

piece 1, NC_000913, ygfT_ygfU-, config: linear, direction: -, begin: 3029418, end: 3028934

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

-fMet - gly - ile - tyr - gly - ala - his - gln - cys - phe - ser - phe - arg - pro - pro - glu -

- glu - gly - ser - trp - glu - ser - met - ala - leu - ile - ser - val - val - ser - pro - phe - ala - arg - gln - ser - lys - lys - gln - pro - phe - thr - leu - met -

- arg - glu - val - gly - asn - leu - trp - arg - ser - ser - val - phe - leu - leu - ser - pro - ala - arg - val - lys - lys - ser - asn - arg - leu - arg -

NC_000913.ygfU

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

-fMet - pro - val - phe - ala - arg - lys - gly - ser -

- lys - leu - ser - lys - his - met - leu - val - glu - cys - gln - phe - leu - arg - gly - arg - gly - val - arg - asp - arg - arg - asn - cys - gly - gly - asn - his -

sd

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

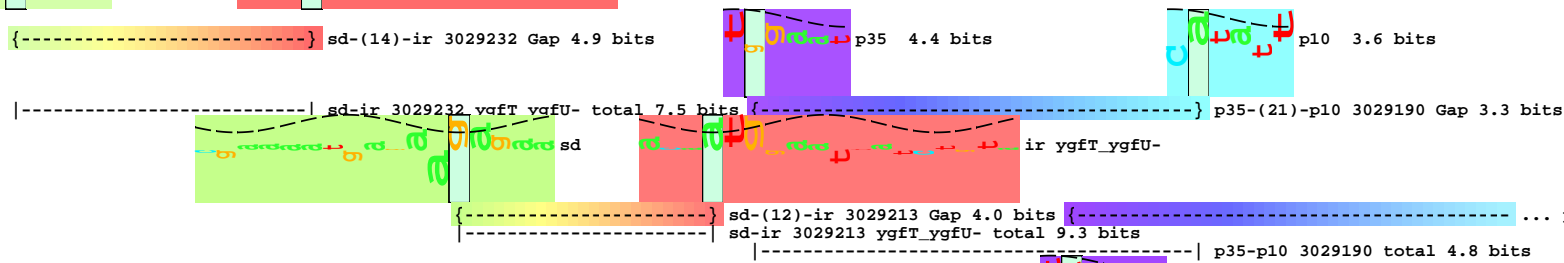
-his - asn - arg - gly -

- ile - ile - val - val - lys - pro - arg - lys -

-fMet - arg - arg - glu - pro - asp -

-fMet - glu - leu - ser - val - ile - phe - ser - tyr -

sd ir ygfT_ygfU- orf 10 codons

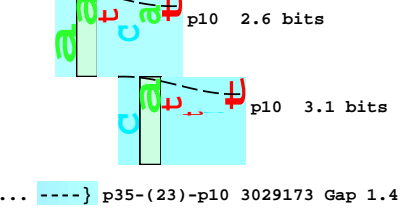


5' ^{*} t a a t c a t t t c t g g c a t g t c g c a c t c t c g c a t t t a a t c g t t t t t a t c t g g a t a g c g o t c t t t t g a t c g g c a a t g t t g a a t a a 3' ^{*}

-fMet - ser - his - ser - arg - ile -

-fMet - ile - gly - asn - val - glu - ile - met -

orf 20 codons



sd-ir 3029232 ygfT_ygfU- total 7.5 bits

p35-p10 3029173 total 5.9 bits

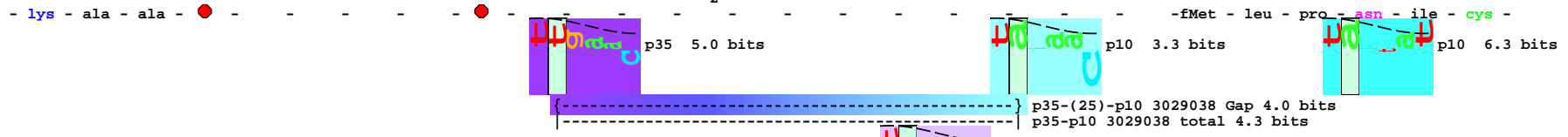
p35-(26)-p10 3029170 Gap 3.7 bits

p35-p10 3029170 total 4.1 bits

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

-fMet - arg - gly - asn - asn - leu - asn - ser - val - ala - lys - leu -

-fMet -



*3029010 * *3029000 * *3028990 * *3028980 * *3028970 * *3028960 * *3028950 * *3028940 *

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

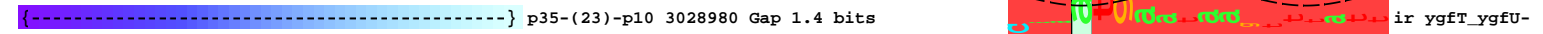
- - -fMet - his - arg - glu - ile - ● - -fMet - lys - gly - met - gin - met - asn - lys - phe - ile - ala -

- pro - val - tyr - cys - ile - ala - lys - phe - glu - lys - thr - ● - -fMet - lys - gly - met - gin - met - asn - lys - phe - ile - ala -

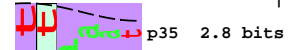
- pro - phe - ile - ala - ser - arg - asn - leu - arg - arg - his - asn - ser - leu - asn - glu - arg - asp - ala - asn - glu - ● - -fMet - leu -



{ sd-(7)-ir 3028959 Gap 3.7 bits
sd-ir 3028959 ygFT_ygFU- total 7.5 bits



|----- p35-p10 3028980 total 6.0 bits { sd-(7)-ir 3028953 Gap 3.7 bits
sd-ir 3028953 ygFT_ygFU- total 13.5 bits



{ p35-(24)-p10 3028947 Gap 2.4 bits
p35-p10 3028947 total 4.2 bits