

piece 1, NC_000913, ymbA_rmf-, config: linear, direction: -, begin: 1014967, end: 1014663

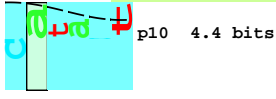
5' ^{*} t t c c a g g c g a t c t c g t t t t t g t c t c t c a t g c c t c g t t t c c c t c a t a c t g g t t t c t g g t g g a a a g a a a c a g t g a t t a c t 3'

- phe - gln - ala - ile - ser - phe - leu - ser - leu - his - ala - ser - phe - pro - ser - tyr - trp - phe - leu - val - glu - lys - lys - thr - val - ile - thr -

- ser - arg - arg - ser - arg - phe - cys - leu - phe - met - pro - arg - phe - pro - his - thr - gly - phe - trp - trp - lys - arg - lys - gln - - -

- pro - gly - asp - leu - val - phe - val - ser - ser - cys - leu - val - ser - leu - ile - leu - val - ser - gly - gly - lys - glu - asn - ser - asp - tyr - -

...-----] NC_000913.rmfb



{-----} sd-(12)-ir 1014895 Gap 4.0 bits

|-----| sd-ir 1014895 ymbA_rmfb- total 6.1 bits

{-----} p35-(25)-p10 1014923 Gap 4.0 bits

|-----| p35-p10 1014923 total 6.0 bits



... sd-(9)-ir 1014884 Gap
... sd-ir 1014884 ymbA_rmfb- t

5' ^{*} a a a t g t g c a a t c a c a g t t t a g c a a t a c c g c g a a t c a t a a c t g c c g t c a a t g c g c a a a a t t c a c g c c a c t g t c a t a t t t g t g 3'

- lys - cys - ala - ile - thr - val - lys - gln - tyr - arg - glu - ser - - - -fMet - arg - lys - ile - his - ala - thr - val - ile - phe - val -

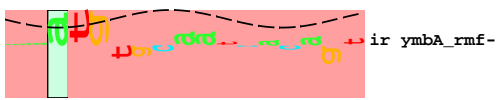
- -fMet - gln - ser - gln - leu - ser - asn - thr - ala - asn - his - asn - cys - arg - gln - cys - ala - lys - phe - thr - pro - leu - ser - tyr - leu - -

-fMet - cys - asn - his - ser - - -

... ir ymbA_rmfb-

####> orf 6 codons

####> orf 16 codons

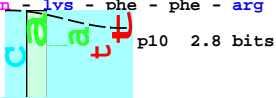
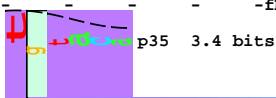


... ----} sd-(9)-ir 1014884 Gap 2.3 bits
... ----} sd-ir 1014884 ymbA_rmfb- total 5.7 bits

5' ^{*} a g c t a c a c g g g c a t g t c g g t t t g t a c a a a a a a t g t g a a g a g g a a c a a a t t t t t t c c g c a c g t t a g a g a c a a a a a a c c g c c t c 3'

- ser - tyr - thr - gly - met - ser - val - val - gln - lys - lys - met - - - -fMet - tyr - lys - lys - cys - glu - glu - glu - gln - ile - phe - pro - his - val - arg - asp - lys - lys - thr - ala - ser -

- - - - -fMet - lys - arg - asn - lys - phe - phe - arg - thr - leu - glu - thr - lys - lys - pro - pro - gln -

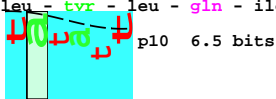
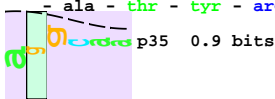


{-----} p35-(23)-p10 1014761 Gap 1.4 bits
p35-p10 1014761 total 4.8 bits

5' ^{*} a g g c a a c a t a c c g g a g a c g g t t a t a t t t t a c a a a t c t t t t a t a a t t a a g g t a g a c g c t t t a t c t 3'

- gly - asn - ile - pro - glu - thr - val - ile - phe - thr - asn - leu - tyr - asn - - -

- ala - thr - tyr - arg - arg - arg - leu - tyr - leu - gln - ile - phe - ile - ile - lys - val - asp - ala - leu - ser -



<----- ... NC_000913.ymbA

{-----} p35-(21)-p10 1014702 Gap 3.3 bits



|-----| p35-p10 1014702 total 4.1 bits

40 p35 5.5 bits - 2 -

} p35-(23)-p10 1014675 Gap 1.4 bits
| p35-p10 1014675 total 4.5 bits