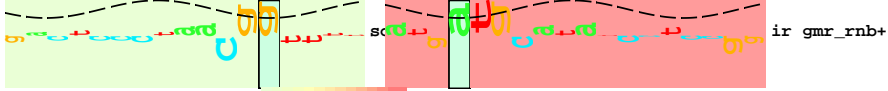
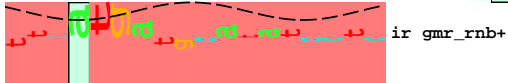
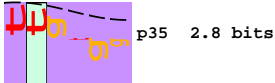


piece 1, NC\_000913, gmr\_rnb+, config: linear, direction: +, begin: 1344737, end: 1345021

5' <sup>\*1344740 \*</sup> c a a c g t t g t g g a c t c c c t a a c g g t t t t c a t g a t g c a t a t c c t c c g g t t a a c a g c g g a g t c c g c g g t t a a a t a a a g g a a c a 3'  
 - gln - arg - cys - gly - leu - pro - asn - gly - phe - his - asp - ala - tyr - pro - pro - val - asn - ser - gly - val - arg - gly - ●  
 - asn - val - val - asp - ser - leu - thr - val - phe - met - met - his - ile - leu - arg - leu - thr - ala - glu - ser - ala - val - lys - ●  
 - thr - leu - trp - thr - pro - ●

NC\_000913.gmr p10 0.5 bits orf 15 codons ir



sd-(7)-ir 1344820 Gap

sd-(6)-ir 1344765 Gap 4.3 bits  
 sd-ir 1344765 gmr\_rnb+ total 5.1 bits  
 sd-(9)-ir 1344768 Gap 2.3 bits  
 sd-ir 1344768 gmr\_rnb+ total 5.3 bits

sd-ir 1344820 gmr\_rnb+ to  
 sd-(16)-ir 1344829 Gap  
 sd-ir 1344829 gmr\_rnb+ to

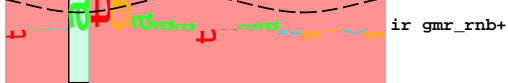
p10 3.6 bits

p35-(22)-p10 1344765 Gap 2.3 bits  
 p35-p10 1344765 total 4.0 bits

p35 5.3 bits

p35-(23)-p10 1344785 Gap 1.4 bits  
 p35-p10 1344785 total 4.4 bits

5' <sup>\*1344820 \*</sup> a c a t g a c t t a c a t g a a a t t a a c g g c g g c t a a a c g c a t t g t t t t t t t t a t a t a t t t t t g t a a t c c a g t t t t g g a a a a c g 3'  
 -fMet - thr - tyr - met - lys - leu - thr - ala - ala - lys - arg - ile - val - phe - phe - ile - tyr - leu - phe - val - ile - gln - phe - trp - lys - asn - ala -  
 -fMet - phe - phe - leu - tyr - ile - tyr - leu - phe - val - ile - gln - phe - trp - lys - asn - ala -

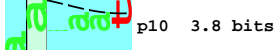
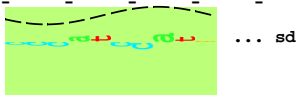


sd-(7)-ir 1344820 Gap 3.7 bits  
 sd-ir 1344820 gmr\_rnb+ total 15.3 bits  
 sd-(16)-ir 1344829 Gap 6.4 bits  
 sd-ir 1344829 gmr\_rnb+ total 9.4 bits

5' <sup>\*1344900 \*</sup> c c a g t t t t c a a a c g a a a g t c a g t t a a a a a t c t g c c t g g a t a t a a c g a a g g t a g a g c g g g g a a a t a a a c g g c c c a t c c a t g 3'  
 - gln - phe - ser - asn - glu - ser - gln - leu - lys - asn - leu - pro - gly - tyr - asn - glu - gly - arg - ala - gly - lys - ●  
 - ser - phe - gln - thr - lys - val - ser - ● -fMet - ●



orf 35 codons

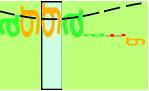


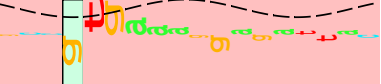
p35-(21)-p10 1344925 Gap 3.3 bits  
 p35-p10 1344925 total 5.2 bits

p10 1.4 bits

{-----} p35-(23)-p10 1344927 Gap 1.4 bits  
|-----| p35-p10 1344927 total 4.6 bits

\*1344980 \*            \*1344990 \*            \*1345000 \*            \*1345010 \*            \*1345020  
5' a g g a a t g g g c c g t g a a a g g a g a t t a c g c g a c c g g g c g c g c a a 3'  
- arg - asn - gly - pro -            -fMet - gly - arg - glu - arg - arg - leu - arg - asp - arg - ala - arg -  
-fMet - lys - gly - asp - tyr - ala - thr - gly - arg - ala -

...  sd <----- NC\_000913.rnb

 ir gmr\_rnb+

{-----} sd-(9)-ir 1344991 Gap 2.3 bits  
|-----| sd-ir 1344991 gmr\_rnb+ total 8.0 bits