

piece 1, NC_000913, yagT_yagU+, config: linear, direction: +, begin: 301768, end: 302234

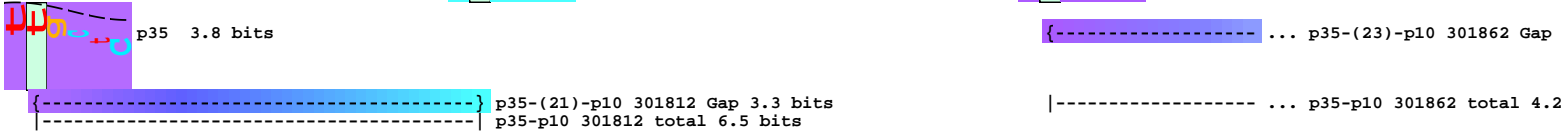
5' ^{*301770} a t c t t c g g g g t a t t c g c c t t g g t g c t c a t a c c a g g c c t c c g g t a t t c t a a a g g g g a a a t a a g a g t g c g t t g c g a g a g t g 3'

- ile - phe - gly - val - phe - ala - leu - val - ala - his - thr - arg - pro - pro - val - phe - fMet -

- ser - ser - gly - tyr - ser - pro - trp - leu - leu - leu - pro - gly - leu - arg - tyr - ser - lys - gly - glu - asn - lys - ser - ala - leu - arg - glu - cys -

- leu - arg - gly - ile - arg - leu - gly - cys - ser - tyr - gln - ala - ser - gly - ile - leu - lys - gly - lys - ile - arg - val - arg - cys - glu - ser - ala -

...] NC_000913.yagT p10 6.0 bits p35 4.2 bits



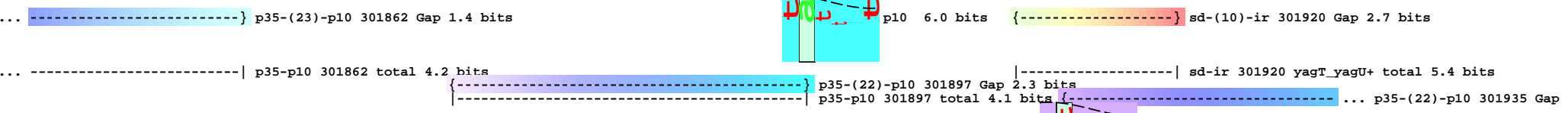
5' ^{*301850} c t g a a a c t t t t t a a a c g t t a a g c a t a g t c g g c g a c a g c a g g a g g a t t a t t c t t a a a c g c g a a t g c a g c t a t g a g c c c g g 3'

- leu - met - leu - phe - fMet -

- asp - ala - phe - leu - asn - val - lys - his - ser - arg - arg - gln - gln - glu - asp - tyr - ser - fMet - ser - pro - ala -

... ir

p10 1.4 bits p35 0.5 bits



5' ^{*301930} c t a a t a a a t t c a t g t t c g c c g g g a t g t t g a t g a t g g g a g c t g g t t a t t t g c t t t a g t t g t a c g a t g c a a a a c c a a t a 3'

- fMet - gln - lys - pro - ile -

- asn - lys - phe - met - phe - ala - gly - met - leu - met - met - met - gly - ala - gly - leu - leu - leu - fMet - tyr - asp - ala - lys - thr - asn - lys -

... ir yagT_yagU+ orf 23 codons ... sd



5' ^{*302020} a g g a a a c c t g t g a t t t c a g c t c t a c a c c c t g c a a a t c t c t g t c a c t t c t a a t a t a a a a a t a g g g a g a a a t g a t g g a g 3'

- arg - lys - pro - val - ile - phe - ser - ser - thr - ser - pro - cys - lys - ser - leu - ser - leu - leu - ile - fMet - met - glu -

- glu - thr - cys - asp - phe - gln - leu - tyr - ile - thr - leu - gln - ile - ser - val - thr - ser - asn - ile - lys - ile - gly - arg - asn - asp - gly - ala -

... sd orf 17 codons ... ir

p35 4.6 bits p10 1.4 bits



|-----| sd-ir 302020 yagT_yagU+ total 6.8 bits

{-----} p35-(23)-p10 302048 Gap 1.4 bits

|-----| p35-p10 302048 total 4.6 bits

|-----| sd-ir 302083 yagT_yagU+ total 13.6 bits

... ir
{-----} sd-(8)-ir 302086 Gap 2.4 bits
|-----| sd-ir 302086 yagT_yagU+ total 15.8 bits

5' *cttataattcattggcgattaggaaactatccttggtatacaaaaacaatacagttcctttacatttgcccttggttttatgaaatac* 3'

leu - ile - phe - ile - gly - asp - - - -fMet - leu - tyr - lys - thr - ile - gln - phe - phe - thr - phe - ala - leu - phe - tyr - glu - tyr -

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

- tyr - ile - his - trp - arg - leu - gly - asn - tyr - leu - val - ile - gln - asn - asn - thr - val - leu - tyr - ile - cys - leu - val - leu - -

... ir yagT_yagU+ [###] orf 10 codons p35 4.7 bits p10 5.1 bits ... sd

{-----} p35-(26)-p10 302149 Gap 3.7 bits ... p10

|-----| p35-p10 302149 total 6.0 bits p35 3.5 bits

p35 5.5 bits p35 3.8 bits

... ir yagT_yagU+

{-----} p35-(22)-p10 302169 Gap 2.3 bits

|-----| p35-p10 302169 total 6.7 bits

{-----} ... p35-(24)-p10 302187 Gap

... p35-p10 302187 total 5.5

{-----} ... p35-(23)-p10 302189 Gap

... p35-p10 302189 total 7.6

{-----} ... p35-(26)-p10 302192 Gap

... p35-p10 302192 total 5.2

5' *tcctgaagagggtgtataaacataaatgggtacaagcaggggtagatatgaaatataatttgaaacaaac* 3'

ser - pro - glu - glu - val - tyr - asn - ile - met - val - gln - ala - gly - - -fMet - asn - ile - phe - glu - gln -

- - - -fMet - - - -fMet - asn - lys -

... sd p10 5.5 bits ... NC_000913.yagU

... p10 3.5 bits ir yagT_yagU+ p10 6.5 bits

... sd [###] orf 6 codons

{-----} sd-(12)-ir 302195 Gap 4.0 bits ir yagT_yagU+

|-----| sd-ir 302195 vacT vacU+ total 8.6 bits {-----} sd-(17)-ir 302215 Gap 6.5 bits

... p35-(24)-p10 302187 Gap 2.4 bits

... p35-p10 302187 total 5.5 bits

... p35-(23)-p10 302189 Gap 1.4 bits

... p35-p10 302189 total 7.6 bits

... p35-(26)-p10 302192 Gap 3.7 bits

... p35-p10 302192 total 5.2 bits

|-----| sd-ir 302215 yagT_yagU+ total 8.9 bits

