

piece 1, NC_000913, ytfJ_ytfK+, config: linear, direction: +, begin: 4437256, end: 4437629

5' ^{*4437260 *} g g t g a g t g c c a g a t c t t t g c g t a g g g t c a t g g t g t t c c t t a t g a t a t g c a g g t g a t c c g a c c a c t t g g g t c t g a g t t 3'
 - gly - glu - cys - gln - asn - leu - ala - ● - val - ser - ala - arg - ile - leu - ser - arg - arg - val - met - val - phe - pro - ser - tyr - asp - met - gln - val - ile - arg - pro - leu - gly - ser - glu - phe -
 ● -fMet - pro - glu - ser - cys - val - gly - ser - trp - cys - phe - leu - leu - met - ile - cys - arg - ● -fMet - gly - leu - ser - phe -

...-----] NC_000913.ytfJ ... p35

5' ^{*4437340 *} t t a a t c a t a t g t g c t a t t t a t c g a a t t t c c c g c a a g t g t g a t g c c a g t t t g c g g t c a a g c g c a a a t c a t a t g a a a a t g 3'
 ● -fMet - arg - ser - ser - ala - gln - ile - ile - ● -fMet -
 ● -asn - his - met - cys - tyr - leu - ser - ● -asn - phe - pro - pro - gln - val - ● -fMet - lvs - ● -asn - glu -

... p35 5.7 bits p10 0.4 bits ... ir

-----} p35-(23)-p10 4437360 Gap 1.4 bits

-----} p35-p10 4437360 total 4.6 bits

sd-(5)-ir 4437415 Gap 5.4 bits
 sd-ir 4437415 ytfJ_ytfK+ total 6.5
 ... sd-(9)-ir 4437419 Gap
 ... sd-ir 4437419 ytfJ_ytfK+

5' ^{*4437420 *} a a t g c t t a t a c t g a a g a c c g c g c t t c g g t a a a a a g a t a a t t c t g a a t a a t t g t a a c c t t t a g g t a a a a a a g t t a t a c g c g 3'
 -fMet - leu - ile - leu - lys - thr - ala - leu - arg - ● -fMet - ● -fMet - ●
 ● -cys - leu - tyr - ●

... ir ytfJ_ytfK+ [###] orf 14 codons p35 5.5 bits p10 2.2 bits

-----} p35-(24)-p10 4437492 Gap 2.4 bits

-----} p35-p10 4437492 total 5.3 bits

sd-(9)-ir 4437419 Gap 2.3 bits
sd-ir 4437419 ytfJ_ytfK+ total 5.2 bits

5' ^{*4437500 *} g t g g a a a c a t t g c c c g g a t a g t c t a t a g t c a c t a a g c a t t a a a a t t t g c g c c t a t a a t a g t t g g g c c g a t t g t g g c a c c g 3'
 -fMet - glu - thr - leu - pro - gly - ● -fMet - arg - leu - ile - ile - val - gly - pro - ile - val - ala - pro -
 ● -fMet - gly - arg - leu - trp - his - arg - ●

p35 4.3 bits p10 5.9 bits p10 7.6 bits

-----} p35-(22)-p10 4437523 Gap 2.3 bits
p35-p10 4437523 total 7.9 bits

-----} p35-(21)-p10 4437539 Gap 3.3 bits
p35-p10 4437539 total 5.8 bits

5' ^{*4437580 *} c a c a g g g c t a a t a c t c a g c a g g a g a t a a c a a t g a a a a t t t t c c a a c g g t a 3'
 - his - arg - arg - asn - thr - gln - gln - glu - ile - thr - met - lys - ile - phe - glu - arg -
 - thr - gly - val - ile - leu - ser - arg - arg - ●

sd [-----] ... NC_000913.ytfK

