

piece 1, NC\_000913, prmA\_dusB+, config: linear, direction: +, begin: 3407944, end: 3408321

\* 3407950 \*      \* 3407960 \*      \* 3407970 \*      \* 3407980 \*      \* 3407990 \*      \* 3408000 \*      \* 3408010 \*      \* 3408020 \*

5' t g g t g c c g t a t t a c c g g t c g t a a g a a t t a c c t t c g c a t c g c g t a g g g t g a c g c g g g c g a a g t g c g a g c a a g c t c a c a a 3'

- trp - cys - arg - ile - thr - gly - arg - lys - asn - fMet - thr - arg - gly - glu - val - arg - ala - ser - ser - gln -

- gly - ala - val - leu - pro - val - val - arg - ile - asn - leu - arg - ile - ala - val - gly -

- val - pro - tyr - tyr - arg - ser -

\* 3408030 \*      \* 3408040 \*      \* 3408050 \*      \* 3408060 \*      \* 3408070 \*      \* 3408080 \*      \* 3408090 \*      \* 3408100 \*

5' a a g g c a c g t a a a t t t g c c g a t t a t t t a c g c a a a t t t t g c g t g c c a a a a t t t t c a t t c a t a a a g a a a a a t t g a g a a c t t a c t c 3'

- lys - ala - arg - lys - phe - ala - asp - tyr - leu - arg - lys - phe - ala - cys - gln - asn - phe - his - ser -

- fMet - pro - ile - ile - tyr - ala - asn - leu - arg - ala - lys - ile - phe - ile - his - lys - glu - lys - leu - arg - thr - tyr - ser -

- fMet - pro - lys - phe - ser - phe - ile - lys - lys - asn -

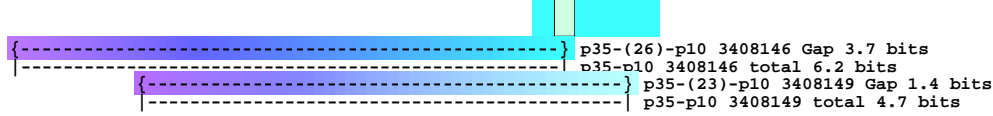
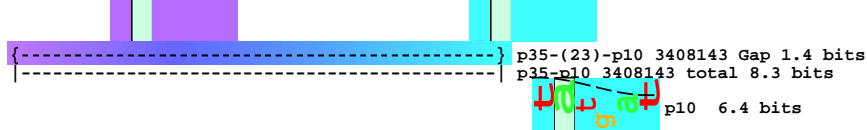
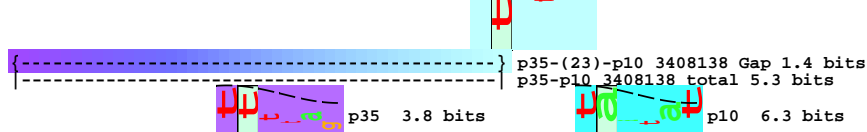
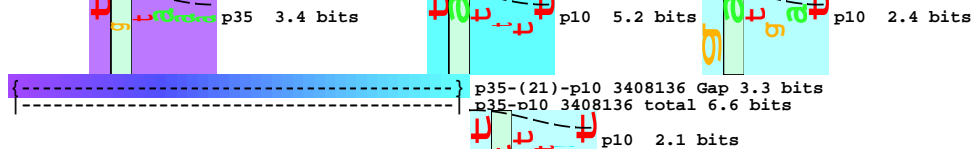
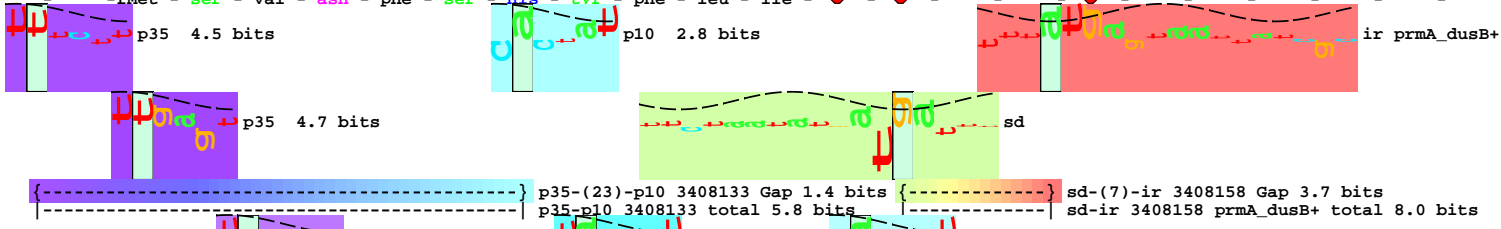


\* 3408110 \*      \* 3408120 \*      \* 3408130 \*      \* 3408140 \*      \* 3408150 \*      \* 3408160 \*      \* 3408170 \*      \* 3408180 \*

5' a a a t t t c t t t g a g t g t a a a t t t t a g t c a c t a t t t t c t a a t a t g a t g a t t t t t a t g a g t a a t t a t c g c a c c a c g c t c a t t t t 3'

- asn - phe - phe - glu - cys - lys - phe - fMet - met - ile - phe - met - ser - asn - tyr - arg - thr - thr - leu - ile - leu -

- fMet - ser - val - asn - phe - ser - his - tyr - phe - leu - ile -

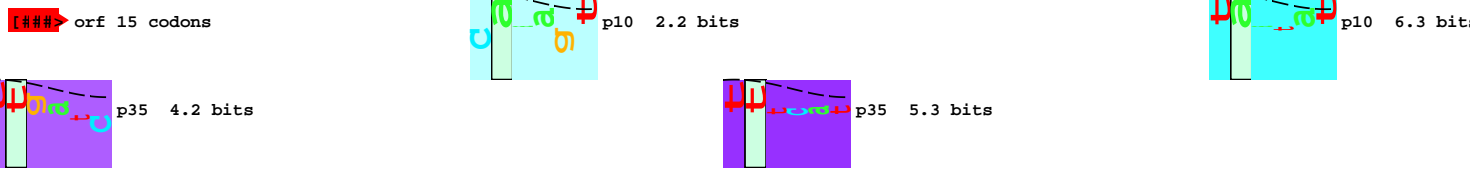


\* 3408190 \*      \* 3408200 \*      \* 3408210 \*      \* 3408220 \*      \* 3408230 \*      \* 3408240 \*      \* 3408250 \*      \* 3408260 \*

5' a a a t g c a a t t c t t t g a t c c a t c t c a g a g g a t t g g t c a a a g t t t g g c c t t c a t c t c g t g c a a a a a a t g c g c t a a t a t a c g c c 3'

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

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



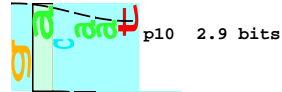
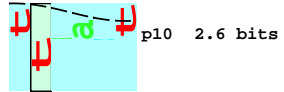
-----} p35-(23)-p10 3408223 Gap 1.4 bits  
-----| p35-p10 3408223 total 5.0 bits

-----} p35-(23)-p10 3408258 Gap 1.4 bits  
-----| p35-p10 3408258 total 10.2 bits

\*3408270 \* \*3408280 \* \*3408290 \* \*3408300 \* \*3408310 \* \*3408320  
5' g c c t t g c a g t c a c a g t a t g g t c a t t t c t t a a c t c a t g c g c a t c g g a c a a t a t c a 3'  
- ala - leu - gln - ser - gln - tyr - gly - his - phe - leu - thr - his - ala - his - arg - thr - ile - ser -  
- - - - -fMet - val - ile - ser - - -fMet - arg - ile - gly - gln - tyr -  
- leu - ala - val - thr - val - trp - ser - phe - leu - asn - ser - cys - ala - ser - asp - asn - ile -



[----- ... NC\_000913.dusB



-----} p35-(24)-p10 3408296 Gap 2.4 bits  
-----| p10 3.4 bits

-----| p35-p10 3408296 total 5.3 bits



-----} p35-(21)-p10 3408313 Gap 3.3 bits

-----| p35-p10 3408313 total 4.1 bits

-----} p35-(23)-p10 3408315 Gap 1.4 bits

-----| p35-p10 3408315 total 6.5 bits