

piece 1, NC_000913, yihG_polA-, config: linear, direction: -, begin: 4045018, end: 4044606

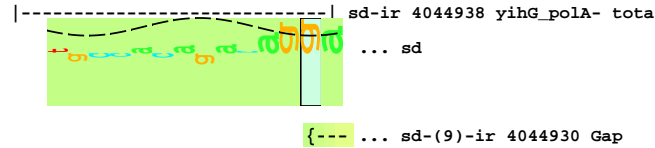
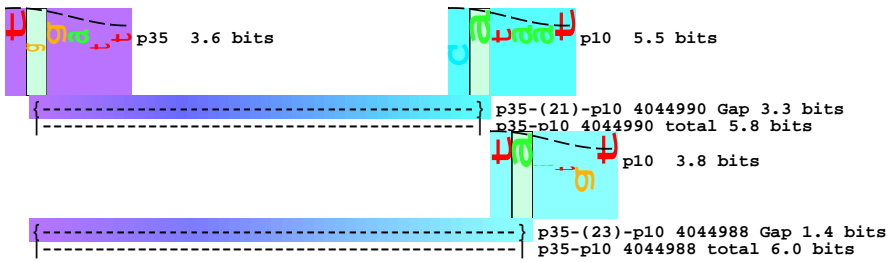
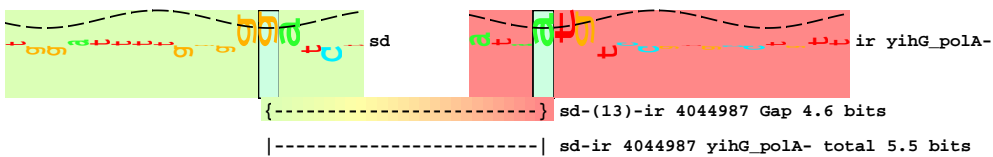
5' ^{*}g a t a a g t g g a t t t t g g g g a t c t g a a c c a t a a t g t c c g t g c c t g t t t a t c a g a t t a t g g g t a a a g g a t g c c a c a g a c a g g a 3'

- asp - lys - trp - ile - leu - gly - asp - leu - asn - his - asn - val - arg - ala - cys - leu - ser - asp - tyr - gly - ● - -fMet - pro - gln - thr - gly -

- ile - ser - gly - phe - trp - gly - gly - ile - ● - -fMet - ser - val - pro - val - tyr - gln - ile - met - gly - lys - gly - cys - his - arg - gln - asp -

- ● -fMet - asp - phe - gly - gly - ser - glu - pro - ● -fMet -

...-----] NC_000913.polA

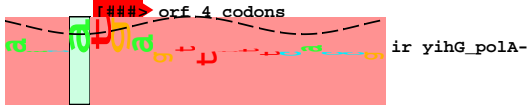
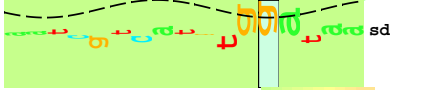


5' ^{*}t g a a a a c a t g a g t t t t t c a c c g c t t t t c g t g a a a a t c t t t t g t a g a t c t t t c t g g a t c g c a a a t c g t c a t g t g g a t a a 3'

-fMet -

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

- lys - thr - ● - -fMet - trp - ile - thr -

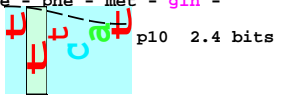
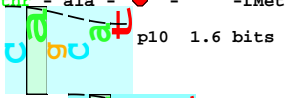
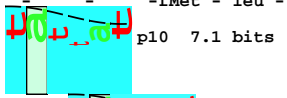
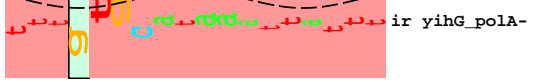


...-----] sd-(9)-ir 4044930 Gap 2.3 bits
...-----] sd-ir 4044930 yihG_polA- total 9.8 bits

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

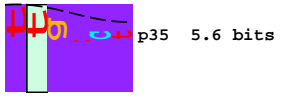
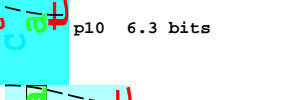
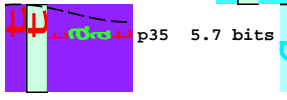
- phe - val - his - lys - leu - phe - thr - ser - leu - leu - ile - tyr - tyr - his - ala - phe - tyr - ser - met - met - phe - val - phe - val - phe - his - ala -

- leu - cys - ile - asn - tyr - leu - his - arg - phe - ● - -fMet - leu - phe - thr - ala - ● - -fMet - ser - leu - phe - phe - met - gln -



...-----] sd-(9)-ir 4044852 Gap 2.3 bits

...-----] sd-ir 4044852 yihG_polA- total 9.2 bits



p35 1.7 bits { p35-(24)-p10 4044804 Gap 2.4 bits

{ p35-(22)-p10 4044821 Gap 2.3 bits ... p35-(23)-p10 4044770 Gap
p35-p10 4044821 total 6.5 bits ... p35-p10 4044770 total 8.0

p35 5.5 bits p35 4.8 bits p35 5.5 bits

{ p35-(21)-p10 4044818 Gap 3.3 bits
p35-p10 4044818 total 8.6 bits
p35-(24)-p10 4044815 Gap 2.4 bits
p35-p10 4044815 total 5.6 bits

{ p35-p10 4044804 total 4.9 bits
p35-(22)-p10 4044801 Gap 2.3 bits
p35-p10 4044801 total 6.1 bits
p35-(26)-p10 4044782 Gap 3.7 bits
p35-p10 4044782 total 4.3 bits

*4044770 *4044760 *4044750 *4044740 *4044730 *4044720 *4044710 *4044700 *
5' agttaaataaatccatccctaataattggagataaatgtggaatagataatgaattattttctcctt3'
- val - lys - asn - lys - ser - ile - pro - asn - asn - fMet - arg - - - fMet - asp - arg - tyr - glu - leu - phe - phe - ser - leu -
- leu - lys - ile - asn - pro - ser - leu - ile - ile - glu - ile - met - gly - phe - phe - leu - met - trp - ile - asp - met - - - tyr - phe - ser - pro -

p10 3.8 bits [###] orf 81 codons ir yihG_polA- [# ... orf

ir yihG_polA- ir yihG_polA- ir yihG_polA-

sd { sd-(11)-ir 4044725 Gap 3.0 bits p10 5.2 bits

... { p35-(23)-p10 4044770 Gap 1.4 bits | sd-(6)-ir 4044740 Gap 4.3 bits | sd-(7)-ir 4044713 Gap 3.7 bits
| sd-ir 4044740 yihG_polA- total 6.4 bits p10 3.3 bits

... { p35-p10 4044770 total 8.0 bits | sd-ir 4044713 yihG_polA- total 11.5 bits

sd | sd-ir 4044725 yihG_polA- total 6.5 bits
p35 4.6 bits sd

p10 3.8 bits


{ p35-(21)-p10 4044726 Gap 3.3 bits
p35-p10 4044726 total 5.1 bits



p35 4.8 bits
p35-(22)-p10 4044709 Gap 2.3 bits
p35-p10 4044709 total 5.7 bits

p35 4.4 bits

{ p35-(24)-p10 4044706 Gap 2.4 bits
p35-p10 4044706 total 7.1 bits

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*4044690 *      *4044680 *      *4044670 *      *4044660 *      *4044650 *      *4044640 *      *4044630 *      *4044620 *
5' a a g g a t c a t c c g t t a t t t g g g t c g t t t t c t g c t a a a a t c t g c g c c t t g c g c t t c t t a g c g c a c t g t c t a t g g c t a a c c t t 3'
   - arg - ile - ile - arg - tyr - leu - gly - arg - phe - leu - leu - lys - ser - ala - pro - cys - ala - ser - leu - ala - his - cys - leu - trp - leu - thr - phe -
...  orf 16 codons [----- ... NC_000913.yihG

*4044610
5' t t g a a t a a 3'
   - leu - asn -
    
... ----- ... NC_000913.yihG
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