

piece 1, NC\_000913, fklB\_cycA-, config: linear, direction: -, begin: 4427916, end: 4427559

\*4427910 \* \*4427900 \* \*4427890 \* \*4427880 \* \*4427870 \* \*4427860 \* \*4427850 \* \*4427840 \*

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

- ile - gly - asn - asp - phe - tyr - leu - ile - tyr - his - val - phe - phe - phe - leu - tyr - leu - ser - val - leu - phe - arg - leu - tyr - gly - leu - ● -

- ser - ala - thr - thr - phe - thr - ● - -fMet - phe - phe - ser - ser - cys - thr - cys - leu - cys - cys - ser - gly - ser - thr - ala - phe - ser -

- arg - gln - arg - leu - leu - pro - asp - leu - pro - cys - phe - phe - leu - pro - val - pro - val - cys - val - val - gln - ala - leu - arg - pro - leu - val -

-----] NC\_000913.cycA

\*4427830 \* \*4427820 \* \*4427810 \* \*4427800 \* \*4427790 \* \*4427780 \* \*4427770 \* \*4427760 \*

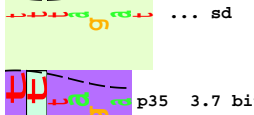
5' t c a g t c t a t g a t a c g a c g a a t c t g t a t c g g g a c t c a t c g a t a t t a g g t a a c a a t a c g c g g g a t g a a t a c t a a g a t t t a g a t 3'

- gln - ser - met - ile - arg - arg - ile - cys - ile - gly - thr - his - arg - tyr - ● - -fMet - asn - thr - lys - ile - ● - -

- ser - leu - ● -



sd-(15)-ir 4427774 Gap 6.0 bits  
sd-ir 4427774 fklB\_cycA- total 6.1 bits



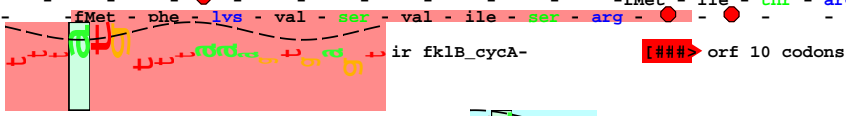
... p35-(26)-p10 4427734 Gap  
... p35-p10 4427734 total 5.1

\*4427750 \* \*4427740 \* \*4427730 \* \*4427720 \* \*4427710 \* \*4427700 \* \*4427690 \* \*4427680 \*

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

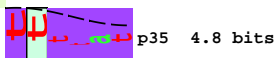
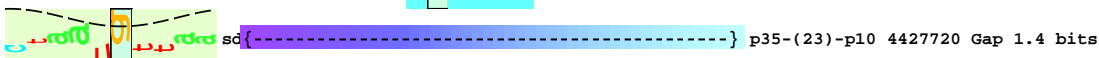
-fMet - leu - ile - leu - cys - leu - lys - ● -fMet - ser - tyr - his - gly - asp - asn - ala - lys - gln - leu - thr - lys - ile - his - ala - tyr - gly -

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



sd-(9)-ir 4427740 Gap 2.3 bits p10 2.0 bits

sd-ir 4427740 fklB cycA- total 6.6 bits  
p10 5.1 bits



p35-(26)-p10 4427734 Gap 3.7 bits  
p35-p10 4427734 total 5.1 bits  
p35-p10 4427720 total 5.4 bits

\*4427670 \* \*4427660 \* \*4427650 \* \*4427640 \* \*4427630 \* \*4427620 \* \*4427610 \* \*4427600 \*

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

- val - phe - ala - thr - gln - asn - ser - ala - val - trp - gln - thr - glu - gly - phe - ile - ala - glu - cys - leu - leu - pro - ser - arg - ser - arg - gly -

- ser - leu - gln - his - lys - ile - ala - pro - phe - gly - lys - leu - lys - gly - leu - leu - leu - asn - ala - cys - ser - pro - leu - val - arg - gly - glu -

-fMet - ala - asn - ● - -fMet - pro - ala - pro - leu - ser - phe - glu - gly - asn -



p35-(26)-p10 4427642 Gap 3.7 bits  
p35-p10 4427642 total 6.0 bits

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*4427590 *          *4427580 *          *4427570 *          *4427560
5' a c a g a a t g c g c t g c t t a g a g g a t t t c c a g c a g t t 3'
- thr - glu - cys - ala - ala - - - - - - - - - - - - - - - - - - - - - - -
- gln - asn - ala - leu - leu - arg - gly - phe - pro - ala - val -
- arg - met - arg - cys - leu - glu - asp - phe - gln - gln -
<----- NC_000913.fk1B
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