

piece 1, NC\_000913, ydiP\_ydiQ+, config: linear, direction: +, begin: 1777296, end: 1777660

5' <sup>\*1777300 \*</sup> a c t g g c g t t a t c a a a a c a g c g t t g a t a c a t g a c a a c c t c c c t a t t c c a t g a g c a a g c a a a a c a a t a t a t g c c g g a t a a a a 3'

- thr - gly - val - ile - lys - thr - ala - leu - ile - his - asp - asn - leu - pro - ile - pro - fMet - thr - thr - ser - leu - phe - his - glu - gln - ala - lys - thr - ile - tyr - ala - gly -

- leu - ala - leu - ser - lys - gln - arg - - -fMet - thr - thr - ser - leu - phe - his - glu - gln - ala - lys - thr - ile - tyr - ala - gly -

- trp - arg - tyr - gln - asn - ser - val - asp - thr - - -fMet - ser - lys - gln - lys - gln - tyr - met - pro - asp - lys - ile -

... -----] NC\_000913.ydiP p10 1.0 bits [###> orf 17 codons



sd-(10)-ir 1777324 Gap 2.7 bits  
sd-ir 1777324 ydiP\_ydiQ+ total 5.1 bits

p35 5.6 bits

p35-(22)-p10 1777340 Gap 2.3 bits  
p35-p10 1777340 total 4.2 bits

5' <sup>\*1777380 \*</sup> t a c g g c g t g t a t t g c g g t t a t a c a a c c g c g t t t a g c g a g a g c t a a a c a a g a t t a t t t a c a c t g a a t g c a a g a t t g t a c g g t 3'

- - -fMet - tyr - cys - gly - tyr - thr - thr - ala - phe - ser - glu - ser - - -fMet - gln - asp - fMet - tyr - gly -

- arg - arg - val - leu - arg - leu - tyr - asn - arg - val - - -fMet - gln - asp - cys - thr - val -

p35 2.3 bits

p10 5.8 bits

p35 5.5 bits

p35-(26)-p10 1777434 Gap 3.7 bits p10 2.5 bits

p35-p10 1777434 total 4.4 bits  
p35-(21)-p10 1777453 Gap 3.3 bits  
p35-p10 1777453 total 4.7 bits

5' <sup>\*1777460 \*</sup> c a t g g a a t a a c t a t a t t g c c g c a a a t t g c a c t t t t g t t t t a g c g a t c g c a t t t t t t t t g c a a g a t t g t t g g c a a g g a a a a c 3'

- his - gly - ile - thr - ile - leu - pro - gln - ile - ala - leu - leu - phe - - -fMet - his - phe - cys - phe - ser - asp - arg - ile - phe - phe - ala - arg - leu - leu - ala - arg - lys - thr -

- met - glu - - -fMet - his - phe - cys - phe - ser - asp - arg - ile - phe - phe - ala - arg - leu - leu - ala - arg - lys - thr -

- - -fMet - gln - asp - cys - trp - gln - gly - lys - gln -

p35 4.7 bits

p10 2.3 bits

sd-(12)-ir 1777459 Gap 4.0 bits  
sd-ir 1777459 ydiP\_ydiQ+ total 6.2 bits

p35-(23)-p10 1777507 Gap 1.4 bits  
p35-p10 1777507 total 5.5 bits

p35 3.8 bits

p10 2.8 bits

[###> orf 3 codons

p35-(23)-p10 1777518 Gap 1.4 bits  
p35-p10 1777518 total 5.1 bits

5' <sup>\*1777540 \*</sup> a g c t t g c t c c g t c g a a a a c c c c g c a c c g c t a t c g c a c a c t a t t t t t c a g g c c a t t t t t t a c c t t c c a t c g g a g a t g g t t c c g t 3'

- - -fMet - leu - arg - arg - lys - pro - arg - thr - ala - ile - ala - his - tyr - phe - gln - ala - ile - phe - thr - phe - his - arg - arg - trp - phe - arg -

- ala - cys - ser - val - glu - asn - pro - ala - pro - leu - ser - his - thr - ile - phe - arg - pro - phe - leu - pro - ser - ile - gly - asp - gly - ser - val -

- leu - ala - pro - ser - lys - thr - pro - his - arg - tyr - arg - thr - leu - phe - ser - gly - his - phe - tyr - leu - pro - ser - glu - met - val - pro - tyr -

