

piece 1, NC\_000913, yidK\_yidL+, config: linear, direction: +, begin: 3858110, end: 3858295

\*3858110 \* \*3858120 \* \*3858130 \* \*3858140 \* \*3858150 \* \*3858160 \* \*3858170 \* \*3858180 \* \*3858190

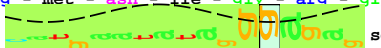
5' g a c a a a a c t c a a g a t t t g t a a c g a a t t c a t c t c a t a g c c c t t a t t t a t g t t t a t g t c c c g g a c g c a t g a a t a t a g g g a g a g 3'

- asp - lys - thr - gln - asp - leu - ● - - - - -fMet - phe - met - ser - arg - thr - his - glu - tyr - arg - glu - arg -

- thr - lys - leu - lys - ile - cys - asn - glu - phe - ile - ser - ● - - - - - pro - tyr - leu - cys - leu - cys - pro - gly - arg - met - asn - ile - gly - arg - gly -

- gln - asn - ser - arg - phe - val - thr - asn - ser - ser - his - ser -

...-----] NC\_000913.yidK



... sd-(10)-ir 3858196 Gap  
 ... sd-ir 3858196 yidK\_yidL+

\* \*3858200 \* \*3858210 \* \*3858220 \* \*3858230 \* \*3858240 \* \*3858250 \* \*3858260 \* \*3858270

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

● - lvs - met - arg - arg - val - arg - gln - ser - asp - ser - ● - - - - -fMet - phe - ser - val - lys - phe - arg -

ir yidK\_yidL+ [###> orf 10 codons





... } sd-(10)-ir 3858196 Gap 2.7 bits  
 ... } sd-ir 3858196 yidK\_yidL+ total 9.0 bits

... p35-(24)-p10 3858282 Gap  
 ... p35-p10 3858282 total 6.5

\* \*3858280 \* \*3858290 \*


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

-fMet - ser - ile - ile - arg - arg -

- leu - ● - ● -

... NC\_000913.yidL

... } p35-(24)-p10 3858282 Gap 2.4 bits  
 ... } p35-p10 3858282 total 6.5 bits



p10 5.5 bits