

piece 1, NC\_000913, uxaC\_exuT-, config: linear, direction: -, begin: 3243155, end: 3242744

\*3243150 \*      \*3243140 \*      \*3243130 \*      \*3243120 \*      \*3243110 \*      \*3243100 \*      \*3243090 \*      \*3243080 \*

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

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

- lys - asn - arg - his - ala - pro - asn - val - ala - met - lys - val - ser - cys -

- lys - thr - gly - thr - pro - arg - thr - leu - pro -

-----] NC\_000913.exuT

\*3243070 \*      \*3243060 \*      \*3243050 \*      \*3243040 \*      \*3243030 \*      \*3243020 \*      \*3243010 \*      \*3243000 \*

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

- fMet - asn - glu - ser - ala - ile - cys - ile - pro - ser - thr - tyr - asp - leu - arg - arg - gln - lys - asp - asn - leu - ser - tyr - asn - phe - lys -

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

- fMet - his - ser - val - asp - leu -

-----] ... sd

\*3242990 \*      \*3242980 \*      \*3242970 \*      \*3242960 \*      \*3242950 \*      \*3242940 \*      \*3242930 \*      \*3242920 \*

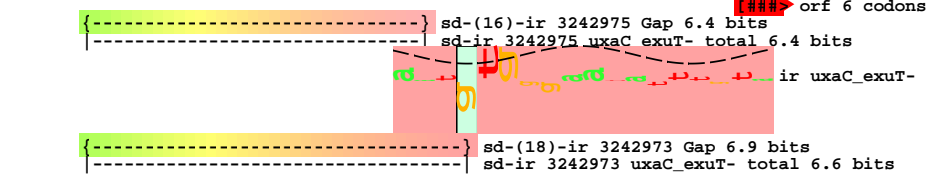
5' a g g t g a g a g c c a t c a c a a a t g t g g g a a t a t t t t g t a g g g a c a t t a c c t g a c g a c a g c a a g g c c a g g c t a c t g g c g c c t g c a 3'

- arg - fMet - trp - glu - tyr - leu -

- gly - glu - ser - his - his - lys - cys - gly - asn - ile - cys - arg - asp - ile - thr -

- fMet - arg - ala - ile - thr - asn - val - gln - ile - phe - val - gly - thr - leu - pro - asp - asp - ser - lys - ala - ser - thr - gly - ala - ala - cys - ser -

sd ir uxaC\_exuT-



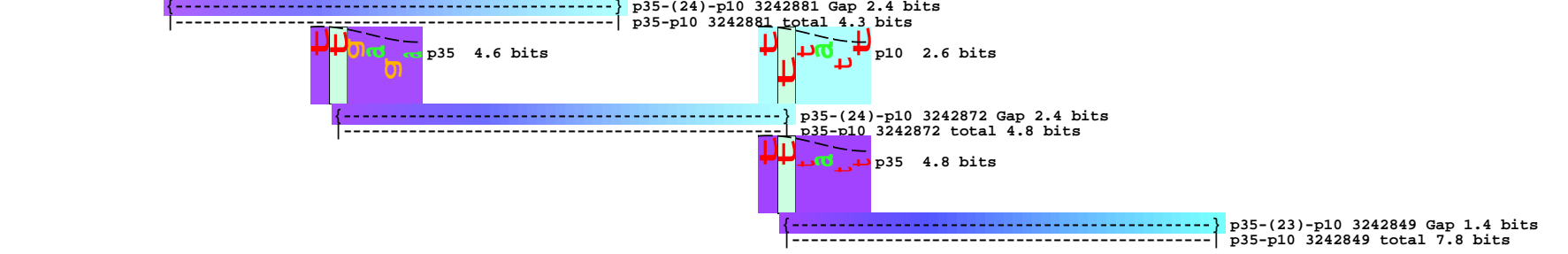
\*3242910 \*      \*3242900 \*      \*3242890 \*      \*3242880 \*      \*3242870 \*      \*3242860 \*      \*3242850 \*      \*3242840 \*

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

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

- glu - ile - tyr - his - phe - glu - ser - asn - phe - phe - asn - tyr - val - tyr -

p35 4.1 bits      p10 2.6 bits      orfs 36 codons      p10 4.5 bits



\*3242830 \*      \*3242820 \*      \*3242810 \*      \*3242800 \*      \*3242790 \*      \*3242780 \*      \*3242770 \*      \*3242760 \*

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

- leu - val -

- fMet - ile - thr - leu - ser - ala - ser - his - his - lys - gln - ala - ser - ser - leu - val - glu - arg - lys - thr - lys - met - thr - pro - phe - met -

sd

-----] ... NC\_000913.uxaC



\*3242750 \*  
5' t g a c t g a 3'  
- - - - -  
- chr -  
... NC\_000913.uxaC  
... ir uxaC\_exuT-

{-----} sd-(10)-ir 3242763 Gap 2.7 bits  
|-----| sd-ir 3242763 uxaC\_exuT- total 12.6 bits