

piece 1, NC_000913, ygfT_ygfU+, config: linear, direction: +, begin: 3028924, end: 3029408

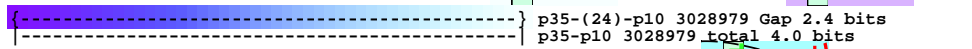
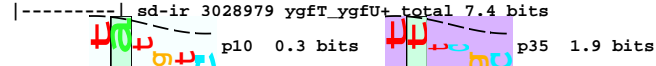
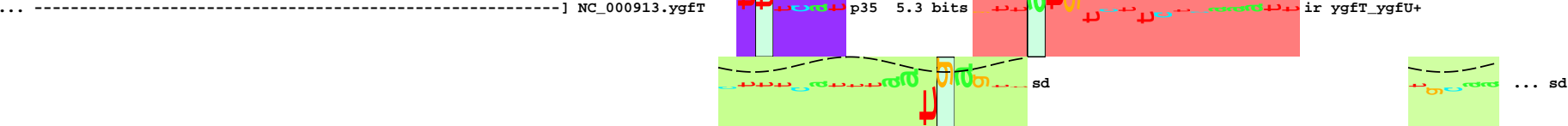
* 3028930 * 3028940 * 3028950 * 3028960 * 3028970 * 3028980 * 3028990 * 3029000

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

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

- ala - ala - ser - ala - ala - ile - asn - leu - phe - ile - cys - ile - pro - phe - ile - fMet - ser - ser - gln - ile - ser - arg - cys - asu -

- gln - leu - gln - gln - gln

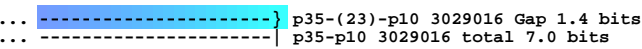
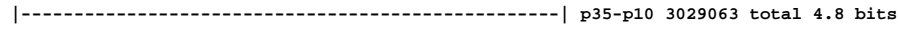
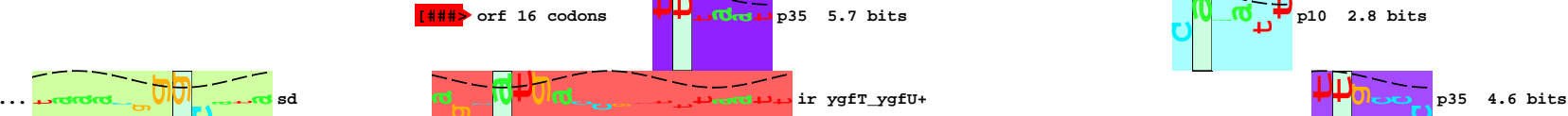


* 3029010 * 3029020 * 3029030 * 3029040 * 3029050 * 3029060 * 3029070 * 3029080 *

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

- lys - arg - ala - tyr - ile - arg - fMet - thr - val - leu - ile - ile - ile - leu - arg - leu - ser - ser - asn - tyr - cys - pro - ser - ile - tyr - ala -

- fMet - pro - leu - asn - leu - cys -



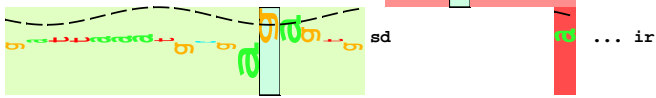
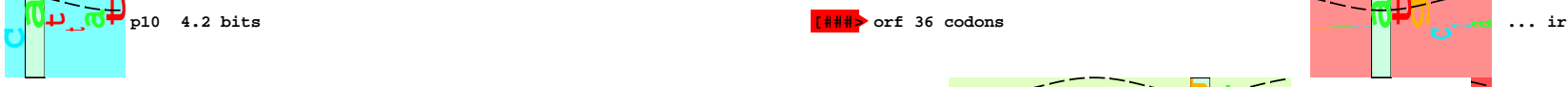
* 3029090 * 3029100 * 3029110 * 3029120 * 3029130 * 3029140 * 3029150 * 3029160 *

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

- pro - leu - ser - leu - phe - gln - his - cys - arg - ser - lys - glu - arg - tyr - pro - asp - lys - asn - asp - fMet - arg - glu - cys - asp - met - pro -

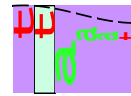
- arg - phe - his - tyr - phe - asn - ile - ala - asp - gln - lys - ser - ala - ile - gln - ile - lys - thr - ile - lys - cys - glu - ser - ala - thr - cys - gln -

- ala - phe - ile - ile - ser - thr - leu - pro - ile - lys - arg - ala - leu - ser - arg - fMet - arg - his - ala - arg -

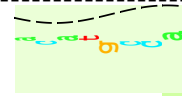


... p35-(24)-p10 3029094 Gap 2.4 bits
... p35-p10 3029094 total 6.4 bits

sd-(9)-ir 3029161 Gap 2.3 bits
sd-ir 3029161 ygfT_ygfU+ total 6.9 bits
sd-(17)-ir 3029169 Gap
sd-ir 3029169 ygfT_ygfU+



p35 2.8 bits



... sd

... sd

... p10



p35-(23)-p10 3029166 Gap 1.4 b
p35-p10 3029166 total 5.0 bits

*3029170 * *3029180 * *3029190 * *3029200 * *3029210 * *3029220 * *3029230 * *3029240 *
5' g a a t g a t t a a t g a a a t a t c a a t a t g a g a a a a t t a c a g a t a a t t c c a t t g t c a g g t t c t t c t t c a t t t t c g t g g t t t a a c c 3'
glu - ile - met - fMet - lys - tyr - gln - tyr - glu - lys - ile - thr - asp - val - ser - ile - val - arg - phe - ser - ser - his - phe - arg - gly - leu - thr -
met - ile - asn - glu - ile - ser - ile - fMet - arg - lys - leu - gln - ile - ile - pro - leu - ser - gly - ser - leu - leu - ile - phe - val - val -

ir ygfT_ygfU+ [###] orf 8 codons

[###] orf 19 codons

ir ygfT_ygfU+

[###] orf 4 codons

ir ygfT_ygfU+

ir ygfT_ygfU+

sd-(17)-ir 3029169 Gap 6.5 bits
sd-ir 3029169 ygfT_ygfU+ total 6.4 bits

sd [sd-(11)-ir 3029189 Gap 3.0 bits

sd

p10 3.7 bits |sd-ir 3029189 ygfT_ygfU+ total 11.6 bits

sd-(5)-ir 3029176 Gap 5.4 bits
sd-ir 3029176 ygfT_ygfU+ total 5.4 bits

*3029250 * *3029260 * *3029270 * *3029280 * *3029290 * *3029300 * *3029310 * *3029320 *
5' a c g a t t a t g t g a t t g c t c c g c a a t t c t t c t t a a c t c c c t t c c t c g c a a a a a c t g g c a c t c c a c g a g c a t g t g t t t a 3'
thr - ile - met - fMet - pro - pro - gln - phe - leu - ser - leu - thr - pro - leu - pro - arg - lys - asn - trp - his - ser - thr - ser - met - cys - leu -
- fMet - ile - ala - ser - ala - ile - pro - val - ser - asn - ser - pro - ser - ser - gln - lys - leu - ala - leu - his - glu - his - val - phe - arg -

[###] orf 28 codons

*3029330 * *3029340 * *3029350 * *3029360 * *3029370 * *3029380 * *3029390 * *3029400 *
5' g a c a g t t t c a t t a a c g t a a a c g g t t g c t t t t t a c t c t g g c g g g c g a a a g g a g a a a c a c t g a t g a g c g c c a t a g a t t c c c a 3'
asp - ser - phe - ile - asn - val - asn - gly - cys - phe - leu - leu - trp - arg - ala - lys - gly - glu - thr - leu - met - ser - ala - ile - asp - ser -

