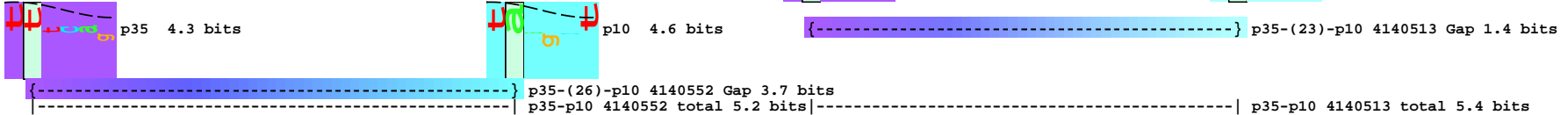


piece 1, NC\_000913, ptsA\_frwC-, config: linear, direction: -, begin: 4140582, end: 4140225

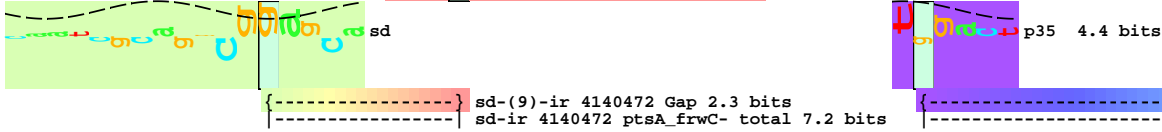
5' <sup>\*4140580 \*</sup> a t t t t t c a g g a t c t g c a c c a a c t c a t t c a t a a g c t g c t c c c g g g c t t g c g a a a g c c c a t g t c c a t a t t t t t g a t g g a g g a a 3'  
 - ile - phe - gln - asp - leu - his - gln - leu - ile - his - lys - leu - leu - pro - gly - leu - arg - lys - pro - met - ser - ile - phe - leu - met - glu - glu -  
 - phe - phe - arg - ile - cys - thr - asn - ser - phe - ile - ser - cys - ser - arg - ala - cys - glu - ser - pro - cys - pro - tyr - phe -



... -----] NC\_000913.frwC



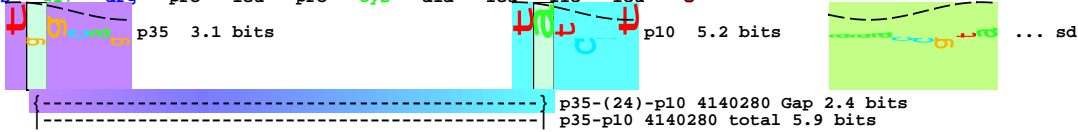
5' <sup>\*4140500 \*</sup> a c a a t a g g c a a t c g c a g c g g a g c g a a a c a a c a g t g g a t a a a a a g g c c a t t t a c t g g a c t t t g t a a t a t c a g t a c a a a a a t g c g 3'  
 - thr - ile - gly - asn - arg - arg - arg - ser - lys - gln - trp - ile - lys - arg - pro - phe - thr - gly - leu - leu -  
 - fMet - arg -  
 - fMet - asp - lys - lys - ala - ile - tyr - trp - thr - phe - val - ile - ser - val - gln - lvs - cys - asp -



5' <sup>\*4140420 \*</sup> a t c c g c c t c a t a a c t t g c g a t a a a c c g g a a g c a t g c c g c a a a a c a g c g t c t t g t g a g a c g c g t a t c g c a a a t t g a c g g t t a c a 3'  
 - ser - ala - ser -  
 - pro - pro - his - asn - leu - arg -  
 - fMet - pro - gln - asn - ser - val - leu -  
 - fMet - arg - arg - val - ala - asn -  
 - fMet - thr - val - thr -

###> orf 25 codons

5' <sup>\*4140330 \*</sup> t t a c a t t t g t c c a g c t t t t g g c a g a t t t g t c a c a t g g c a g g c c g t t g c c g t g c g c t c t t a t c c t g t a a a c a g a a a a c c g t a 3'  
 - leu - his - leu - ser - ser - phe - trp - gln - ile - cys - his - met - ala - gly - arg - cys - arg - ala - leu - leu - ser - cys - lys - gln - lys - thr - val -  
 - fMet - ala - asp - leu - ser - his - gly - arg - pro - leu - pro - cys - ala - leu - ile - leu -  
 - fMet - arg - ser - tyr - pro - val - asn - arg - lys - pro - tyr -



5' <sup>\*4140250 \*</sup> c c g g g a g a g a g g c a a t g g c c c t g a t t g t g g a a t t 3'  
 - pro - gly - glu - arg - gln - trp - pro - fMet - trp - asn -  
 - arg - glu - arg - gly - asn - gly - pro - asp - cys - gly - ile -  
 - fMet - ala - leu - ile - val - glu -

... -----] NC\_000913.ptsA

