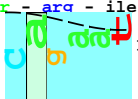


piece 1, NC\_000913, yfgF\_yfgG+, config: linear, direction: +, begin: 2626931, end: 2627331

5' <sup>\*</sup> t a t t t t t a t a t a a g t t g c a t t c a g t t t c a t a g a t g c t c a g c a g a a t c c c c c a c a t c c t g a a g g a g g t g t a t t c a g a c a g g c 3' <sup>\*</sup> 2626940 <sup>\*</sup> 2626950 <sup>\*</sup> 2626960 <sup>\*</sup> 2626970 <sup>\*</sup> 2626980 <sup>\*</sup> 2626990 <sup>\*</sup> 2627000 <sup>\*</sup> 2627010

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

- phe - leu - leu - lys - leu - his - ser - val - ser - fMet - leu - ser - arg - ile - pro - his - ile - leu - lys - glu - val - tyr - ser - asp - arg - his -



-----] NC\_000913.yfgF p10 3.7 bits

-----] p35 6.2 bits

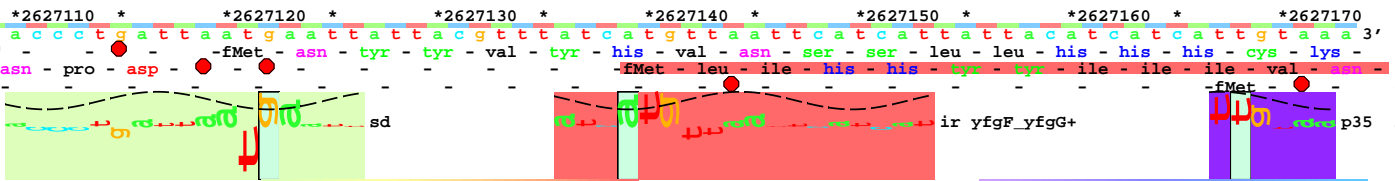
-----] p35-(26)-p10 2626972 Gap 3.7 bits

-----] p35-p10 2626972 total 6.2 bits

5' <sup>\*</sup> a t c c c a c c t g a c t t c g a a t g a t g a t t a t t c a t c a c t a t a g a g a g c a t t g a t t c a a g t g t c a t a t g a a a g t a c c a a t t g a t 3' <sup>\*</sup> 2627020 <sup>\*</sup> 2627030 <sup>\*</sup> 2627040 <sup>\*</sup> 2627050 <sup>\*</sup> 2627060 <sup>\*</sup> 2627070 <sup>\*</sup> 2627080 <sup>\*</sup> 2627090

- pro - thr - fMet - met - ile - ile - his - his - tyr - arg - glu - his - fMet - ile - leu - ser - val - ile - fMet - lys - val - pro - ile - asp -

- pro - thr - fMet - met - ile - ile - his - his - tyr - arg - glu - his - fMet - ile - leu - ser - val - ile - fMet - ser - tyr - glu - ser - thr - asn -



5' <sup>\*</sup> i l e t y r g l n t h r l y s a s n a s n p r o a s p f M e t a s n t y r t y r v a l t y r h i s v a l a s n s e r s e r l e u l e u h i s h i s h i s c y s l y s 3' <sup>\*</sup> 2627100 <sup>\*</sup> 2627110 <sup>\*</sup> 2627120 <sup>\*</sup> 2627130 <sup>\*</sup> 2627140 <sup>\*</sup> 2627150 <sup>\*</sup> 2627160 <sup>\*</sup> 2627170

- ile - tyr - gln - thr - lys - asn - asn - pro - asp - fMet - asn - tyr - tyr - val - tyr - his - val - asn - ser - ser - leu - leu - his - his - his - cys - lys -

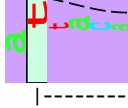
- tyr - ile - lys - gln - asn - asn - pro - asp - fMet - leu - ile - his - his - tyr - tyr - ile - ile - ile - val - fMet -

-----] sd (17)-ir 2627139 Gap 6.5 bits

-----] sd-ir 2627139 yfgF\_yfgG+ total 5.1 bits

-----] p35-(23)-p10 2627179 Gap

-----] p35-(23)-p10 2627191 Gap

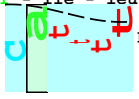
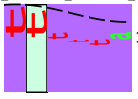


5' <sup>\*</sup> t a a t t a a a t t a a c t t c c a t a a c a t t a a a a t a t g t a t c c a c t g a c g c t t t t t t a c a t a a c g a a g a a t t g a c c a t t t t g t c c t 3' <sup>\*</sup> 2627180 <sup>\*</sup> 2627190 <sup>\*</sup> 2627200 <sup>\*</sup> 2627210 <sup>\*</sup> 2627220 <sup>\*</sup> 2627230 <sup>\*</sup> 2627240 <sup>\*</sup> 2627250

- fMet - tyr - pro - leu - thr - leu - phe - tyr - ile - thr - lys - asn - fMet - thr - ile - leu - ser - cys -

- fMet - tyr - pro - leu - thr - leu - phe - tyr - ile - thr - lys - asn - fMet - thr - ile - leu - ser - cys -

### orf 14 codons



-----] p35-(23)-p10 2627179 Gap 1.4 bits

-----] p10 7.6 bits

-----] p35-(23)-p10 2627245 Gap 1.4 bits

-----] p35-(23)-p10 2627191 Gap 1.4 bits

-----] p35-p10 2627191 total 5.3 bits

-----] p35-p10 2627245 total 4.7 bits

-----] p35-p10 2627179 total 6.7 bits

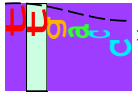
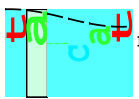
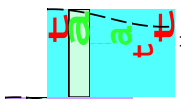
-----] p35-(25)-p10 2627193 Gap 4.0 bits

-----] p35-(23)-p10 2627247 Gap 1.4 bits

-----] p35-p10 2627247 total 4.8 bits

-----] p35-p10 2627193 total 7.1 bits

-----] p35 5.0 bits



-----] p35 2.5 bits

-----] p35-(23)-p10 2627263 Gap

-----] p35-p10 2627263 total 5.2

