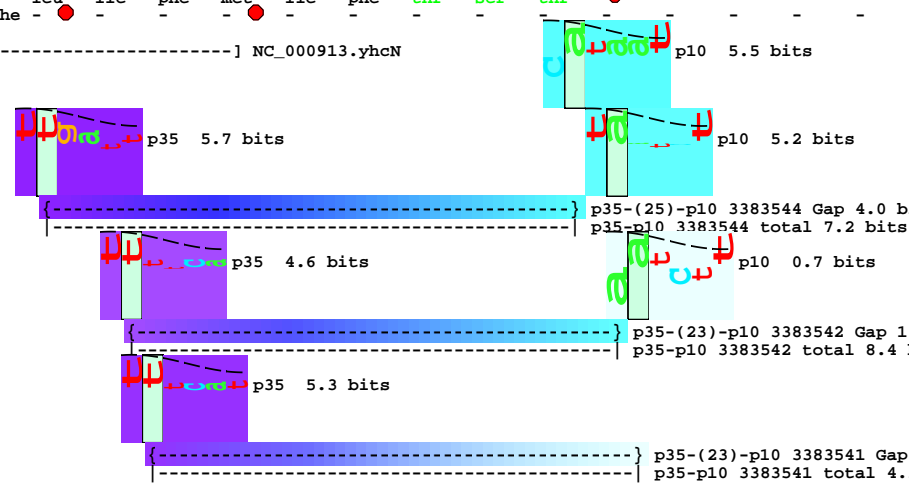
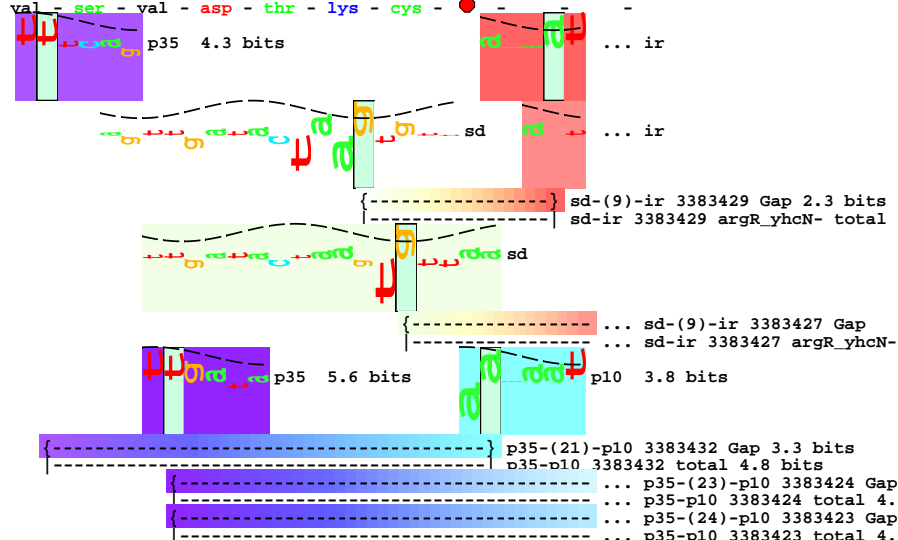


piece 1, NC_000913, argR_yhcN-, config: linear, direction: -, begin: 3383589, end: 3383176

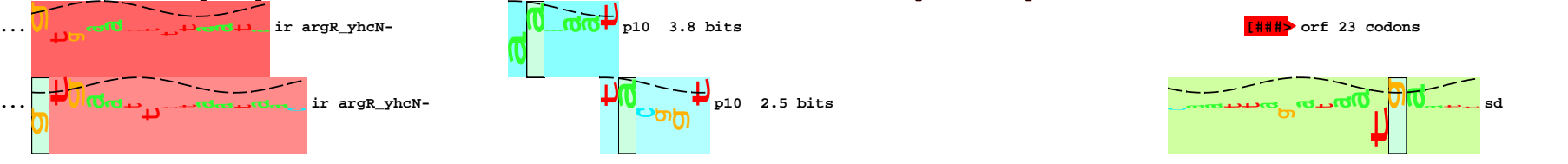
5' t a a t g c a g c a a c a g t g g t t t t g a t t t t c a t g a t t t t t a c c t c g a c a t a a t c t t t t t a g o t g g g c c t t t g t t t c g t g a c c c a t 3'
- asn - ala - ala - thr - val - val - leu - ile - phe - met - ile - phe - thr - ser - thr - - - - -fMet - thr - his - -
- met - gln - gln - gln - trp - phe - - - - - - - - - - -fMet - phe - arg - asp - pro - tyr -



5' a t c a c a a a a a t c a a g t a t a c a c t a a t t a t t g a g c t a a t t a a t a c c g c g c t a a c t g t t t c a g t t g a t a c t a a g t g t t a a a a t 3'
- ile - thr - lys - ser - ser - ile - his - - -fMet - ser - - - -fMet - ile - leu - ser - val - lys - asn -
- his - lys - ile - lys - tyr - thr - leu - ile - ile - glu - leu - ile - asn - thr - ala - leu - thr - val - ser - val - asp - thr - lys - cys - - -

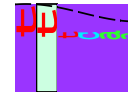


5' g t g a a t t t t a a t a a c a a a a a a a g a a t t a a a a a t a c g g t t a t t t a t c g t t a a t t c t a g t t t t t c a a t t a g a t a a t g a a t t t t 3'
- val - asn - phe - asn - asn - lys - lys - glu - leu - lys - ile - arg - leu - phe - ile - val - asn - ser - ser - phe - phe - asn - -fMet - phe - -
- - - - -fMet - - - - -fMet - - - - -



[###] orf 23 codons

[###] orf 2 codons



p35 5.2 bits {-----} ... sd-(12)-ir 3383341 Gap

p10 0.4 bits

|-----} ... sd-ir 3383341 argR_yhcN-

p10 1.4 bits

{-----} ... p35-(23)-p10 3383344 Gap

... } sd-(9)-ir 3383427 Gap 2.3 bits
... | sd-ir 3383427 argR_yhcN- total 5.4 bits

|-----} ... p35-p10 3383344 total 9.3
{-----} ... p35-(25)-p10 3383342 Gap

p35 4.7 bits

|-----} ... p35-p10 3383342 total 5.0

... } p35-(21)-p10 3383400 Gap 3.3 bits
... | p35-p10 3383400 total 5.2 bits

... } p35-(23)-p10 3383424 Gap 1.4 bits
... | p35-p10 3383424 total 4.5 bits
... } p35-(24)-p10 3383423 Gap 2.4 bits
... | p35-p10 3383423 total 4.6 bits

p35 5.7 bits

... } p35-(25)-p10 3383395 Gap 4.0 bits
... | p35-p10 3383395 total 4.2 bits

* *3383340 * *3383330 * *3383320 * *3383310 * *3383300 * *3383290 * *3383280 * *3383270 *
5' g c a t a a t g t g c t t t t t t a c c t t a t g t a t t c a t t g t g t g a a t g a c a t g t c g c a g t a a a a c g c a c t a t t c g t t a a a t t a a t c 3'
- ala - fMet - asn - asp - met - ser - gln - fMet - thr - cys - arg - ser - lys - thr - his - tyr - ser - leu - asn -

fMet - cys - phe - phe - tyr - leu - met - tyr - ser - leu - cys - glu - ir argR_yhcN-

[###] orf 13 codons

p10 3.3 bits

p10 5.5 bits

p35 3.8 bits

... } sd-(12)-ir 3383341 Gap 4.0 bits
... | sd-ir 3383341 argR_yhcN- total 5.7 bits

{-----} p35-(22)-p10 3383291 Gap 2.3 bits
|-----} p35-p10 3383291 total 4.8 bits

... } p35-(23)-p10 3383344 Gap 1.4 bits
... | p35-p10 3383344 total 9.3 bits
... } p35-(25)-p10 3383342 Gap 4.0 bits
... | p35-p10 3383342 total 5.0 bits

p10 3.8 bits

* *3383260 * *3383250 * *3383240 * *3383230 * *3383220 * *3383210 * *3383200 * *3383190 *
5' g c a g g g g a a a g c a g g g g g t t g a g a g g g a t a a g c a a c a t t t t c c c c g c c g t c a g a a a c g a c g g g g c a g a g a t t a a a g c t c c t 3'
- fMet - arg - gly - ile - ser - asn - ile - phe - pro - ala - val - arg - asn - asp - gly - ala - glu - ile - lys - ala - pro -

<-----} ... NC_000913.argR

*3383180
5' g g t c g a a c a 3'
- gly - arg - thr -

... NC_000913.argR