

piece 1, NC_000913, tig_clpP+, config: linear, direction: +, begin: 455626, end: 455920

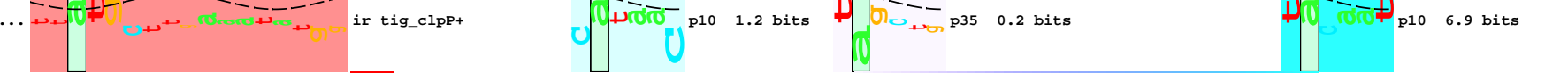
5' ^{*455630 *} t t c a a c g a g c t g a t g a a c c a g c a g g c g g t a a t t t a c g c a g c a t a a c g c g c t a a a t t c g c a c a a a g g c c c g t c a c c g c c a g g t 3'
 - phe - asn - glu - leu - met - asn - gln - gln - ala -
 - ser - thr - ser -
 - gln - arg - ala - asp - glu - pro - ala - gly - val - ile - tyr - ala - ala - -fMet -

5' ^{*455710 *} g g t g g g c t t t t t t t t t g t c a t g a a t t t t g c a t g g a a c c g t g g c g a a a a g c c t c t t t c g g t g t t a g c g g t a a c a a c a a a g a t t g 3'
 - val - gly - phe - phe - leu - ser - -fMet - his - gly - thr - val - arg - lys - ala - ser - phe - gly - val - ser - val - thr - thr - lys - asp - cys - -fMet -
 - val - gly - phe - phe - leu - ser - -fMet - his - gly - thr - val - arg - lys - ala - ser - phe - gly - val - ser - val - thr - thr - lys - asp - cys -



sd-(9)-ir 455736 Gap 2.3 bits
 sd-ir 455736 tig_clpP+ total 5.3 bits

5' ^{*455790 *} t t a t g c t t g a a a t a t g g t g a t g c c g t a c c a t a a c a c a g g g a c t a g c t g a t a a t c c g t g a t a a g g t t a c a a t c g g t a c a g 3'
 - leu - cys - leu - lys - tyr - gly - asp - ala - val - pro - ile - thr - gln - gly - leu - ala - asp - asn - pro - ser - ile - arg - leu - gln - ser - val - gln -
 - tyr - ala - -fMet - val - met - pro - tyr - pro -
 -fMet - leu - glu - ile - trp -

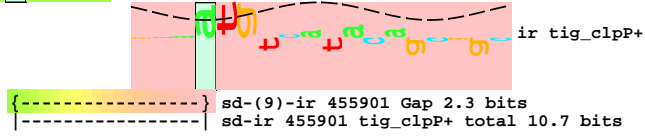
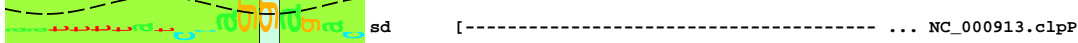


sd-(7)-ir 455790 Gap 3.7 bits
 sd-ir 455790 tig_clpP+ total 6.3 bits

p35-(24)-p10 455856 Gap 2.4 bits
 p35-p10 455856 total 4.7 bits



5' ^{*455870 *} c a g g t t t t t c a a t t t t a t c c a g g a g a c g g a a a t g t c a t a c a g c g g c g a a c g 3'
 - gln - val - phe - ser - ile - leu - ser - arg - arg - arg - lys - cys - his - thr - ala - ala - asn -
 -fMet - ser - tyr - ser - gly - glu -



sd-(9)-ir 455901 Gap 2.3 bits
 sd-ir 455901 tig_clpP+ total 10.7 bits