

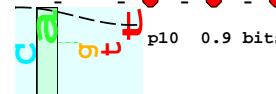
piece 1, NC_000913, ylcE_appY-, config: linear, direction: -, begin: 582933, end: 582339

5' ^{*582930 *} g a t g a a a a c t a c g g a g c a a a c a t a a t c c a t t c t t g c a c c t a t c a t a a a a t t a a a a c a a g t t g a t a g t a g t c a a a t a a c a a c c 3'

- asp - glu - asn - tyr - gly - ala - asn - ile - ile - his - leu - ala - pro - ile - ile - lys - leu - lys - gln - val - asp - ser - ser - gln - ile - thr - thr -

- met - lys - thr - thr - glu - gln - thr - - - - - fMet - his - leu - ser - - - - - fMet - ile - val - val - lys - - - - -

NC_000913.appY

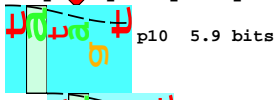
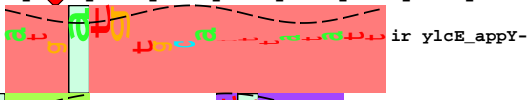
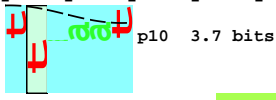


{-----} p35-(23)-p10 582878 Gap 1.4 bits
 {-----} p35-p10 582878 total 4.1 bits

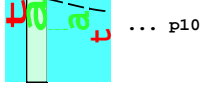
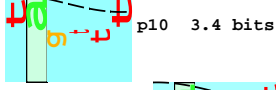
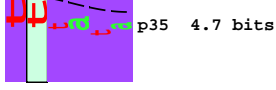
{-----} ... p35-(25)-p10 582849 Gap
 {-----} ... p35-p10 582849 total 5.3

5' ^{*582850 *} a a t t a a a t a c a c a a t c a t a a t c a g g a t g a t g t g c a t t t a t a t t t t a t a c a c a a a a t t a t a g t t t g c a a a t t t a a t a a a t 3'

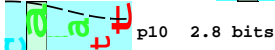
- asn - - - - - fMet - met - cys - ile - tyr - ile - phe - ile - his - lys - ile - ile - val - cys - lys - phe - - - - -



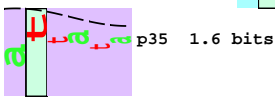
[###] orf 16 codons



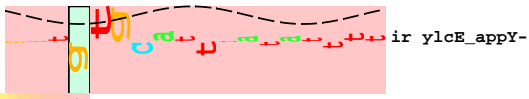
{-----} sd-(4)-ir 582824 Gap 9.3 bits



|-----| sd-ir 582824 ylcE_appY- total 6.8 bits



... {-----} p35-(25)-p10 582849 Gap 4.0 bits



{-----} p35-(21)-p10 582775 Gap 3.3 bits

... -----| p35-p10 582849 total 5.3 bits

{-----} sd-(6)-ir 582822 Gap 4.3 bits

|-----| p35-p10 582775 total 4.0 bits

|-----| sd-ir 582822 ylcE_appY- total 7.6 bits



{-----} p35-(22)-p10 582794 Gap 2.3 bits

{-----} p35-p10 582794 total 8.2 bits

{-----} p35-(24)-p10 582792 Gap 2.4 bits

{-----} p35-p10 582792 total 5.7 bits



{-----} ... p35-(24)-p10 582764 Gap

{-----} p35-(23)-p10 582785 Gap 1.4 bits

{-----} p35-p10 582785 total 6.1 bits

... p35-p10 582764 total 9.3

... p35-(21)-p10 582759 Gap

... p35-p10 582759 total 6.1

... p35-(22)-p10 582758 Gap

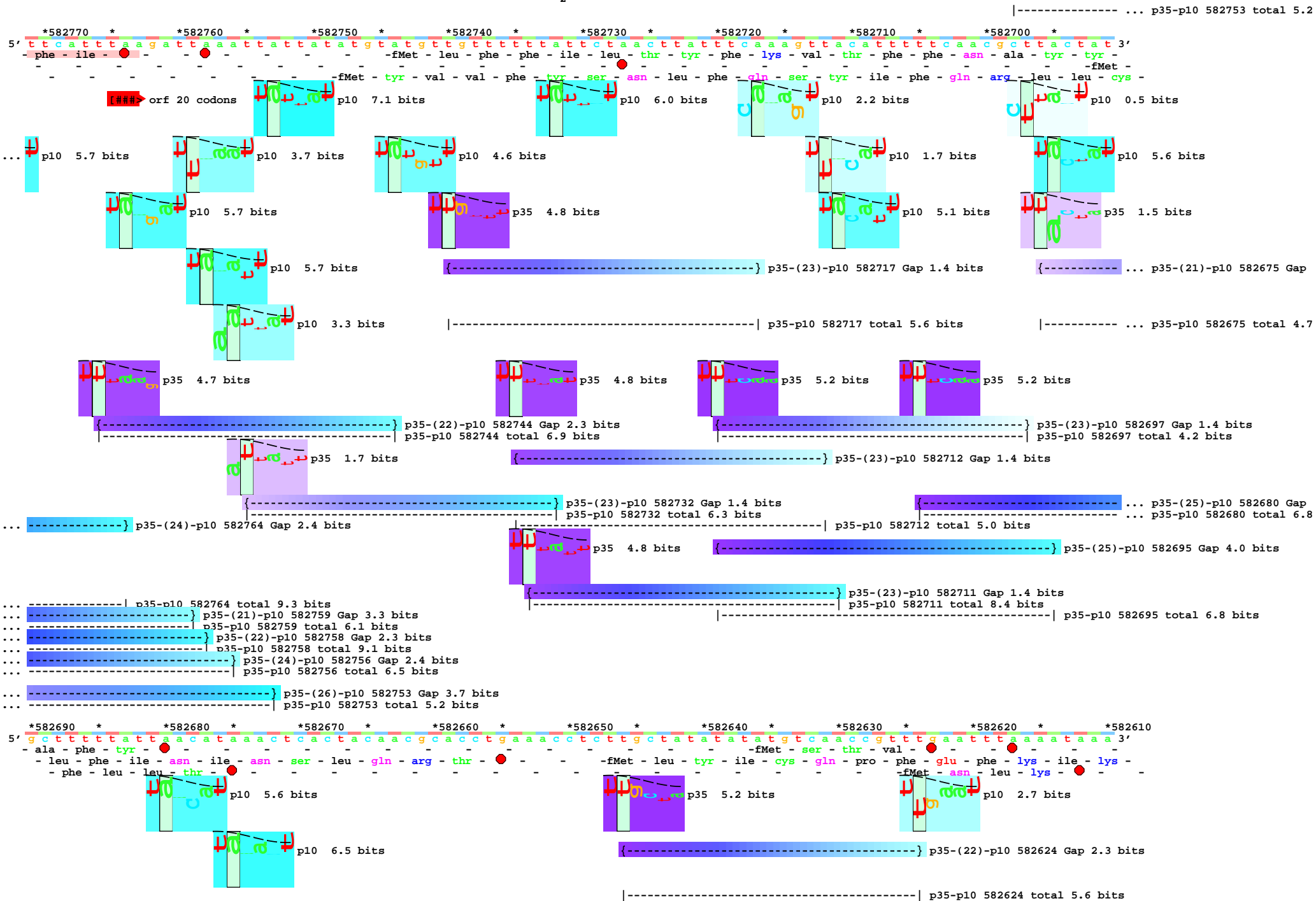
... p35-p10 582758 total 9.1

... p35-(24)-p10 582756 Gap

... p35-p10 582756 total 6.5



{-----} ... p35-(26)-p10 582753 Gap



... } p35-(21)-p10 582675 Gap 3.3 bits

p35 0.6 bits

p10 7.6 bits

... | p35-p10 582675 total 4.7 bits

} p35-(23)-p10 582617 Gap 1.4 bits
p35-p10 582617 total 6.8 bits

... } p35-(25)-p10 582680 Gap 4.0 bits
p35-p10 582680 total 6.8 bits

p35 6.5 bits

... p35-(21)-p10 582603 Gap
... p35-p10 582603 total 9.6
... p35-(24)-p10 582600 Gap
... p35-p10 582600 total 6.4

p35 5.6 bits

... p35-(23)-p10 582596 Gap
... p35-p10 582596 total 7.5

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

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

p10 6.3 bits

p10 2.2 bits

p10 2.3 bits

p10 3.4 bits

p35 5.7 bits

} p35-(23)-p10 582573 Gap 1.4 bits
p35-p10 582573 total 6.4 bits

... } p35-(21)-p10 582603 Gap 3.3 bits

... | p35-p10 582603 total 9.6 bits

... } p35-(24)-p10 582600 Gap 2.4 bits

... | p35-p10 582600 total 6.4 bits

... } p35-(23)-p10 582596 Gap 1.4 bits

... | p35-p10 582596 total 7.5 bits

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

-fMet - leu - asn - phe - ser - leu - leu - asn - asp - ile - glu - asn - gln - leu - ile - lys - tyr - ile -
-fMet - lys - ile - asn -

p35 5.3 bits

p10 2.4 bits

p10 7.6 bits

} p35-(24)-p10 582484 Gap 2.4 bits
p35-p10 582484 total 5.4 bits

p35 4.8 bits

p10 3.6 bits

} p35-(21)-p10 582478 Gap 3.3 bits
p35-p10 582478 total 5.0 bits

p35 2.5 bits

