



-----| p35-p10 567983 total 4.1 bits

\* \* \* \* \*  
5' c a a t a c g a t t a t t g t t g t a t a t t c a a g a t a a t g t g a c c t t a a t t g t c t t t t t a a a t a a a a a t a a a c a a a a t t a t a t c c c 3'  
- gln - tyr - asp - tyr - cys - cys - ile - phe - lys - ile - met - -fMet - ser - phe - - - - -

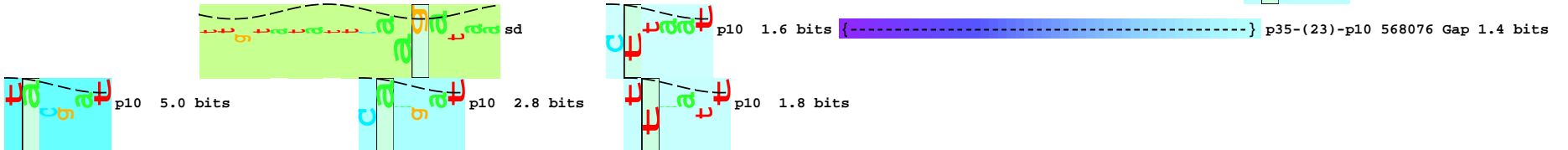
... ile - arg - leu - leu - leu - tyr - ile - gln - asp - asn - val - thr - leu - ile - val - phe - leu - asn - lys - lys -  
... p35 6.1 bits p35 5.7 bits ir emrE\_ybcK+ [###] orf 50 codons p10 2.4 bits

... p35-(26)-p10 568027 Gap 3.7 bits p35 5.6 bits p10 3.8 bits

-----| p35-p10 568027 total 5.2 bits { p35-(25)-p10 568071 Gap 4.0 bits

... p35-(23)-p10 568007 Gap 1.4 bits { sd-(6)-ir 568035 Gap 4.3 bits p35 5.6 bits p10 3.3 bits

... -----| p35-p10 568007 total 4.3 bits |-----| sd-ir 568035 emrE\_ybcK+ total 6.4 bits p10 2.2 bits



{ p35-(23)-p10 568041 Gap 1.4 bits  
p35-p10 568041 total 5.8 bits  
p35-(24)-p10 568042 Gap 2.4 bits  
p35-p10 568042 total 5.1 bits

-----| p35-p10 568071 total 5.4 bits

p35 3.8 bits

{ p35-(23)-p10 568074 Gap 1.4 bits  
p35-p10 568074 total 5.7 bits  
p35-p10 568076 total 6.5 bits  
p35-(24)-p10 568077 Gap 2.4 bits  
p35-p10 568077 total 5.3 bits

\* \* \* \* \*  
5' a c c a c t a a g g t t t a t a a a a g c a t a c g t t a g c a g g t g t c a c c a t g a a a a a g c c a t a g c a t a 3'  
-fMet - ser - pro - -fMet - lys - lys - ala - ile - ala -

sd [-----] ... NC\_000913.ybcK

ir emrE\_ybcK+

{ sd-(8)-ir 568125 Gap 2.4 bits [###] ... orf  
sd-ir 568125 emrE\_ybcK+ total 14.2 bits