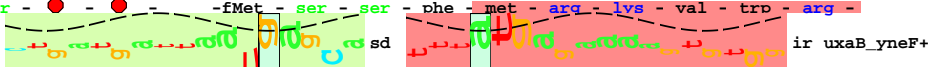
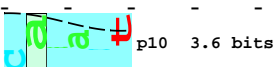
\*1608760 \*1608770 \*1608780 \*1608790 \*1608800 \*1608810 \*1608820 \*1608830 \*

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

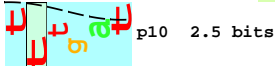
- val - ser - lys - leu - fMet - ile - asn - ser -

- leu - ala - asn - phe - asn - thr - pro - asn - pro - cys - phe - asp - gln - leu - leu - met - ile - asn - glu - gln - phe - tyr - glu - lys - ser - val - ala -

- fMet - ile - asn - ser

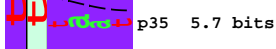


... -----} p35-(22)-p10 1608762 Gap 2.3 bits

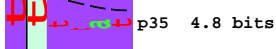


{-----} sd-(10)-ir 1608821 Gap 2.7 bits

... -----| p35-p10 1608762 total 7.8 bits



-----| sd-ir 1608821 uxaB\_yneF+ total 7.6 bits



{-----} p35-(21)-p10 1608788 Gap 3.3 bits

{-----} p35-p10 1608788 total 4.9 bits

{-----} ... p35-(23)-p10 1608841 Gap

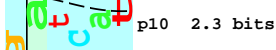
{-----} ... p35-p10 1608841 total 5.6

\*1608840 \*1608850 \*1608860 \*1608870 \*1608880 \*1608890 \*1608900 \*1608910 \*

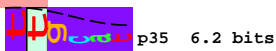
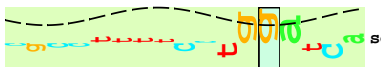
5' g c g g a t c a t g g t t t a a t c g a g g a a a a a c g c c t t t t c c t g g a t c a t a a a g t g g t a g a a c a c a t t g c a t t c a a a t c g c g c g t a 3'

- arg - ile - met - val - fMet - val - glu - his - ile - ala - phe - lys - ser - arg - val -

- gly - ser - trp - phe - asn - arg - gly - lys - thr - pro - phe - pro - gly - ser - fMet - his - ser - asn - arg - ala -



###> orf 21 codons



... -----} p35-(23)-p10 1608841 Gap 1.4 bits

... -----} p35-p10 1608841 total 5.6 bits

{-----} sd-(9)-ir 1608885 Gap 2.3 bits

{-----} sd-ir 1608885 uxaB\_yneF+ total 6.3 bits

{-----} ... p35-(26)-p10 1608925 Gap

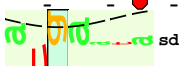
{-----} ... p35-p10 1608925 total 4.4

\*1608920 \*1608930 \*1608940 \*1608950

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

- met - asn - lys - asp - val - arg - gln - leu - pro - his - arg -

- fMet - ser - asp - asn - phe - leu - thr -

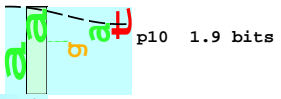


-----] NC\_000913.yneF



{-----} sd-(8)-ir 1608928 Gap 2.4 bits

{-----} sd-ir 1608928 uxaB\_yneF+ total 5.7 bits



... ----- } p35-(26)-p10 1608925 Gap 3.7 bits  
... ----- } p35-p10 1608925 total 4.4 bits