

piece 1, NC\_000913, glpE\_glpD-, config: linear, direction: -, begin: 3560065, end: 3559827

\*3560060 \*3560050 \*3560040 \*3560030 \*3560020 \*3560010 \*3560000 \*3559990 \*

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

- pro - tyr - his - asn - gln - ile - phe - gly - phe - his - ala - ala - leu - ile - his - phe - arg - - - -fMet - phe - val - ile - glu - his -

- pro - ile - thr - ile - arg - ser - leu - val - ser - met - leu - pro - ser - phe - thr - phe - val - lys - ala - his - lys - cys - ser - leu - ser - asn - ile -

- leu - ser - gln - ser - asp - leu - trp - phe - pro - cys - cys - pro - his - ser - leu - ser - leu - lys - leu - ile - asn - val - arg - tyr - arg - thr - tyr -

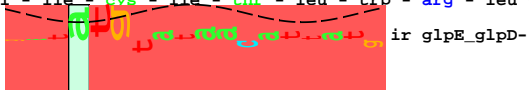
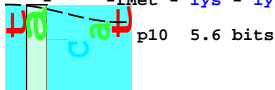
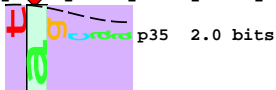
-----] NC\_000913.glpD

\*3559980 \*3559970 \*3559960 \*3559950 \*3559940 \*3559930 \*3559920 \*3559910 \*

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

- ile - ser - lys - glu - ser - arg - phe - arg - - - -fMet - tyr - asn - ile - met - ala - phe - ile - cys - arg -

- leu - ala - lys - asn - arg - ala - leu - gly - asn - ile - glu - lys - thr - phe - - - -fMet - lys - lys - his - phe - arg - val - ile - cys - ile - thr - leu - trp - arg - leu - ser - ala - ala -

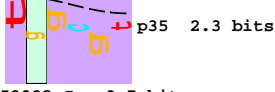


{-----} p35-(22)-p10 3559959 Gap 2.3 bits

{-----} sd-(5)-ir 3559932 Gap 5.4 bits

p35-p10 3559959 total 5.2 bits

sd-ir 3559932 glpE\_glpD- total 7.2 bits



{-----} p35-(26)-p10 3559928 Gap 3.7 bits

p35-p10 3559928 total 6.8 bits

{-----} ... p35-(24)-p10 3559894 Gap

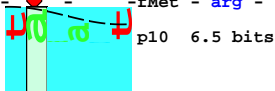
{-----} ... p35-p10 3559894 total 6.3

\*3559900 \*3559890 \*3559880 \*3559870 \*3559860 \*3559850 \*3559840 \*3559830

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

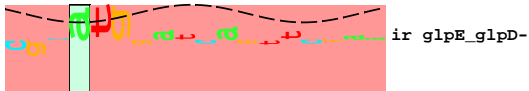
- phe - asp - val - asn - cys - ala - val - asn - leu - pro - thr - cys - leu - - - -fMet - phe - val - lys - lys - glu - arg - arg - met - asp - gln - phe - glu - cys -

- ser - thr - -fMet - arg - - - -fMet - tyr -



[###> orf 24 codons

-----] ... NC\_000913.glpE



{-----} sd-(9)-ir 3559846 Gap 2.3 bits

sd-ir 3559846 glpE\_glpD- total 9.3 bits

{-----} p35-(24)-p10 3559894 Gap 2.4 bits

-----] p35-p10 3559894 total 6.3 bits