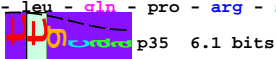


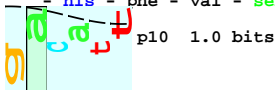
piece 1, NC\_000913, argT\_ubiX-, config: linear, direction: -, begin: 2426108, end: 2425794

5' *g a c a t t t t g t t t c t g c c a t t c a a t c g a a a c g c t g t t g c c t g t t t c a g g g c a a t t t t g c a a c c g c g a t c a a a t c c t c 3'*  
 - asp - leu - phe - ala - arg - trp - gln - gly - ala - **●** -  
 - ile - ser - leu - pro - ala - gly - arg - ala - his - asn - ser - ala - val - ala - leu - phe - gln - gly - asn - phe - ala - thr - ala - ile - lys - ser - ser -  
 - ser - leu - cys - pro - leu - ala - gly - arg - ile - thr - pro - leu - leu - pro - cys - phe - arg - ala - ile - leu - gln - pro - arg - ser - asn - pro - arg -



... p35-(22)-p10 2426026 Gap  
 ... p35-p10 2426026 total 4.7  
 ... p35-(24)-p10 2426024 Gap  
 ... p35-p10 2426024 total 6.0

5' *g a c a t t t t g t t t c t g c c a t t c a a t c g a a a c g c t g t t g c c t g t t t c a a c c g c t a t a c c t g c t a t c t t c a a c t t c a g g a c a a t a a t g c 3'*  
 - fMet - phe - leu - pro - phe - asn - arg - asn - ala - ala - ile - gln - pro - leu - tyr - leu - leu - ser - ser - thr - ser - gly - gln - **●** -  
 - thr - phe - cys - phe - cys - his - ser - ile - glu - thr - leu - arg - phe - asn - arg - tyr - thr - cys - tyr - leu - gln - leu - gln - asp - asn - asn - ala -  
 - his - phe - val - ser - ala - ile - gln - ser - lys - arg - cys - asp - ser - thr - ala - ile - pro - ala - ile - phe - asn - phe - arg - thr - ile - met -



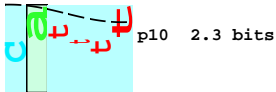
... ir

... --} p35-(22)-p10 2426026 Gap 2.3 bits



... --| p35-p10 2426026 total 4.7 bits  
 ... -----} p35-(24)-p10 2426024 Gap 2.4 bits  
 ... -----| p35-p10 2426024 total 6.0 bits

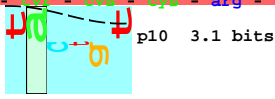
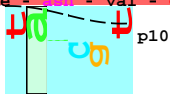
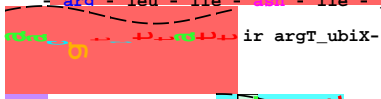
sd (7)-ir 2425950 Gap 3.7 bits  
 sd-ir 2425950 argT\_ubiX- total 12.2



... p35-(23)-p10 2425935 Gap

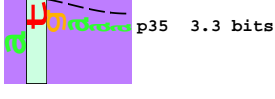
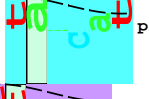
... p35-p10 2425935 total 5.3  
 ... p35-(23)-p10 2425926 Gap  
 ... p35-p10 2425926 total 4.6

5' *a a c g t c t t a t t a a c a t a t t t a a c g t t g a a t g t t a c t g t t g t c g t c a a g a t g g c a t a a g a c c t g c a t g a a a g a g c c t g c a a a 3'*  
 - thr - ser - tyr - **●** -  
 - arg - leu - ile - **●** - ile - phe - **●** - val - **●** - val - val - lys - met - ala - **●** -  
 - fMet - asn - val - thr - val - val - val - lys - met - ala - **●** -  
 - fMet - leu - leu - leu - leu - ser - ser - arg - trp - his - lys - thr - cys - met - lys - glu - pro - ala - asn -  
 - arg - leu - ile - **●** - ile - phe - **●** - val - **●** - val - val - lys - met - ala - **●** -  
 - glu - cys - tyr - cys - cys - arg - gln - asp - gly - ile - arg - pro - ala - **●** -



### orf 24 codons

... p35 3.0 bits



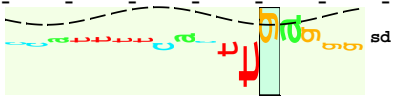
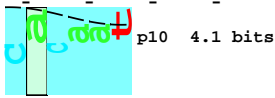
... p35 2.7 bits

... p35-(24)-p10 2425857 Gap

... p35-(23)-p10 2425913 Gap 1.4 bits  
 ... p35-p10 2425913 total 4.3 bits  
 ... p35-(23)-p10 2425935 Gap 1.4 bits  
 ... p35-p10 2425935 total 5.3 bits  
 ... p35-(23)-p10 2425926 Gap 1.4 bits  
 ... p35-p10 2425926 total 4.6 bits

... p35-p10 2425857 total 5.0

5' *c a c a c a a c a c a a t a c a c a a c a t a a a a a g c c a t t t t c a c t t g a g g g t t a t g t a t g a a g a g a g t c g a t t c t c g c 3'*  
 - thr - gln - his - asn - thr - gln - his - lys - lys - ala - ile - phe - thr - **●** -  
 - fMet - arg - val - met - tyr - glu - glu - val - asp - ser - arg -  
 - fMet - lys - lys - ser - ile - leu -



... NC\_000913.argT

