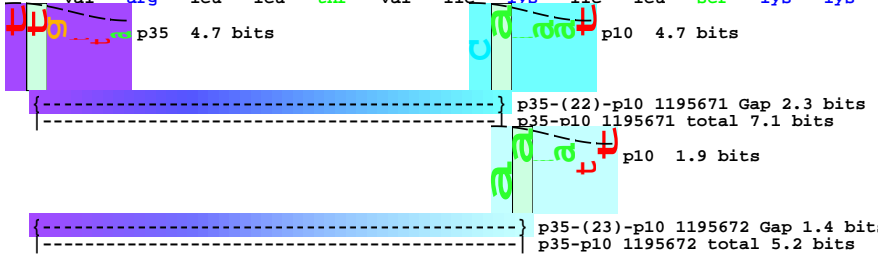


piece 1, NC\_000913, icd\_ymfD+, config: linear, direction: +, begin: 1195567, end: 1196109

5' <sup>\*1195570 \*</sup> t t t g g t g a c g c g a t c a t c g a a a a c a t g t a a t g c c g t a g t t t g t t a a a t t t a t t a a c g g g a g c g t a a c g c t c c c g t t g t t t 3'  
 - phe - gly - asp - ala - ile - ile - glu - asn - met - -fMet - leu - asn - leu - leu - thr - gly - ala - -fMet - phe - phe -  
 - leu - val - thr - arg - ser - ser - lys - thr - cys - asn - ala - val - val - cys - -fMet - pro - -fMet - phe - phe -  
 - trp - -

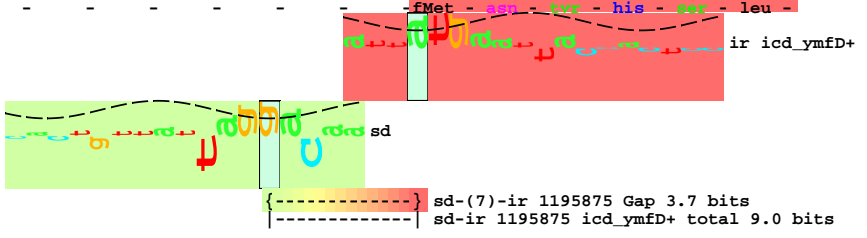
5' <sup>\*1195650 \*</sup> t t g t t a g g c t g c t a a c g g t t a t c a a a a t t t t a t c a a a a a a a g t t a t c a a a a c c c c t c g g t a g t t t t g g g g t a g g c t g g c c g 3'  
 -fMet - leu - gly - cys - -  
 - val - arg - leu - leu - thr - val - ile - lys - ile - leu - ser - lys - lys - val - ile - lys - thr - pro - arg - -fMet - gly - -



5' <sup>\*1195730 \*</sup> g t c a g g t g g t a g t t c t a c t a c t a g t c t c c c a c a t a g a t a t t c c t t a g c t t t t t a t t a t t g c t g g c g g a c g c t c g t t a a t a t 3'  
 -fMet - val - val - leu - leu - leu - val - ser - his - ile - asp - ile - pro - -fMet - leu - ala - asp - ala - arg - -



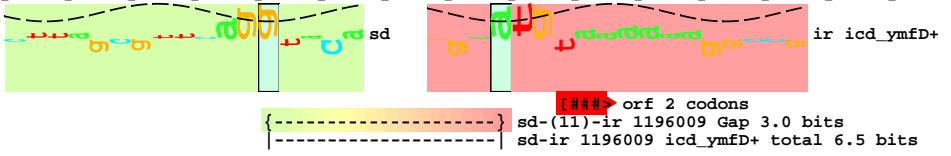
5' <sup>\*1195810 \*</sup> t t a a g g t c t t c a t t g a t t a a g a c a t c c c c a a a g t t a g t t a t g t a t t c a c t g t t a t t a g g a c a a t t a t g a a t t a c c a c t c c t 3'  
 -fMet - ile - lys - thr - ser - pro - lys - leu - val - met - tyr - ser - leu - leu - leu - gly - gln - leu - -fMet - tyr - his - ser - leu -



5' <sup>\*1195900 \*</sup> t a c a c c c g c t c a a a t a t t g t t a a a t t g c c g g t t t t g t a t c a a c t a c t c a c c c g g g a c t c g c c a g g g g a c a g c c a a c a g g c a 3'  
 -fMet - pro - val - leu - tyr - gln - leu - leu - thr - arg - asp - ser - pro - gly - asp - ser - gln - gln - ala -  
 - his - pro - leu - lys - tyr - cys - -fMet - leu - asn - cys - arg - phe - cys - ile - asn - tyr - ser - pro - gly - thr - arg - gln - gly - thr - ala - asn - arg - his -

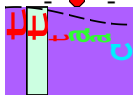
#####> orf 13 codons

5' <sup>\*1195980 \*</sup> t t g g t g a a a t c a c t a g c t t c a g g t a c a t g c g g a a t g t a a a a a g g c c g a g c g a g c c c c t c a c a t a c a t c t t t a 3'  
 - leu - gly - ala - ile - thr - leu - ala - phe - arg - tyr - met - arg - asn - val - lys - lys - ala - ala - ser - ala - ala - pro - ser - his - thr - ser - leu -  
 - trp - val - gln - ser - pro - -fMet - -



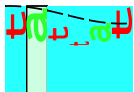
5' <sup>\*1196060 \*</sup> g t a c t g a g a c t g t t t a a c c t a g g g a a t t a t t a t c g t a t t a t a t t g c a t t a c a a c t c c 3'

- 2 -  
- val - leu - arg - leu - phe - asn - leu - gly - asn - tyr - tyr - arg - ile - ile - leu - his - tyr - asn - ser -  
- - - - -



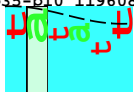
p35 4.1 bits

<----- NC\_000913.ymFD



p10 7.1 bits

{-----} p35-(23)-p10 1196089 Gap 1.4 bits  
|-----| p35-p10 1196089 total 9.8 bits



p10 6.5 bits

{-----} p35-(26)-p10 1196092 Gap 3.7 bits  
|-----| p35-p10 1196092 total 6.9 bits