

piece 1, NC\_000913, yafC\_yafD-, config: linear, direction: -, begin: 231151, end: 230862

\*231150 \* \*231140 \* \*231130 \* \*231120 \* \*231110 \* \*231100 \* \*231090 \* \*231080 \*

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

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

- ser - ala - trp - his - arg - cys - phe - phe - ala - leu - leu - thr - leu - lys - pro - leu - leu - arg - gln - pro - phe - arg - thr - arg - glu - gly - ser -

NC\_000913.yafD

\*231070 \* \*231060 \* \*231050 \* \*231040 \* \*231030 \* \*231020 \* \*231010 \* \*231000 \* \*230990 \*

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

- tyr - cys - tyr - arg - asp - phe - ser - ser - leu - phe - gln - arg - ala - ile - val - tyr - cys - tyr - val - ser - lys - cys - leu - thr - pro - val - arg -

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

p35 2.6 bits ... p10

p35-(23)-p10 230992 Gap 1.4 bits  
p35-p10 230992 total 4.8 bits

\*230980 \* \*230970 \* \*230960 \* \*230950 \* \*230940 \* \*230930 \* \*230920 \* \*230910 \*

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

- ile - leu - leu - ile - met - glu - asn - ile - lys - ser - his - asp - ile - ser - arg - ile - leu - met - val - fMet - thr - arg - lys - phe - lys - ile - ser -

- phe - cys - ser - leu - trp - arg - thr - leu - asn - arg - met - thr - tyr - his - ala - ser -

p10 3.7 bits

ir yafC\_yafD- ir yafC\_yafD-

sd p35 3.3 bits orf 7 codons p10 4.7 bits

sd-(16)-ir 230958 Gap 6.4 bits sd-(5)-ir 230930 Gap 5.4 bits ... p10

sd-ir 230958 yafC\_yafD- total 7.9 bits sd-ir 230930 yafC\_yafD- total 6.9 bits

p10 4.5 bits

p35-(24)-p10 230933 Gap 2.4 bits  
p35-p10 230933 total 5.4 bits

p35 2.7 bits

p35-(21)-p10 230915 Gap 3.3 bits  
p35-p10 230915 total 4.1 bits

p35 5.7 bits

p35-(23)-p10 230910 Gap 1.4 bits  
p35-p10 230910 total 4.4 bits

\*230900 \* \*230890 \* \*230880 \* \*230870 \*

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

- fMet - lys - ala - thr - ser - glu -

- fMet - gln - gln - glu - gln - lys -

- leu - leu - phe - cys - arg - arg - ser - lys - asn - glu - ser - his - val - gly - arg -

sd ir yafC\_yafD-

NC\_000913.yafC

... p10 0.2 bits

{-----} sd-(8)-ir 230881 Gap 2.4 bits

|-----| sd-ir 230881 yafC\_yafD- total 13.0 bits