

piece 1, NC_000913, yibI_mtlA+, config: linear, direction: +, begin: 3769738, end: 3770323

5' ^{*3769740 *} c a c t c c c a a c g c g a a a t a g t t t a g a a a c a t a t c t g c c t c g g a t t c a c g t t t a t c a g t g t t g t t g g c t g g c a g c c a g a 3'

- his - ser - gln - arg - glu - ile - val - ^{*3769750 *} - ^{*3769760 *} - ^{*3769770 *} - ^{*3769780 *} - ^{*3769790 *} - ^{*3769800 *} - ^{*3769810 *} -fMet - leu - phe - leu - gly - trp - gln - pro - glu -

- thr - pro - asn - ala - lys - ^{*3769750 *} - ^{*3769760 *} - leu - glu - thr - tyr - leu - pro - arg - ile - his - val - tyr - gln - cys - cys - phe - trp - ala - gly - ser - gln - lys -

... p35 3.1 bits

-----] NC_000913.yibI
 {-----} ... p35-(26)-p10 3769835 Gap
 -----} ... p35-p10 3769835 total 4.6

5' ^{*3769820 *} a g g g a g t c a g g c t g a t a t t t t g a c a a t a a t c c g g g t t c g c g a t t c t c g c c a t a a c a c c a a a g a a t a a t t t t t a g a g g t g a t 3'

- gly - ser - gln - ala - asp - ile - leu - thr - ile - ile - arg - val - arg - asp - ser - arg - his - asn - thr - lys - glu - ^{*3769880 *} -fMet - met -

- gly - val - arg - leu - ile - phe - ^{*3769830 *} - ^{*3769840 *} - ^{*3769850 *} - ^{*3769860 *} - ^{*3769870 *} - ^{*3769880 *} - ^{*3769890 *} -

p10 5.2 bits p10 1.9 bits

-----} p35-(26)-p10 3769835 Gap 3.7 bits
 -----} p35-p10 3769835 total 4.6 bits

-----} p35 6.4 bits
 -----} p35-(21)-p10 3769860 Gap 3.3 bits
 -----} p35-p10 3769860 total 5.0 bits

5' ^{*3769900 *} g a g t t g c t t a g t t a c a t a c g a t t g t a t g a c g a a g g c a t a a c a t g c t g t a g a t c a c a t c a g g t g a a c g c c g t a a g a a a t a 3'

-fMet - leu - ser - tyr - ile - thr - ile - val - ^{*3769930 *} -fMet - leu - ^{*3769940 *} -fMet - leu -

- ser - cys - leu - val - thr - ^{*3769920 *} -fMet - tyr - asp - glu - gly - ile - thr - cys - cys - arg - ser - his - gln - val - asn - ala - val - arg - lys - tyr -

p35 5.3 bits p10 2.2 bits ir yibI_mtlA+

sd [###] orf 3 codons
 -----} sd-(7)-ir 3769942 Gap 3.7 bits
 -----} sd-ir 3769942 yibI_mtlA+ total 6.6 bits
 -----} p35-(22)-p10 3769926 Gap 2.3 bits
 -----} p35-p10 3769926 total 5.2 bits

5' ^{*3769990 *} t c t t g t g a t t c a g a t c a c a a a g a t t c a a c a a a c c a t c a a a a c a a a a a t g t a c a c t a c t c a c a t t t a a a t g c c a t t t t a g 3'

- leu - val - ile - gln - ile - thr - lys - ile - gln - gln - thr - ile - lys - thr - lys - met - ^{*3770030 *} -fMet - thr - leu - leu - thr - phe - lys - cys - his - phe -

-fMet - ^{*3770040 *} -fMet - pro - phe - leu - ala -

5' ^{*3770070 *} c g a a a a t c g c c g c c t t g t t g c t t t t t a c a c a a g c g t t t t g t g a t g a a c g t c a c g t c a a t t a c c t c t c t a c c c c c t a t a t t 3'

- lys - ile - ala - ala - leu - leu - leu - phe - tyr - thr - ser - val - leu - ^{*3770100 *} -fMet - met - asn - val - thr - ser - ile - thr - ser - leu - pro - pro - ile - phe -

sd ir yibI_mtlA+

-----} sd-(10)-ir 3770105 Gap 2.7 bits
 -----} sd-ir 3770105 yibI_mtlA+ total 5.9 bits

5' ^{*3770150 *} t a t g t g a t t g a t a t c a c a c a a a a g g c o g t c g a c t g g a c a g t t a a c c g a t t c a g t g c c a g a t t t c g c a g t a t c t a c a a g g t c 3'

-fMet - ile - asp - ile - thr - gln - lys - ala - val - asp - trp - thr - val - asn - arg - phe - ser - ala - arg - phe - arg - ser - ile - tyr - lys - val -

- met - ^{*3770160 *} -fMet - ile - ser - his - lys - arg - pro - ser - thr - gly - gln - leu - thr - ^{*3770180 *} -fMet - ser - val - pro - asp - phe - ala - val - ser - thr - arg - ser -

[###] orf 15 codons p35 4.3 bits p10 1.8 bits

