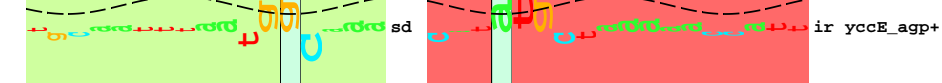


piece 1, NC\_000913, yccE\_agp+, config: linear, direction: +, begin: 1064486, end: 1064827

5' <sup>\*1064490 \*</sup> c t c g a c t a t t t a a a t c g t t a t g c a a t t t a a t g g c a a a g g c a t a t g c t a a a a a c c a t t g t t a t t a g t c t c a c a c t t t t t a t 3'  
 - leu - asp - tyr - leu - asn - arg - tyr - ala - ile - <sup>\*1064500 \*</sup> -fMet - leu - lys - thr - ile - val - ile - ser - leu - thr - leu - phe - tyr - <sup>\*1064510 \*</sup> - <sup>\*1064520 \*</sup> -fMet - leu - leu - val - ser - his - phe - phe - ile - <sup>\*1064530 \*</sup> - <sup>\*1064540 \*</sup> -fMet - leu - leu - val - ser - his - phe - phe - ile - <sup>\*1064550 \*</sup> - <sup>\*1064560 \*</sup> -fMet -



p35 3.0 bits {-----} sd-(10)-ir 1064528 Gap 2.7 bits

|-----| sd-ir 1064528 yccE\_agp+ total 10.4 bits

p10 5.3 bits

{-----} p35-(22)-p10 1064528 Gap 2.3 bits

p35-p10 1064528 total 6.0 bits

p35 4.0 bits

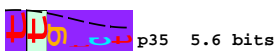
p10 1.7 bits

{-----} p35-(23)-p10 1064540 Gap 1.4 bits  
 p35-p10 1064540 total 4.2 bits

5' <sup>\*1064570 \*</sup> t g g t a a a t a t t g t c t c t g t a a c g c c a g a t a t t c t g t t t a g c c a c a g g t g c a a a t t a t c a g c g g c g t a c g c g a g g 3'  
 - trp - -fMet - ser - leu - tyr - trp - <sup>\*1064580 \*</sup> - <sup>\*1064590 \*</sup> -fMet - gln - leu - ser - ala - ala - tyr - ala - arg - <sup>\*1064600 \*</sup> - <sup>\*1064610 \*</sup> -fMet - gln - leu - ser - ala - ala - tyr - ala - arg - <sup>\*1064620 \*</sup> - <sup>\*1064630 \*</sup> -fMet - gln - leu - ser - ala - ala - tyr - ala - arg - <sup>\*1064640 \*</sup> - <sup>\*1064650 \*</sup> -fMet - gln - leu - ser - ala - ala - tyr - ala - arg -

###> orf 15 codons

p10 2.4 bits



p35 5.6 bits

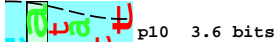
{-----} p35-(25)-p10 1064602 Gap 4.0 bits  
 p35-p10 1064602 total 4.1 bits

5' <sup>\*1064650 \*</sup> c a g g g g c t a a t c a g g c a t a g t t t g c g t c a a a c c t t g c c t g t t t t t g a a g a t g t a t a t a g a a a a c a g g c g t t c a a c a a g c c 3'  
 - gln - gly - leu - ile - arg - his - ser - leu - arg - gln - thr - leu - pro - val - phe - glu - asp - val - tyr - arg - lys - thr - gly - val - gln - gln - ala - <sup>\*1064660 \*</sup> - <sup>\*1064670 \*</sup> -fMet - lys - met - tyr - ile - <sup>\*1064680 \*</sup> - <sup>\*1064690 \*</sup> -fMet - lys - met - tyr - ile - <sup>\*1064700 \*</sup> - <sup>\*1064710 \*</sup> -fMet - lys - met - tyr - ile - <sup>\*1064720 \*</sup> -fMet - lys - met - tyr - ile -

5' <sup>\*1064730 \*</sup> a t t t t g c g a a c c t g t t c c c g g a a a a a g t c a t a t t t c t g t c a c a c t c t t t a g t g a t t g a t a a c a a a a g a g g t g c c a g g a a t 3'  
 - ile - leu - arg - thr - cys - ser - arg - lys - lys - val - ile - phe - leu - ser - his - ser - leu - val - ile - val - ile - asp - asn - lys - arg - gly - ala - arg - asn - <sup>\*1064740 \*</sup> - <sup>\*1064750 \*</sup> -fMet - ile - thr - lys - glu - val - pro - gly - <sup>\*1064760 \*</sup> - <sup>\*1064770 \*</sup> -fMet - ile - thr - lys - glu - val - pro - gly - <sup>\*1064780 \*</sup> - <sup>\*1064790 \*</sup> -fMet - ile - thr - lys - glu - val - pro - gly - <sup>\*1064800 \*</sup> -fMet -



p35 4.2 bits



p10 3.6 bits



sd [--- ... NC\_000913.agp

{-----} p35-(26)-p10 1064759 Gap 3.7 bits

|-----| p35-p10 1064759 total 4.2 bits




... ir

{-----} sd-(9)-ir 1064808 Gap 2.3 bits  
 sd-ir 1064808 yccE\_agp+ total 13

5' <sup>\*1064810 \*</sup> g a a c a a a a c g c t a a t c g c 3'  
 - glu - gln - asn - ala - asn - arg - <sup>\*1064820 \*</sup> - <sup>\*1064830 \*</sup> -fMet - lys - thr - leu - ile -

... NC\_000913.agp

...  ir yccE\_agp+