

piece 1, NC\_000913, metR\_IRU16+, config: linear, direction: +, begin: 4010810, end: 4010952

\*4010810 \* \*4010820 \* \*4010830 \* \*4010840 \* \*4010850 \* \*4010860 \* \*4010870 \* \*4010880 \* \*4010890

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

- fMet - phe - tyr - phe - asp - his - glu - ser - pro - ser - leu - arg - his - glu -

- ser - val - phe - arg - cys - phe - thr - ser - ile - met - lys - val - leu - his - phe - gly - met -

- ala - phe - ser - gly - val - leu - leu - arg - ser -

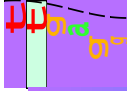
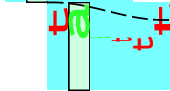
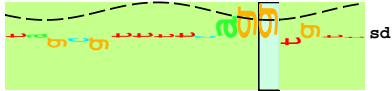
NC\_000913.metR p10 1.9 bits

ir metR\_IRU16+ p10 4.6 bits

sd p10 4.4 bits

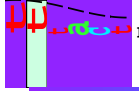
p35 3.7 bits

... orf



sd-(16)-ir 4010838 Gap 6.4 bits

sd-ir 4010838 metR\_IRU16+ total 8.6 bits

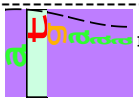


p35 5.7 bits

p35-(24)-p10 4010863 Gap 2.4 bits

p35-(22)-p10 4010849 Gap 2.3 bits

p35-p10 4010849 total 5.2 bits



p35 3.3 bits

... p35-(23)-p10 4010898 Gap

p35-p10 4010863 total 5.5 bits

p35-(26)-p10 4010865 Gap 3.7 bits

p35-p10 4010865 total 4.1 bits

\*4010900 \* \*4010910 \* \*4010920 \* \*4010930 \* \*4010940 \* \*4010950

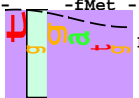
5' a c c g c c a a t t a t g g a t g t g t a a a c a t c t g g a c g g c t a a a a t c c t t c g t c t t t t a a a t t t a t g 3'

- fMet - asp - val -

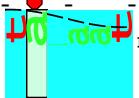
- fMet - cys - lys - his - leu - asp - gly -

- fMet -

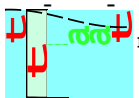
... orf 18 codons



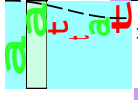
p35 2.6 bits



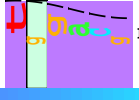
p10 7.6 bits



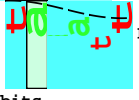
p10 3.7 bits



p10 3.3 bits



p35 3.4 bits



p10 5.7 bits

p35-(24)-p10 4010927 Gap 2.4 bits

p35-(23)-p10 4010898 Gap 1.4 bits

p35-(24)-p10 4010943 Gap 2.4 bits

p35-p10 4010898 total 5.6 bits

p35-p10 4010927 total 7.8 bits

p35-p10 4010943 total 4.7 bits

p35-(25)-p10 4010944 Gap 4.0 bits

p35-p10 4010944 total 5.1 bits