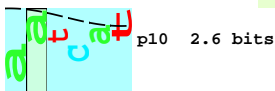
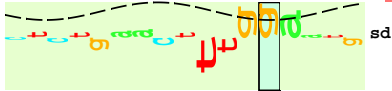


piece 1, NC_000913, fieF_pfkA-, config: linear, direction: -, begin: 4105604, end: 4105375

5' ^{*4105600 *} ^{*4105590 *} ^{*4105580 *} ^{*4105570 *} ^{*4105560 *} ^{*4105550 *} ^{*4105540 *} ^{*4105530 *}
 g c t t g t c a a c a c a c c g a t t t t c t t a a t c a t g a c t a c c t c t g a a c t t t g g a a t g c a a a a t g a a a t c t g t t g c c g g a a g t c t t 3'
 - ala - cys - gln - his - thr - asp - phe - leu - asn - his - asp - tyr - leu - - -fMet - glu - cys - lys - met - lys - ser - val - ala - gly - ser - leu -
 - leu - val - asn - thr - thr - pro - ile - phe - leu - ile - met - thr - thr - ser - glu - leu - trp - asn - ala - lys - - -fMet - pro - glu - val - phe -
 - leu - ser - thr - his - arg - phe - ser - - -fMet - gln - asn - glu - ile - cys - cys - arg - lys - ser - ser -

...-----] NC_000913.pfkA

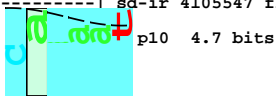


{-----} sd-(9)-ir 4105547 Gap 2.3 bits

{-----} p35-(22)-p10 4105579 Gap 2.3 bits

|-----| sd-ir 4105547 fieF_pfkA- total 7.9 bits

|-----| p35-p10 4105579 total 5.7 bits

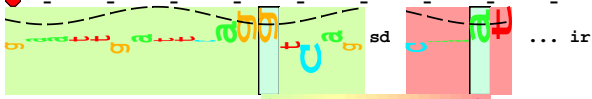


{-----} p35-(25)-p10 4105550 Gap 4.0 bits

p35-p10 4105550 total 4.1 bits

5' ^{*4105520 *} ^{*4105510 *} ^{*4105500 *} ^{*4105490 *} ^{*4105480 *} ^{*4105470 *} ^{*4105460 *} ^{*4105450 *}
 c t t g c a c a t c g a a g t g a t c c a a c g a a t g t g c a a a t a g t a t a a c a a t c a c t t c c t g c t g a a t t g a t t c a g g t c a g g c c a a a t 3'
 - leu - ala - his - arg - ser - asp - pro - thr - asn - val - gln - ile - val - - -fMet - ile - gln - val - arg - pro - asn -
 - leu - his - ile - glu - val - ile - pro - gln - arg - met - cys - lys - - -fMet -
 - cys - thr - ser - lys - - -

[###] orf 22 codons



{-----} sd-(10)-ir 4105444 Gap 2.7 bits

sd-ir 4105444 fieF_pfkA- total 7



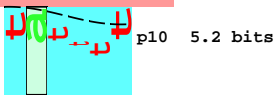
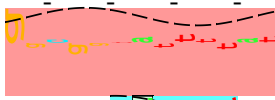
... p35-(26)-p10 4105436 Gap

... p35-p10 4105436 total 7.2

5' ^{*4105440 *} ^{*4105430 *} ^{*4105420 *} ^{*4105410 *} ^{*4105400 *} ^{*4105390 *} ^{*4105380 *}
 g g c g g t a t t t t a t a c a c a a a a t g c g g g t c t g g c t c t c t t t a t a c t g a t t a t g a a a g c a t a g a c c g t t 3'
 - gly - gly - ile - leu - tyr - thr - lys - cys - gly - ser - gly - ser - leu - leu - tyr - -fMet
 - ala - val - phe - tyr - thr - gln - asn - ala - gly - leu - ala - leu - phe - tyr - thr - asp - tyr - glu - ser - ile - asp - arg -
 -fMet - arg - val - trp - leu - ser - phe - ile - leu - ile - met - lys - ala - - -

... ir fieF_pfkA-

<----- ... NC_000913.fieF



... {-----} p35-(26)-p10 4105436 Gap 3.7 bits

... {-----} p35-p10 4105436 total 7.2 bits