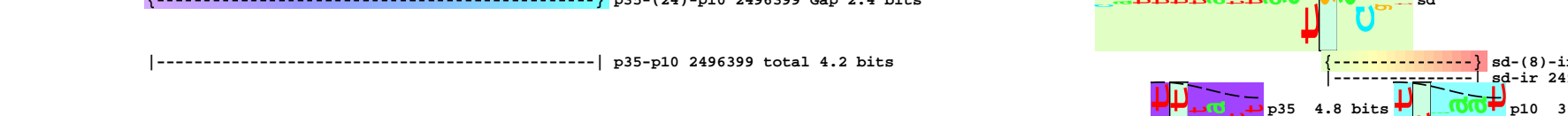
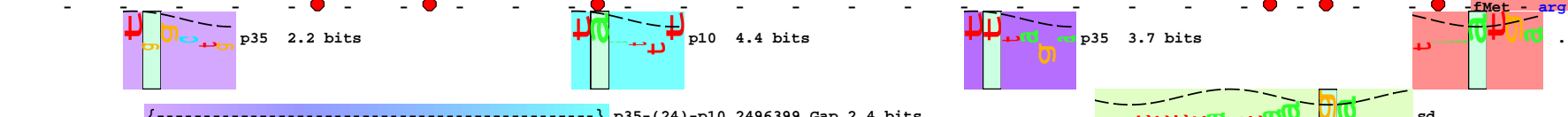


piece 1, NC\_000913, yfdZ\_ypdA+, config: linear, direction: +, begin: 2496288, end: 2496712

\*2496290 \* \*2496300 \* \*2496310 \* \*2496320 \* \*2496330 \* \*2496340 \* \*2496350 \* \*2496360 \*  
5' a a a g c g a c g t t c a g g g c g a g t g t c a g c c a t a a t t t c c t c a g a t t a a c g t t a g c g c c g g a c c g t c c g a g c g a c g c t g c c a c 3'  
- lys - ala - thr - phe - arg - ala - ser - val - ser - his - asn - phe - leu - arg - leu - thr - leu - ala - pro - gly - pro - ser - glu - arg - arg - cys - his -  
- lys - arg - arg - ser - gly - arg - val - ser - ala - ile - ile - ser - ser - asp -  
- ser - asp - val - gln - gly - glu - cys - gln - pro

NC\_000913.yfdz  
\*2496370 \* \*2496380 \* \*2496390 \* \*2496400 \* \*2496410 \* \*2496420 \* \*2496430 \* \*2496440 \*  
5' g a t g g t g g c t g t t t t g a a a a t a g c c t g a t t a a t t t c t g t c t g t c c a g c g t t t t a g a a c a t t t t a a t g a c g t t a a a t g a 3'  
- asp - gly - gly - cys - phe - glu - asn - ser - leu - ile - asn - phe - cys - leu - ser - ser - val - leu - glu - his - phe - ile - asn - asp - val - lys -  
-fMet - val - ala - val - leu - lys - ile - ile -  
-fMet - thr - leu - lys - asn - glu -  
-fMet - arg -

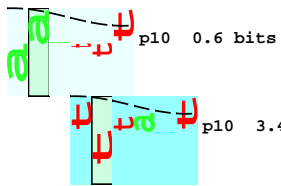


\*2496450 \* \*2496460 \* \*2496470 \* \*2496480 \* \*2496490 \* \*2496500 \* \*2496510 \* \*2496520 \* \*2496530  
5' g g a a c t c t g c t t t a a a a a c a g g a a a t t t a t c t g c g c t a a c a a g a a a a t t a c c a c t c a t t t t a t t a a c a t a a t a a t t t c a a t 3'  
- glu - leu - cys - phe - lys - asn - arg - lys - phe - ile - cys - ala - asn - lys - lys - ile - thr - thr - his - phe - ile - asn - ile - ile - ile - ser - ile -  
- asn - ser - ala - leu - lys - thr - gly - asn - leu - ser - ala - leu - thr - arg - lys - leu - pro - leu - ile - leu - leu - thr -  
ir yfdZ\_ypdA+      [###] orf 25 codons      p10



\*2496540 \* \*2496550 \* \*2496560 \* \*2496570 \* \*2496580 \* \*2496590 \* \*2496600 \* \*2496610  
5' a a a t t t a c t a a c c a g a a g t g c a t t a t c a a g a g a t g c a t t g c t a a t a c a c c a t t t a t c t a t c a a t c c c c t t t t a a a a t t g t g 3'  
- asn - leu - leu - thr - arg - ser - ala - leu - ser - arg - asp - ala - leu - leu - ile - his - his - leu - ser - ile - asn - pro - leu - leu - lys - leu - trp -  
-fMet - his - tyr - gln - glu - met - his - cys -  
-fMet -





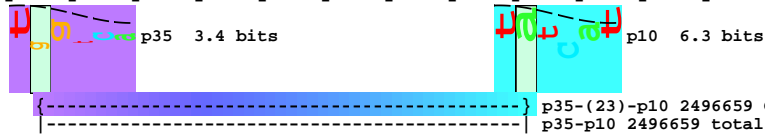
{-----} p35-(21)-p10 2496603 Gap 3.3 bits

|-----| p35-p10 2496603 total 6.0 bits

... } p35-(23)-p10 2496531 Gap 1.4 bits  
 ... | p35-p10 2496531 total 9.1 bits

... --} p35-(23)-p10 2496532 Gap 1.4 bits  
 ... --| p35-p10 2496532 total 4.0 bits  
 ... {-----} p35-(26)-p10 2496535 Gap 3.7 bits  
 ... -----| p35-p10 2496535 total 4.5 bits

5' \* \*2496620 \* \*2496630 \* \*2496640 \* \*2496650 \* \*2496660 \* \*2496670 \* \*2496680 \* \*2496690  
 - val - phe - pro - gln - lys - arg - pro - ala - gly - his - gln - pro - ser - gly - tyr - leu - ser -  
 - phe - phe - leu - lys - asn - gly - leu - leu - val - ile - ser - leu - gln - val - thr - tyr - his - arg - gly - leu - ile - leu - ile - gln - ser - his - pro -



5' \* \*2496700 \* \*2496710  
 -fMet - his - glu - ile - phe - asn -  
 - cys - thr - lys - tyr - ser - thr -

[-----] ... NC\_000913.ypdA