

piece 1, NC_000913, yacH_acnB+, config: linear, direction: +, begin: 131231, end: 131634

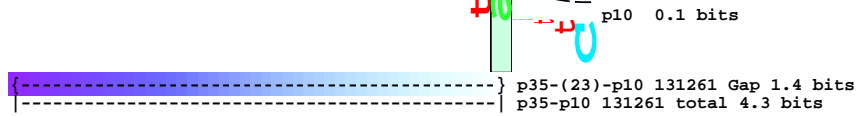
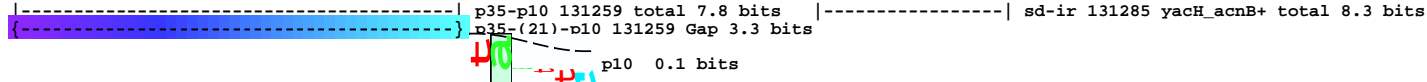
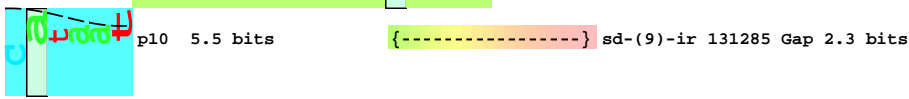
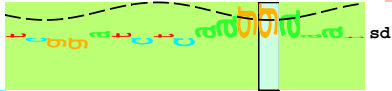
5' ^{*} a t g g g g t t t a a a c g g c a a a g t c a t t t t c a t a a t t c g g a t c t c a a g g a a a t c g c a a t g g t c g g c g a a c t g c c a c c c g c a g g t 3' ^{*} *131240 *131250 *131260 *131270 *131280 *131290 *131300 *131310

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

- trp - gly - leu - asn - gly - lys - val - ile - phe - ile - ile - arg - ile - ser - arg - lys - ser - gln - trp - ser - ala - asn - cys - his - pro - gln - val -

- gly - val -

... -----] NC_000913.yacH

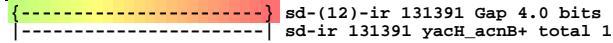


5' ^{*} g c t g t g a a t c c g a g t a t a a a g a g g c g g t a g t t t a a a t t t t g a c t a a t c t t g g g a t t c g t t g a g a a a g g t g a t t a t c a c c a t 3' ^{*} *131320 *131330 *131340 *131350 *131360 *131370 *131380 *131390

-ala - val - asn - pro - ser - ile - lys - arg - arg - - - -fMet - gly - phe - val - glu - lys - gly - asp - tyr - his - his -

- leu - - - - - - - - - - -fMet - arg - lys - val - ile - thr - met -

###> orf 19 codons

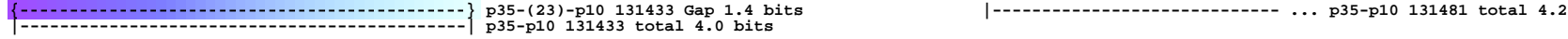
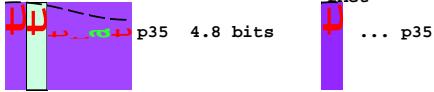
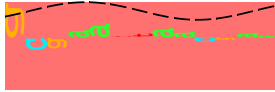


5' ^{*} g c g a a t t a a c g a a g t t t t t a c g g a g g g a a a c a a t c t c t a g a c c a t c c t t a a c g a t t c a g c c a c t t t t t a t g t t g c t t t t t 3' ^{*} *131400 *131410 *131420 *131430 *131440 *131450 *131460 *131470

-ala - asn - - - - - - - - - - -fMet - leu - leu - phe -

- arg - ile - asn - glu - val - phe - thr - glu - gly - asn - asn - leu - - - - -

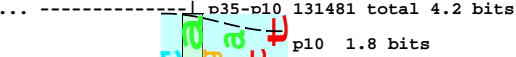
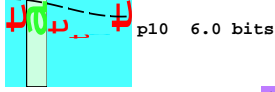
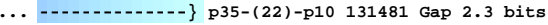
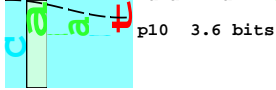
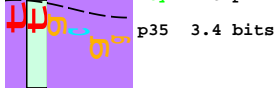
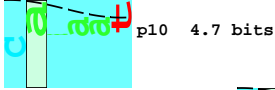
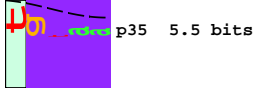
###> orf 14 codons



5' ^{*} t g t a a a c a g a t t a a c a c c t c g t c a a a a t c c t g g o t a t t c t g c c c g t t g c g g t a c t g g g o a t t t a c c c t a c a a a c t g c t g t o t 3' ^{*} *131480 *131490 *131500 *131510 *131520 *131530 *131540 *131550

-cys - lys - gln - ile - asn - thr - ser - ser - lys - ser - cys - tyr - ser - ala - arg - cys - gly - thr - gly - his - leu - pro - tyr - lys - leu - leu - ser -

-fMet - arg - tyr - trp - ala - phe - thr - leu - gln - thr - ala - val - ser -



{-----} p35-(23)-p10 131497 Gap 1.4 bits
|-----| p35-p10 131497 total 8.8 bits

p35 2.7 bits

{-----} p35-(23)-p10 131508 Gap 1.4 bits
|-----| p35-p10 131508 total 7.2 bits

* * * * *
 5' c a c a g g a g c g t g a a g a g a a t c g c c t g c c g c a c t a t g a c a a t g a g a g c g a g g a g a a c c g t c g t g c t a g a a g a a t a c c g t a a 3'
 - his - arg - ser - val - lys - arg - ile - ala - cys - arg - thr - met - thr - met - arg - ala - arg - arg - thr - val - val - leu - glu - glu - tyr - arg -
 - gln - glu - arg - glu - glu - asn - arg - leu - pro - his - tyr - asp - asn - glu - ser - glu - glu - asn - arg - arg - ala - arg - arg - ile - pro - -fMet



{-----} sd-(10)-ir 131615 Gap 2.7 bits
|-----| sd-ir 131615 yacH_acnB+ total 8.1 bits

... NC_000913.acnB

ir yacH_acnB+