

piece 1, NC\_000913, cpxR\_cpxP+, config: linear, direction: +, begin: 4103664, end: 4103862

\* 4103670 \* \* 4103680 \* \* 4103690 \* \* 4103700 \* \* 4103710 \* \* 4103720 \* \* 4103730 \* \* 4103740 \*

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

- val - ile - ile - asn -  
 - ser - ser - ser - thr - asn - arg - ile - leu - phe - ile - val -  
 - his - his - gln - leu - thr - gly - phe - tyr - ser - leu - phe - lys - tyr - leu - arg - gly - arg - asn - tyr - val - ile - arg - arg - arg - -fMet -

... -----] NC\_000913.cpxR p10 1.7 bits orf 16 codons



{-----} sd-(11)-ir 4103693 Gap 3.0 bits  
 {-----} sd-ir 4103693 cpxR\_cpxP+ total 5.8 bits

{-----} p35 4.8 bits

{-----} p35-(22)-p10 4103716 Gap 2.3 bits  
 {-----} p35-p10 4103716 total 4.1 bits

\* 4103750 \* \* 4103760 \* \* 4103770 \* \* 4103780 \* \* 4103790 \* \* 4103800 \* \* 4103810 \* \* 4103820 \*

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

- - - -fMet - phe - tyr - thr - pro - -fMet - phe - ala - ala -  
 - thr - leu - arg - cys - phe - thr - pro - pro - asp - ala - cys - leu - gln - pro - glu - ser - -fMet - asn - arg - asp - arg - lys -

{-----} p35 5.2 bits {-----} p10 3.8 bits ... sd

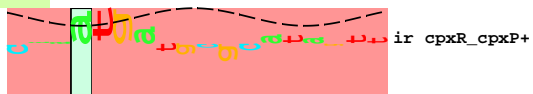
{-----} p35-(24)-p10 4103805 Gap 2.4 bits  
 {-----} p35-p10 4103805 total 6.6 bits

\* 4103830 \* \* 4103840 \* \* 4103850 \* \* 4103860 \*

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

- ile - leu - gly - ala - asn - asp - ala - his - ser - tyr - arg - cys -  
 -fMet - met - arg - ile - val - thr - ala -

sd [-----] ... NC\_000913.cpxP



{-----} sd-(6)-ir 4103840 Gap 4.3 bits  
 {-----} sd-ir 4103840 cpxR\_cpxP+ total 5.7 bits



{-----} sd-(9)-ir 4103843 Gap 2.3 bits  
 {-----} sd-ir 4103843 cpxR\_cpxP+ total 8.3 bits