

piece 1, NC\_000913, ybaJ\_acrB+, config: linear, direction: +, begin: 479903, end: 480497

\*479910 \*479920 \*479930 \*479940 \*479950 \*479960 \*479970 \*479980

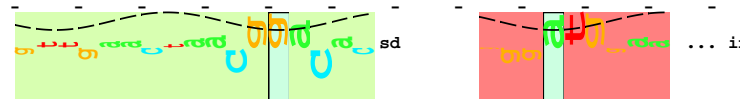
5' a t c a t g t c t t t t g g g t g a g t a t t c a t c c a t a a c g c g t c c c t t c t t a g c g g t t g a a c t a a c g g a c a c c t t t c g g a t g g a a 3'

- ile - met - ser - phe - gly - fMet - asn - fMet - glu -

- ser - cys - leu - leu - gly - glu - tyr - ser - ser - ile - thr - arg - pro - leu - leu - ser - gly -

- his - val - phe - trp - val - ser - ile - his - pro -

... ] NC\_000913.ybaJ

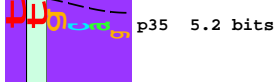
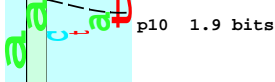
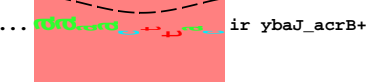


sd-(13)-ir 479978 Gap 4.6 bits  
 sd-ir 479978 ybaJ\_acrB+ total 6.3 bits

\*479990 \*480000 \*480010 \*480020 \*480030 \*480040 \*480050 \*480060

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

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



[###] orf 6 codons

{-----} p35-(22)-p10 480026 Gap 2.3 bits

{-----} p35 5.3 bits

-----| p35-p10 480026 total 4.2 bits

... p35-(26)-p10 480068 Gap

... p35-p10 480068 total 5.3

... p35-(24)-p10 480074 Gap

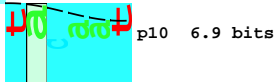
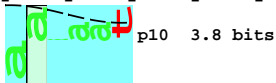
... p35-p10 480074 total 9.8

\*480070 \*480080 \*480090 \*480100 \*480110 \*480120 \*480130 \*480140

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

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

- fMet -



... {-----} p35-(26)-p10 480068 Gap 3.7 bits

... {-----} p35-p10 480068 total 5.3 bits

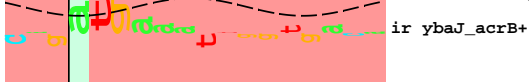
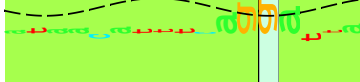
... {-----} p35-(24)-p10 480074 Gap 2.4 bits

... {-----} p35-p10 480074 total 9.8 bits

\*480150 \*480160 \*480170 \*480180 \*480190 \*480200 \*480210 \*480220

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

- cys - ser - asn - tyr - ser - leu - glu - leu - phe - ile - thr - phe - gln - asp - tyr - arg - gln - met - lys - leu - val - thr - leu - ile - pro - gly - leu - leu - fMet - thr -



[###] orf 12 codons

{-----} sd-(12)-ir 480184 Gap 4.0 bits

... ir

-----| sd-ir 480184 ybaJ\_acrB+ total 10.8 bits

{-----} sd-(13)-ir 480222 Gap 4.6 bits

... sd

-----| sd-ir 480222 ybaJ\_acrB+ total 9.9 bits

\*480230 \*480240 \*480250 \*480260 \*480270 \*480280 \*480290 \*480300

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

