

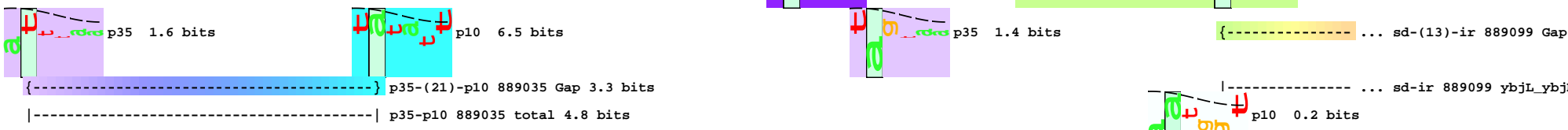
piece 1, NC\_000913, ybjL\_ybjM+, config: linear, direction: +, begin: 889013, end: 889331

5' <sup>\*</sup> a t t t t a a c a a t t c g g c g a c g t t t a t a t t t c a c g g a g g c t a a c t t c t t g t t t a c t a g t a a g c t g t t g a a a g a a a t g g t a a t t t a 3'

- phe - asn - asn - ser - ala - thr - phe - ile - phe - thr - glu - ala - asn - phe - leu - phe - thr - ser - lys - leu - leu - lys - glu - met - val - ile - tyr -

- leu - thr - ile - arg - arg - arg - leu - tyr - ser - arg - arg - leu - thr - ser - cys - leu - leu - val - ser - cys -

NC\_000913.ybjL



5' <sup>\*</sup> c g a t a a t g t t t t t t a c c a g a a t t c a g g g c g c a g a t t c a t t c a g c g c a c c t a a a c g a t a g t a a a g t a a c a a t a t a t t t t a c t 3'

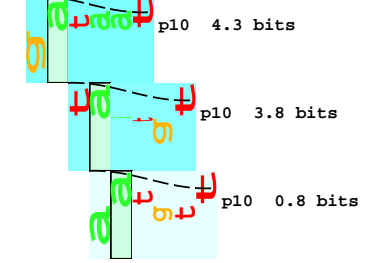
- asp - asn - val - phe - tyr - gln - asn - ser - gly - arg - arg - phe - ile - gln - arg - thr -

- fMet - phe - phe - thr - arg - ile - gln - gly - ala - asp - ser - phe - ser - ala - pro - lys - arg -

ir ybjL\_ybjM+

###> orf 18 codons

sd-(13)-ir 889099 Gap 4.6 bits  
sd-ir 889099 ybjL\_ybjM+ total 6.2 bits



p35-(21)-p10 889096 Gap 3.3 bits  
p35-p10 889096 total 7.5 bits  
p35-(23)-p10 889098 Gap 1.4 bits  
p35-p10 889098 total 8.8 bits  
p35-(24)-p10 889099 Gap 2.4 bits  
p35-p10 889099 total 4.8 bits

5' <sup>\*</sup> a g t g t a a t c a c a t t a g g t a t c a a c g g c t a t a t g a a t t g c g t t g g c c t a t a t t a g c a t g g a a t g c g a a g c g g c t t t a t c t t a 3'

- fMet -

- fMet - asn - cys - val - gly - leu - tyr -

- fMet - ala - tyr - ile - ser - met - glu - cys - glu - ala - ala - leu - ser - tyr -

- fMet - arg - trp - pro - ile - leu - ala - trp - asn - ala - lys - arg - leu - tyr - leu - thr -

- 2 -  
p35 3.5 bits

p10 4.5 bits

p10 4.5 bits

p35-(21)-p10 889227 Gap 3.3 bits  
p35-p10 889227 total 4.7 bits

p35 2.1 bits

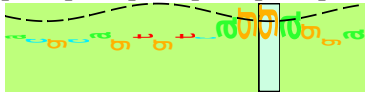
p35-(23)-p10 889250 Gap 1.4 bits  
p35-p10 889250 total 5.1 bits

\*889260 \* \*889270 \* \*889280 \* \*889290 \* \*889300 \* \*889310 \* \*889320 \* \*889330

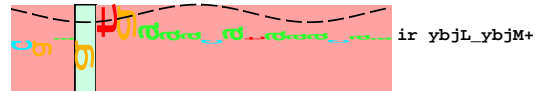
5' ctgaacgcccactggcgaaaaatgtgttcgatatgacgcagtggtcaggagggaacgagtgaaacataaaccaacgcttg 3'

- leu - asn - ala - thr - leu - ala - lys - asn - val - phe - asp - arg - arg - ser - val - arg - arg - asn - glu - ser - glu - thr - - - -fMet -

- glu - arg - his - thr - gly - glu - lys - cys - val - arg - -fMet - lys - his - lys - gln - arg -



[----- NC\_000913.ybjM



sd-(9)-ir 889312 Gap 2.3 bits [###] ... orf  
sd-ir 889312 ybjL\_ybjM+ total 9.4 bits