

piece 1, NC_000913, yejO_narP+, config: linear, direction: +, begin: 2288173, end: 2288541

5' ^{*}acaaagagaaacagaaaccagattgatgcatctgatgaaattgctgtttaaagcattgggtacagaa^{*} 3'

- thr - lys - arg - asn - arg - thr - arg - leu - met - his - -fMet - leu - leu - lys - ala - leu - gly - thr - glu -

- gln - arg - glu - thr - glu - pro - asp - -

- lys - glu - lys - gln - asn - gln - ile - asp - ala - leu - ser - phe - his - pro - met - lys - leu - ile - ala - val - lys - ser - ile - gly - tyr - arg - lys -

p35 5.3 bits p10 2.5 bits ... p10

{ p35-(26)-p10 2288235 Gap 3.7 bits
p35-p10 2288235 total 4.1 bits

p35 4.3 bits

{ p35-(24)-p10 2288252 Gap 2.4 bits
p35-p10 2288252 total 5.5 bits

5' ^{*}aatacccatagctccataccggagtcagtttttaaaaactgttttaaaagaatgcaacaagtattgtgattgatttttagt^{*} 3'

- asn - thr - his - ser - ser - ile - pro - gly - val - ser - phe - -fMet - his - lys - tyr - cys - asp - -

- tyr - pro - -fMet - ile - asp - phe - leu - val -

-fMet - ile - phe - -fMet -

... p10 3.6 bits sd ir yejO_narP+

{ sd-(10)-ir 2288305 Gap 2.7 bits orf 7 codons
sd-ir 2288305 yejO_narP+ total 5.1 bits

sd ir yejO_narP+

{ sd-(16)-ir 2288318 Gap 6.4 bits
sd-ir 2288318 yejO_narP+ total 5.1 bits

5' ^{*}tgtttttcttgatgagaagctgatgcaaaaattctgcttttataaattgaaaatgatgcaacaagcgaacgacgaaggttgtagtt^{*} 3'

- val - phe - leu - asp - glu - lys - leu - met - gln - asn - ser - val - phe - ile - met - lys - met - met - pro - lys - arg - thr - thr - arg - leu -

- phe - phe - leu - met - arg - ser -

p35 4.8 bits ir yejO_narP+ ir yejO_narP+ orf 32 codons

sd sd ... p35

{ sd-(9)-ir 2288357 Gap 2.3 bits sd-(7)-ir 2288387 Gap 3.7 bits
sd-ir 2288357 yejO_narP+ total 9.7 bits sd-ir 2288387 yejO_narP+ total 8.4 bits

p10 4.7 bits p10 3.6 bits

{ p35-(22)-p10 2288361 Gap 2.3 bits
p35-p10 2288361 total 7.2 bits

p10 1.9 bits

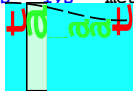
{ p35-(23)-p10 2288362 Gap 1.4 bits
p35-p10 2288362 total 5.3 bits

p35 3.0 bits

{ p35-(23)-p10 2288381 Gap 1.4 bits
p35-p10 2288381 total 5.1 bits

5' ^{*2288420 *} t t c a c t a c a t g t c c a t a c a t a a a a t g g g g t a a c a t t c a c g c g c c t g g t a g c g t t a c c a a c g c t a c g c t c a a a c a t a a t g a t 3'

-fMet - ser - ile - his - lys - met - gly - - - - -fMet - ile -



p10 7.6 bits



... p35

... p35 4.6 bits

{- ... p35-(23)-p10 2288519 Gap

... p35-(21)-p10 2288436 Gap 3.3 bits
 p35-p10 2288436 total 9.0 bits

|- ... p35-p10 2288519 total 5.5

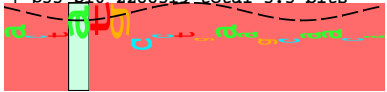
5' ^{*2288500 *} t c t a a t a a a a c c t c a g g a g a c t a c t a t g c c t g a a g c a a c a c c t t t t 3'

- leu - ile - lys - pro - gln - glu - thr - thr - met - pro - glu - ala - thr - pro -

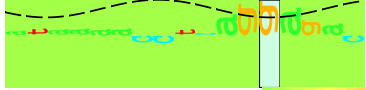
... p35 1.3 bits

[----- ... NC_000913.narP

... p35-(23)-p10 2288519 Gap 1.4 bits
 p35-p10 2288519 total 5.5 bits

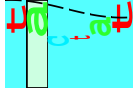


ir yejO_narP+



sd

{-----} sd-(9)-ir 2288522 Gap 2.3 bits
 sd-ir 2288522 yejO_narP+ total 15.1 bits



p10 5.6 bits