

piece 1, NC\_000913, zwf\_yebK-, config: linear, direction: -, begin: 1934705, end: 1934319

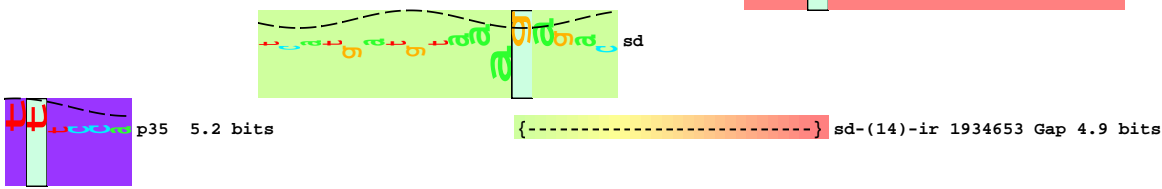
\*1934700 \* \*1934690 \* \*1934680 \* \*1934670 \* \*1934660 \* \*1934650 \* \*1934640 \* \*1934630 \*

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

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

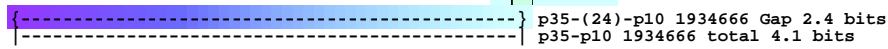
- glu - thr - gly - phe - phe - pro - ala - tyr - ser - fMet - met - fMet - thr - ile - ser - ala - leu - lys - glu - ile - glu -

...-----] NC\_000913.yebK ir zwf\_yebK-



sd-ir 1934653 zwf\_yebK- total 7.0 bits

p10 1.4 bits



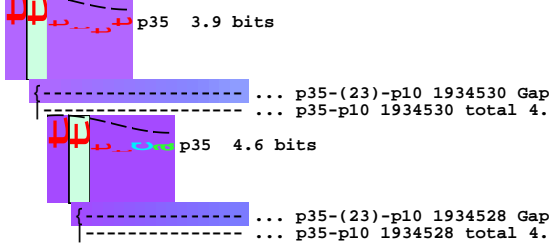
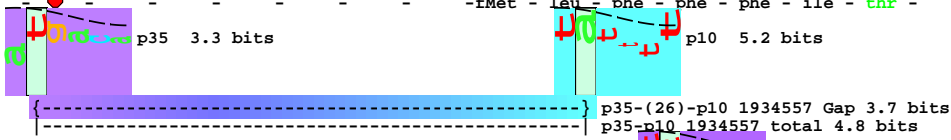
\*1934620 \* \*1934610 \* \*1934600 \* \*1934590 \* \*1934580 \* \*1934570 \* \*1934560 \* \*1934550 \*

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

- asn - ala - val - leu - ser - asp - ile - thr - pro - val - cys - arg - val - asn - asp - lys - ser - arg - met - gln - phe - cys - gln - ile - leu - arg - leu - cys - ala - val - leu - met - thr - lys - ala - asp - lys - lys - val - val - ile - phe - phe - his - asn -

- met - gln - phe - cys - gln - ile - leu - arg - leu - cys - ala - val - leu - met - thr - lys - ala - asp - lys - lys - val - val - ile - phe - phe - his - asn -

- fMet - pro - cys - fMet - pro - cys - fMet - leu - phe - phe - phe - ile - thr -



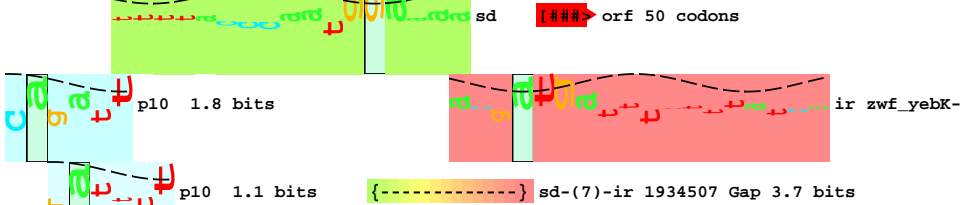
\*1934540 \* \*1934530 \* \*1934520 \* \*1934510 \* \*1934500 \* \*1934490 \* \*1934480 \* \*1934470 \*

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

- met - ile - ser - val - arg - phe - leu - pro - asn - gly - lys - arg - fMet - ile - phe - leu - ser - val - leu - pro - his - phe - ala - arg - phe - ser - arg -

- met - ile - ser - val - arg - phe - leu - pro - asn - gly - lys - arg - fMet - ile - phe - leu - ser - val - leu - pro - his - phe - ala - arg - phe - ser - arg -

- fMet - ser - asp - phe - tyr - pro - met - glu - asn - asp - asp - phe - phe - ile - ser - phe - ala - ala - leu - cys - ala - leu - phe - pro - val -



sd-ir 1934507 zwf\_yebK- total 10.4 bits

p35-(23)-p10 1934530 Gap 1.4 bits

p35-p10 1934530 total 4.3 bits

... } p35-(23)-p10 1934528 Gap 1.4 bits  
... } p35-p10 1934528 total 4.3 bits

\*1934460 \* \*1934450 \* \*1934440 \* \*1934430 \* \*1934420 \* \*1934410 \* \*1934400 \* \*1934390 \*  
5' a a t c g c a c g g g t g g a t a a g c g t t t a c a g t t t t c g c a a g c t c g t a a a a g c a g t a c a g t g c a c c g t a a g a a a t t a c a a g t a t 3'  
- arg - thr - gly - gly - asp - lys - arg - leu - gln - phe - ser - gln - ala - arg - lys - ser - ser - thr - val - his - arg - lys - lys - ile - thr - ser - ile -

[###> orf 21 codons

p35 3.7 bits

p10 2.5 bits

p35 5.5 bits

p10 4.4 bits

p35-(21)-p10 1934419 Gap 3.3 bits

p35-p10 1934419 total 4.8 bits

p35-(23)-p10 1934410 Gap 1.4 bits

p35-p10 1934410 total 6.7 bits

\*1934380 \* \*1934370 \* \*1934360 \* \*1934350 \* \*1934340 \* \*1934330 \* \*1934320  
5' a c c c t g g c t t a a g t a c c g g g t t a g t t a a c t t a a g g a g a a t g a c a t g g c g g t a a c g c a a a c a g c 3'  
- pro - trp - leu - lys - tyr - arg - val - ser - fMet - thr - trp - arg - fMet - ala - val - thr - gln - thr -

sd [-----] ... NC\_000913.zwf

[###> orf 5 codons

sd-(4)-ir 1934343 Gap 9.3 bits

sd-ir 1934343 zwf\_yebK- total 5.1 bits

sd-(9)-ir 1934338 Gap 2.3 bits

sd-ir 1934338 zwf\_yebK- total 13.8 bits