

piece 1, NC_000913, yhiJ_yhiL+, config: linear, direction: +, begin: 3630584, end: 3630894

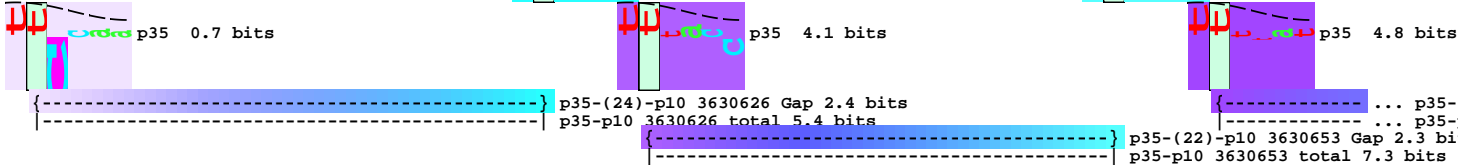
* 3630590 * 3630600 * 3630610 * 3630620 * 3630630 * 3630640 * 3630650 * 3630660

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

- val - ser - ala - cys - his - ser - ser - asn - phe - his - ile - leu - pro - his - ile - ile - tyr - arg - glu - glu - tyr - ile - val - asn - ile - leu - ser -

- leu - val - pro - ala - thr - val - pro - ile - phe - ile - phe - tyr - leu - ile - leu - phe - thr - ala - arg - asn - thr

NC_000913.yhiJ p10 7.1 bits p10 5.6 bits



* 3630670 * 3630680 * 3630690 * 3630700 * 3630710 * 3630720 * 3630730 * 3630740 *

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

- tyr - asp - ile - his - leu - met - phe - asp - gly - lys - ile - ile - ile - phe - cys - thr - asn - his - ser - ala - ser - lys - his - asn - met - lys - phe -

- fMet - thr - tyr - thr - ser - cys - ser - met - gly - lys

- fMet - his - lys - ser - phe - ser - leu - lys - ala

p10 1.7 bits p35 4.7 bits ... ir



p10 5.5 bits



* 3630750 * 3630760 * 3630770 * 3630780 * 3630790 * 3630800 * 3630810 * 3630820 *

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

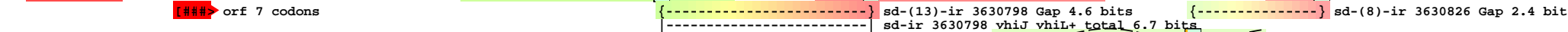
- leu - ile - ser

- fMet

- fMet - pro - leu - gln - ser - ile - lys - lys - thr - tyr -

- fMet

ir yhiJ_yhiL+ sd ir yhiJ_yhiL+ ... ir



* 3630830 * 3630840 * 3630850 * 3630860 * 3630870 * 3630880 * 3630890

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

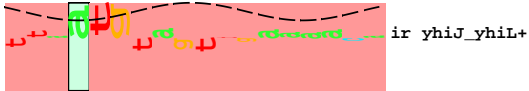
- glu - ile - leu - ala - gly - leu - lys - arg - his - thr - thr - val - phe - met - glu - phe

- lys - tyr - trp - gln - asp

- fMet - fMet - lys - thr

ir yhiJ_yhiL+ orf 27 codons

orf 7 codons





sd

[###] orf 2 codons

sd-(8)-ir 3630878 Gap 2.4 bits
sd-ir 3630878 yhiJ_yhiL+ total 9.3 bits