

piece 1, NC\_000913, gltI\_IS5D+, config: linear, direction: +, begin: 686941, end: 687093

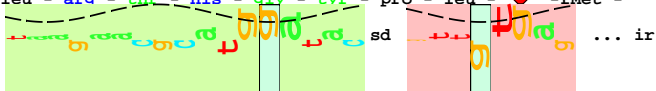
5' g a t t g c t g t g g c a g g t t t a c g t a a t t g c a t a t c c a a c t c c t t t a t c t t c t g c g t t a a g a a c g c a t g g a t a c c c g t t g t g a g 3'

- asp - cys - cys - gly - arg - phe - thr - ● -fMet - his - ile - gln - leu - leu - tyr - leu - leu - arg - ● - - -fMet - asp - thr - arg - cys - glu -

- ile - ala - val - ala - gly - leu - arg - asn - cys - ile - ser - asn - ser - phe - ile - phe - cys - val - lys - asn - ala - trp - ile - pro - val - val - ser -

- leu - leu - trp - gln - val - tyr - val - ile - ala - tyr - pro - thr - pro - leu - ser - ser - ala - leu - arg - thr - his - gly - tyr - pro - leu - ● -fMet -

... -----] NC\_000913.gltI



{-----} sd-(10)-ir 687017 Gap 2.7 bits  
 -----| sd-ir 687017 gltI\_IS5D+ total 5.0 bits

5' t g t t t g t g t g t t a t c g t c t g c a a c t t t a t t g t g c a g t g t t g t g c c t g t t a g g g a a g g t g c g a a t a a g c g g g 3'

- cys - leu - cys - cys - tyr - arg - leu - gln - leu - tyr - cys - ala - val - leu - cys - leu - leu - gly - lys - val - arg - ile - ser - gly -

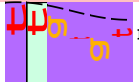
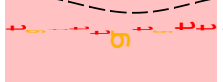
- val - cys - val - val - ile - val - cys - asn - phe - ile - val - gln - cys - cys - ala - cys - ● - - -

- phe - val - leu - leu - ser - ser - ala - thr - leu - leu - cys - ser - val - val - pro - val - arg - glu - gly - ala - asn - lys - arg -

... ir gltI\_IS5D+

p10 2.6 bits

###> orf 19 codons



p35 3.8 bits

p10 4.6 bits

{-----} p35-(22)-p10 687048 Gap 2.3 bits  
 -----| p35-p10 687048 total 4.1 bits  
 {-----} p35-(24)-p10 687050 Gap 2.4 bits  
 -----| p35-p10 687050 total 6.0 bits