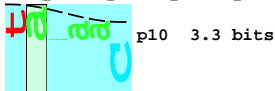


piece 1, NC_000913, yfjO_yfjP-, config: linear, direction: -, begin: 2765761, end: 2765358

5' ^{*2765760 *} ^{*2765750 *} ^{*2765740 *} ^{*2765730 *} ^{*2765720 *} ^{*2765710 *} ^{*2765700 *} ^{*2765690 *} ^{*2765680 *} ^{*2765670 *} ^{*2765660 *} ^{*2765650 *} ^{*2765640 *} ^{*2765630 *} ^{*2765620 *} ^{*2765610 *} ^{*2765600 *}

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

- ser - gly - cys - arg - thr - ser - lys - phe - phe - ile - thr - thr - pro - leu - lys - ser - lys - thr - lys - thr - ala - glu - pro - arg - gly - ser - ala -
 - val - ala - ala - glu - leu - gln - asn - phe - ser - ser - pro - leu - leu -

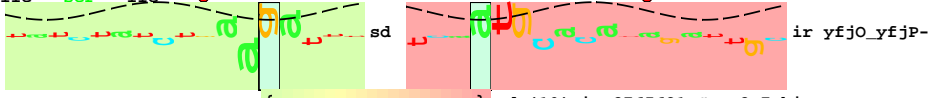


p35-(24)-p10 2765712 Gap 2.4 bits
 p35-p10 2765712 total 6.2 bits

5' ^{*2765680 *} ^{*2765670 *} ^{*2765660 *} ^{*2765650 *} ^{*2765640 *} ^{*2765630 *} ^{*2765620 *} ^{*2765610 *} ^{*2765600 *}

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

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



sd-(10)-ir 2765631 Gap 2.7 bits
 sd-ir 2765631 yfjO_yfjP- total 6.1 bits



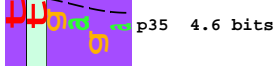
p35-(22)-p10 2765616 Gap 2.3 bits
 p35-p10 2765616 total 5.3 bits

5' ^{*2765590 *} ^{*2765580 *} ^{*2765570 *} ^{*2765560 *} ^{*2765550 *} ^{*2765540 *} ^{*2765530 *} ^{*2765520 *}

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

- thr - ala - pro - phe - thr - gly - lys - gly - ile - ile - gly - phe - pro - glu - asn - trp - fMet - val - thr - leu - leu - arg - ser - leu - lys - gly - gly - lys - phe -
 - gln - his - his - leu - pro - gly - lys - ala - ser -

[###> orf 21 codons



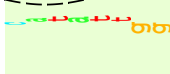
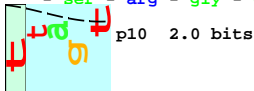
... p10

... p35-(24)-p10 2765518 Gap
 ... p35-p10 2765518 total 4.2

5' ^{*2765510 *} ^{*2765500 *} ^{*2765490 *} ^{*2765480 *} ^{*2765470 *} ^{*2765460 *} ^{*2765450 *} ^{*2765440 *}

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

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



... } p35-(24)-p10 2765518 Gap 2.4 bits



... | p35-p10 2765518 total 4.2 bits

... p35-(26)-p10 2765430 Gap
 ... p35-p10 2765430 total 4.7



... p35-(22)-p10 2765427 Gap
 ... p35-p10 2765427 total 8.2

5' ^{*2765430 *} ^{*2765420 *} ^{*2765410 *} ^{*2765400 *} ^{*276390 *} ^{*2765380 *} ^{*2765370 *} ^{*2765360 *}

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

- gln - val - asn - ile - met - pro - lys - gly - arg - ile - leu - tyr - trp - phe - val -

... - lvs - leu - ile - ser - cys - gln - lys - gly - glu - phe - tyr - thr - gly - ser - phe - arg - lys - lys - ser - phe - lys - asn - pro - leu - thr - gly -
 ... ir yfjO_yfjP- [###> orf 12 codons <----- ... NC_000913.yfjO

{-----} sd-(9)-ir 2765424 Gap 2.3 bits p10 7.3 bits

... } p35-(26)-p10 2765430 Gap 3.7 bits
 ... } p35-p10 2765430 total 4.7 bits
 ... |-----| sd-ir 2765424 yfjO_yfjP- total 5.8 bits
 ... } p35-(22)-p10 2765427 Gap 2.3 bits
 ... } p35-p10 2765427 total 8.2 bits

p10 6.3 bits

p10 6.3 bits

p35 1.2 bits

{-----} p35-(23)-p10 2765404 Gap 1.4 bits
 -----} p35-p10 2765404 total 7.0 bits