piece 1, NC_000913, yicJ_selC-, config: linear, direction: -, begin: 3834274, end: 3833933
*3834270 *3834260 *3834250 *3834240 *3834230 *3834220 *3834210 *3834200 *
5′ c a g c c g c c t c a c c g g a g a c g a c g a t c t t c c g c g c c t c g a t t g c t a c a t g g a g g c g g g g c g c a t t a t a g c t a c t t c c t t g a g 3′
- gln - pro - pro - his - arg - arg - arg - arg - ser - ser - ala - pro - arg - leu - leu - his - gly - gly - gly - ala - his - tyr - ser - tyr - phe - leu - glu -
- ser - arg - leu - thr - gly - asp - asp - asp - leu - pro - arg - leu - asp - cys - tyr - met - glu - ala - gly - arg - ile - ile - ala - thr - ser - leu - ser -
- ala - ala - ser - pro - glu - thr - thr - ile - phe - arg - ala - ser - ile - ala - thr - trp - arg - arg - gly - ala - leu -
p35 5.2 bits
p10 4.2 bits
} p35-(21)-p10 3834213 Gap 3.3 bits
| p35-p10 3834213 total 6.1 bits
p10 1.6 bits
} p35-(24)-p10 3834210 Gap 2.4 bits
| p35-p10 3834210 total 4.4 bits
*3834190 *3834180 *3834170 *3834160 *3834150 *3834140 *3834130 *3834120 *
5′ t t t c t a c a t c c c c c a g a t c a g t t t t t t c c g c c t a a t a c a c g c a g c g t a t t a t c a c g a a a g c a t t a t a g t t c a t a t a a a a c c 3′
- phe - leu - his - pro - pro - asp - gln - phe - phe - pro - pro - asn - thr - arg - ser - val - leu - ser - arg - lys - his - tyr - ser - ser - tyr - lys - thr -
- phe - tyr - ile - pro - gln - ile - ser - phe - phe - arg - leu - ile - his - ala - ala - tyr - tyr - his - glu - ser - ile - ile - val - his - ile - lys - pro -
p35 4.3 bits
p10 7.1 bits
p35 1.6 bits
} p35-(22)-p10 3834146 Gap 2.3 bits
| p35-p10 3834146 total 9.0 bits
... p35-(26)-p10 38341
... p35-(22)-p10 38341
... p35-p10 3834109 to
p35 0.9 bits
... p35-p10 3834104 to
*3834110 *3834100 *3834090 *3834080 *3834070 *3834060 *3834050 *3834040 *
5′ c a t a t t t t a c a a t g a t a t a t g a g c g g a a t t a a c g c t a c c a c g a t c a c a t a a a a c a a g a a t c a t a a a t t a a t a a c c a g a t a t 3′
- his - ile - leu - gln - fMet - ser - gly - ile - asn - ala - thr - thr - ile - thr -
- ile - phe - tyr - asn - asp - ile -
fMet - ile - tyr - glu - arg - asn -
p10 5.2 bits
ir yicJ_selC-
[###> orf 11 codons
sd
... } p35-(26)-p10 3834104 Gap 3.7 bits
... } p35-(22)-p10 3834109 Gap 2.3 bits
... | p35-p10 3834109 total 4.5 bits
} sd-(5)-ir 3834094 Gap 5.4 bits
... | p35-p10 3834104 total 4.1 bits
| sd-ir 3834094 yicJ_selC- total 6.4 bits
p10 6.9 bits
*3834030 *3834020 *3834010 *3834000 *3833990 *3833980 *3833970 *3833960 *
5′ c g g a a t a t t c g c t c t c a c a g g g a t g g t t t a c a a a a t g c g t t a t c g g t c t c a g c a c c c c t a t a g c a t c a a g g a a a a g c a g a t 3′
fMet - val - tyr - lys - met - arg - tyr - arg - ser - gln - his - pro - tyr - ser - ile - lys - glu - lys - gln - met -
sd
[--- ... NC_000913.yicJ
... ir

{----------} sd-(9)-ir 3833952 Gap
|----------| sd-ir 3833952 yicJ_se
*3833950 *
*3833940 *
5' g a a g a g t g a a g t g t t g t c 3'
- lys - ser - glu - val - leu -
- -fMet - lys - cys - cys -
... ... NC_000913.yicJ
... ir yicJ_selC-