

piece 1, NC_000913, aspS_yecD-, config: linear, direction: -, begin: 1948885, end: 1948527

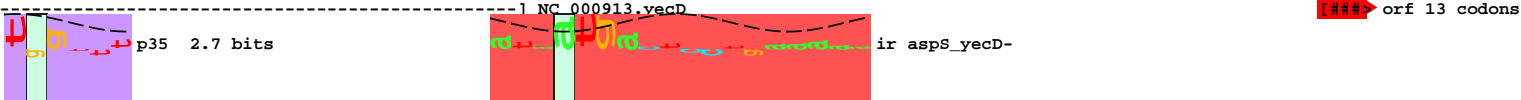
*1948880 * *1948870 * *1948860 * *1948850 * *1948840 * *1948830 * *1948820 * *1948810 *

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

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

- ala - val - val - leu - ala - leu - ser - ser - ser - ile - met - thr - pro - glu - lys - thr - lys - ser - cys - leu - thr - pro -

- gln - trp - phe -



sd (5)-ir 1948854 Gap 5.4 bits
 sd-ir 1948854 aspS_yecD- total 5.9 bits

p35-(22)-p10 1948857 Gap 2.3 bits
 p35-p10 1948857 total 5.9 bits

*1948800 * *1948790 * *1948780 * *1948770 * *1948760 * *1948750 * *1948740 * *1948730 *

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

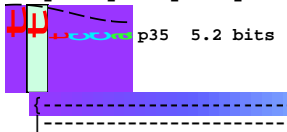
- asp - gly - gly - thr - thr - phe - val - asn - phe - val - asn - phe - tyr - glu - phe - gly - gln - his - leu - tyr - ser - lys - leu - ala -

-fMet - ala - glu - arg - gln - ile - leu - leu - ile - phe - met - ser - ser - gly - asn - thr - phe - ile - ala - asn - trp - arg - arg - val -

*1948720 * *1948710 * *1948700 * *1948690 * *1948680 * *1948670 * *1948660 * *1948650 *

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

-fMet - val - thr - arg - arg - ser - ser - ala - gly - gln - ala - leu - thr - val - arg - gln - asn - phe - gln - tyr - asn - ser - arg -

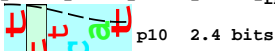


*1948640 * *1948630 * *1948620 * *1948610 * *1948600 * *1948590 * *1948580 * *1948570 *

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

- leu - phe - ser - phe - ser - cys - asp - ile - gln - leu - thr - leu - arg - leu - gly - his - leu - arg - ser - arg - gly - his - pro - pro - ala - ala - lys -

-fMet - thr - tyr - ser - -fMet - val - thr - cys - ala - ala - gly - gly - ile - arg - arg - gln - leu - ser -



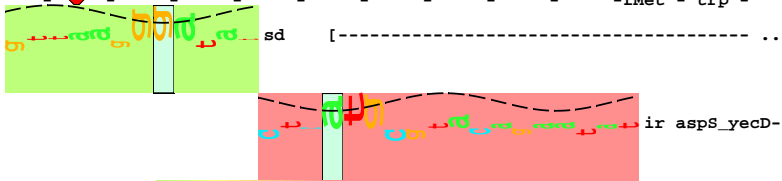
p35-(23)-p10 1948636 Gap 1.4 bits
 p35-p10 1948636 total 6.2 bits

*1948560 * *1948550 * *1948540 * *1948530 *

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

- leu - arg - asp - ile - ser - cys - val - gln - asn - ile - val -

-fMet - thr - glu - tyr - cys - -fMet - trp -



sd-(8)-ir 1948546 Gap 2.4 bits
 sd-ir 1948546 aspS_yecD- total 10.4 bits