

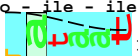
piece 1, NC_000913, kduI_yqeF+, config: linear, direction: +, begin: 2982117, end: 2982452

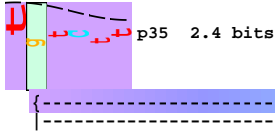
5' ^{*2982120 *} c g c a c t g t g g a t g c t c t g t c t t a c g t c c a c a t c a a c c t c c g a t a a t c a g t g a a g c g t g a a a a t a g a a a c g a t a g t g a a a c 3'

- arg - thr - val - asp - ala - leu - ser - tyr - val - his - ile - asn - leu - arg - fMet - lys - arg - glu - asn - arg - lys - arg - fMet - lys - ile - glu - asn - asp - ser - glu - thr -

- ala - leu - trp - met - leu - cys - leu - thr - ser - thr - ser - thr - ser - asp - asn - gln - fMet - lys - ile - glu - asn - asp - ser - glu - thr -

- his - cys - gly - cys - ser - val - leu - arg - pro - his - gln - pro - pro - ile - ile - ser - glu - ala - fMet - lys - his -

...-----] NC_000913.kduI  p10 4.3 bits

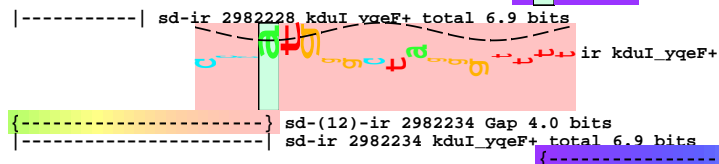
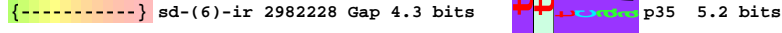
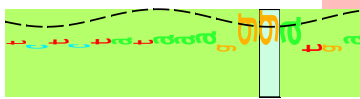


5' ^{*2982200 *} a c t g t t t c g t t t t c t c t a t a a a g g g a t g a t a t g c c c a t g g g c t a g g g t t t t c a a t t a a a a a t a a a a c a a t g t t t c a t t t t t 3'

- leu - phe - arg - phe - leu - tyr - lys - gly - met - ile - cys - pro - trp - ala - arg - val - phe - asn - fMet - phe - his - phe -

- cys - phe - val - phe - ser - ile - lys - gly -

ir kduI_yqeF+  ... sd

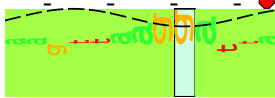
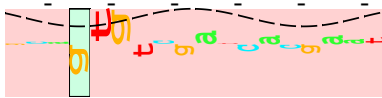


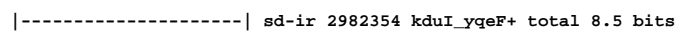
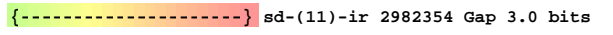
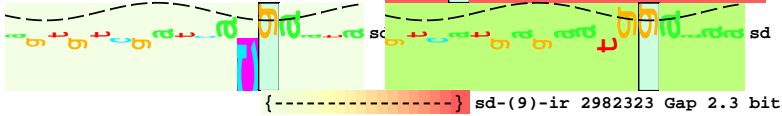
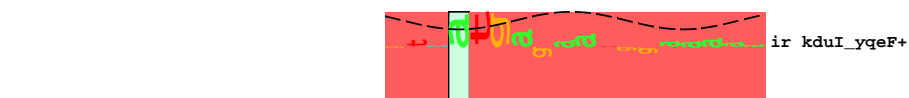
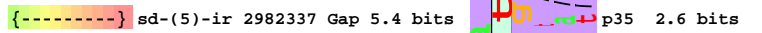
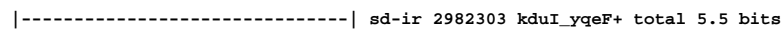
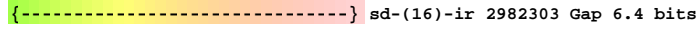
5' ^{*2982280 *} a a g t t a a g g a t t a a a a a a a g t g c a g t g t c g a t c a c g a a t a t g t c a t g a g a a t g g a a a a a a t g a g g g a a t c c a g a a a a t g t a t 3'

- fMet - ser - ile - thr - asn - met - ser - fMet - tyr -

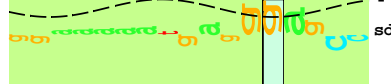
- fMet - gln - cys - arg - ser - arg - ile - cys - his - glu - asn - gly - lys - met - arg - glu - pro - arg - lys - cys - met -

- fMet - arg - met - glu - lys -

sd  ir kduI_yqeF+  [###] orf 6 codons ... ir

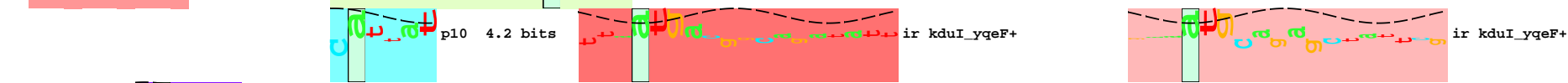


|-----| sd-ir 2982323 kduI_yqeF+ total 7.9 bits |-----| ... p35-p10 2982378 total 5.3 bits



*2982360 * *2982370 * *2982380 * *2982390 * *2982400 * *2982410 * *2982420 * *2982430 * *2982440
5' g t c g a c t t g c c a g c c a t c a t t a t t c a a c a g a t t a a t g a c g g c a g a t a t t t a t c g g t a a g g a g g a a a t g c a g a g c t a t t c g t 3'
- val - asp - leu - pro - ala - ile - ile - ile - gln - gln - ile - asn - asp - gly - arg - tyr - leu - ser - val - arg - arg - lys - cys - arg - ala - ile - arg -
- ser - thr - cys - gln - pro - ser - leu - phe - asn - arg - leu - met - thr - ala - asp - ile - tyr - arg - - - - fMet - gln - ser - tyr - ser - ser -

... ir kduI_yqeF+ sd [###] orf 27 codons <-----| ... NC_000913.yqeF



p10 4.2 bits ir kduI_yqeF+ ir kduI_yqeF+ ir kduI_yqeF+
p35 6.1 bits {-----} sd-(5)-ir 2982394 Gap 5.4 bits {-----} sd-(6)-ir 2982425 Gap 4.3 bits

... p35-(23)-p10 2982378 Gap 1.4 bits sd

|-----| sd-ir 2982394 kduI_yqeF+ total 5.2 bits |-----| sd-ir 2982425 kduI_yqeF+ total 8.3 bits

p10 1.8 bits
p35-p10 2982378 total 5.3 bits
p35-(21)-p10 2982388 Gap 3.3 bits
p35-p10 2982388 total 4.6 bits
p10 0.7 bits
p35-(24)-p10 2982391 Gap 2.4 bits
p35-p10 2982391 total 4.3 bits

* *2982450
5' c a c g t t c a a t g g g 3'
- his - val - gln - trp -
- arg - ser - met -
... NC_000913.yqeF