

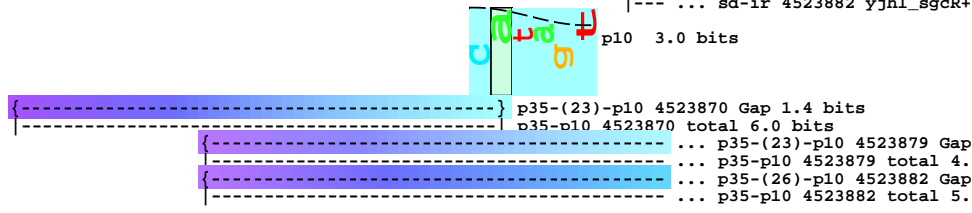
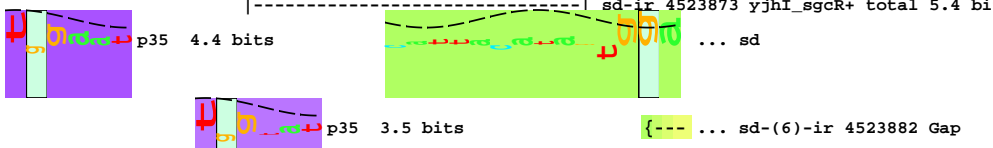
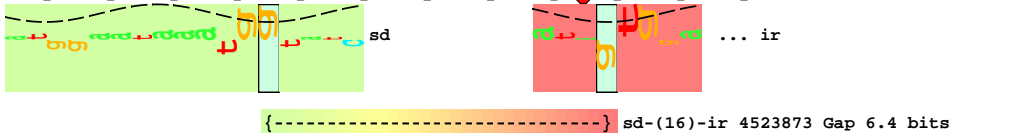
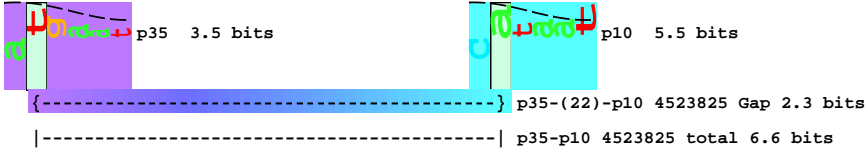
piece 1, NC\_000913, yjhI\_sgcR+, config: linear, direction: +, begin: 4523797, end: 4524148

5' <sup>\*4523800 \*</sup> g a c t a a t g a a t t a c a c c c t t t g c g a a c c a t a a t g g c t c c t c c t t g c t c a t g g a a t a a a t g g t a t c g g c a t t a c a t a g t g g a 3'

- asp - thr - asn - glu - leu - his - pro - leu - arg - thr - ile - met - ala - pro - pro - cys - ser - trp - asn - lys - trp - tyr - arg - his - tyr - ile - val - glu -

- leu - met - asn - tyr - thr - leu - cys - glu - pro - -fMet - leu - met - glu - -fMet - val - ser - ala - leu - his - ser - gly -

NC\_000913.yjhI



5' <sup>\*4523880 \*</sup> a a a t a t g c t t t g t t c a g c a t g c t g a a c c g t a a t g a t g t g a t t a a a t g t g a t c c t t g t a c a c a c t t t g a a t a a t g a a t c c a g a 3'

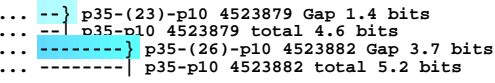
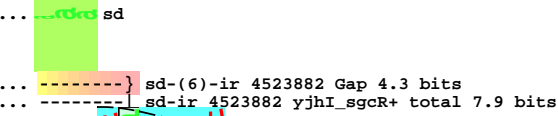
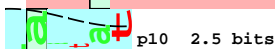
- lys - tyr - ala - leu - phe - ser - met - leu - asn - arg - asn - asp - val - ile - lys - cys - asp - leu - val - his - thr - leu - asn - asn - glu - ser - arg -

- met - met - leu - cys - ser - ala - cys - -fMet - met - -fMet - ile - leu - tyr - thr - leu - -fMet - asn - pro - glu -

ir yjhI\_sgcR+ orf 10 codons



ir yjhI\_sgcR+



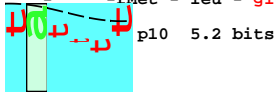
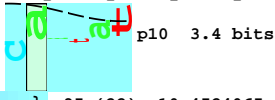
5' <sup>\*4523960 \*</sup> a c a g c c a c a c t t t a g t g a a t g a g a a t a a a a g t a g a t g g c g t g t t g t t g c a a c a t c g t a g t g t g t g g a t t g c g c c t a g a g c t 3'

- 2 -  
- thr - ala - thr - phe - ser - glu - - - -fMet - leu - leu - gln - his - arg - ser - val - trp - ile - ala - pro - arg - ala -  
- gln - pro - his - leu - val - asn - glu - asn - lys - lys - -fMet - ala - cys - cys - cys - asn - ile - val - val - cys - gly - leu - arg - leu - glu - leu -  
- -fMet - arg - ile - lys - ser - arg - trp - arg - val - val - ala - thr - ser - -fMet - asp - cys - ala - - -

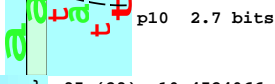


... p35-(23)-p10 4523965 Gap 1.4 bits  
... p35-p10 4523965 total 7.3 bits

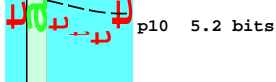
\*4524040 \* \*4524050 \* \*4524060 \* \*4524070 \* \*4524080 \* \*4524090 \* \*4524100 \* \*4524110 \* \*4524120  
5' t c t t t a t t c g t t c g a g c g c a t c g c c a a t a t t t t t o t a t t g g g t g c c a t t g a t t a t t t t t g c t t g a a a t c c c t c t c g a a t g a a 3'  
- ser - leu - phe - val - arg - ala - his - arg - gln - tyr - phe - leu - leu - gly - ala - ile - asp - tyr - phe - cys - leu - lys - ser - leu - ser - asn - glu -  
- leu - tyr - ser - phe - glu - arg - ile - ala - asn - ile - phe - tyr - trp - val - pro - leu - ile - ile - phe - ala - -fMet - leu - glu - ile - pro - leu - glu - -



p35-(22)-p10 4524065 Gap 2.3 bits  
p35-p10 4524065 total 5.9 bits



p35-(23)-p10 4524066 Gap 1.4 bits  
p35-p10 4524066 total 6.1 bits



p35-(25)-p10 4524068 Gap 4.0 bits  
p35-p10 4524068 total 6.0 bits



p35-(22)-p10 4524092 Gap 2.3 bits  
p35-p10 4524092 total 7.6 bits

\* \*4524130 \* \*4524140 \*  
5' c t t a c t t a t c a c t t t a t t g a a t g a g g t a 3'  
- leu - thr - tyr - his - phe - ile - glu - -  
- leu - leu - ile - thr - leu - leu - asn - glu - val -  
- -fMet - arg -

<----- NC\_000913.sgcr