piece 1, NC_000913, yigE_corA+, config: linear, direction: +, begin: 3999050, end: 3999468
*3999050 *3999060 *3999070 *3999080 *3999090 *3999100 *3999110 *3999120 *3999130
5' t c c t t t a c c a a t g a g t a g c t g a t g c g c c a t t a t a g g t c c t g g a t g t g g g a t t t t t t t a t c c t g t t a g c g a c c t t g a c g a g t 3'
- ser - phe - thr - asn - glu - -fMet - arg - his - tyr - arg - ser - trp - met - trp - asp - phe - phe - ile - leu - leu - ala - thr - leu - thr - ser -
- pro - leu - pro - met - ser - ser - -fMet - gly - phe - phe - tyr - pro - val - ser - asp - leu - asp - glu - tyr -
- leu - tyr - gln -
...] NC_000913.vigE
p35 4.1 bits
ir yigE_corA+
sd
p10 4.2 bits
sd-(9)-ir 3999071 Gap 2.3 bits
sd-ir 3999071 yigE_corA+ total 5.7 bits
p35-(24)-p10 3999078 Gap 2.4 bits
p35-p10 3999078 total 5.9 bits
*3999140 *3999150 *3999160 *3999170 *3999180 *3999190 *3999200 *3999210
5' a c c a a a a a g c g c g a a g t t c a a c t a t t g t t c t g t g g t g t t c t g t t g a c g g c a a a a t t t t g c t g g c g t a a c a t g c g 3'
- thr - lys - lys - arg - glu - val - gln - leu - leu - phe - cys - gly - val - leu - leu - arg - val - asp - gly - lys - ile - leu - leu - ala -
- -fMet - val - phe - cys - cys - val - leu - thr - ala - lys - phe - cys - trp - arg - asn - met - arg -
- gln - lys - ala - arg - ser - ser - thr - ile - val - leu - trp - cys - ser - val - ala - cys -
p35 2.6 bits
p10 4.7 bits
[###> orf 45 codons
p35-(21)-p10 3999188 Gap 3.3 bits
p35-p10 3999188 total 4.1 bits
p35 5.5 bits
p10 5.6 bits
p35-(23)-p10 3999204 Gap 1.4 bits
p35-p10 3999204 total 9.6 bits
*3999220 *3999230 *3999240 *3999250 *3999260 *3999270 *3999280 *3999290
5' c g c a c g a t c a c t c t a a g a g g a c a t t c g c c t t g g a c a c a c c c a g t a g a t a c t g g c t c a c t a t c c t g t c a t c c a g g a t c a a c t 3'
- ala - arg - ser - leu -
-fMet - asp - thr - pro - ser - arg - tyr - trp - leu - thr - ile - leu - ser - ser - arg - ile - asn - ser -
*3999300 *3999310 *3999320 *3999330 *3999340 *3999350 *3999360 *3999370
5' c c t a a g g c t a t c c c t t t t t g c t g a t a g c c t t a g c g g t t g t c a g c g a c c t c a a t t t t t c c c g t c g c g c t g a g t c a g g c t g t t 3'
-fMet - ser - ala - thr - ser - ile - phe - pro - val - ala - leu - ser - gln - ala - val -
-fMet - leu - ile - ala - leu - ala - val - val - ser - asp - leu - asn - phe - ser - arg - arg - ala - glu - ser - gly - cys - leu -
p35 3.8 bits
... p10
p35-(25)-p10 3999373 Ga
p35-p10 3999373 total 4
*3999380 *3999390 *3999400 *3999410 *3999420 *3999430 *3999440 *3999450
5' t a a t g g t c t g a a a c c c a a t t t g t t t c t g t g t g c c c a c c g a a c t g t c c g a t a t t t t a a g c a t t g g g a g t c c c g g t c a t g c t g 3'
-fMet - cys - pro - pro - asn - cys - pro - ile - phe - -fMet - gly - val - pro - val - met - leu -
-fMet - phe - leu - cys - ala - his - arg - thr - val - arg - tyr - phe - lys - his - trp - glu - ser - arg - ser - cys -
- met - val -
-fMet - pro - thr - glu - leu - ser - asp - ile - leu - ser - ile - gly - ser - pro - gly - his - ala - glu -
... p10 4.5 bits
sd
[---------- ... NC_000913.corA
p35 4.7 bits
... ir
sd-(11)-ir 3999449 Gap 3.0 bits
sd-ir 3999449 yigE_corA+ total 5.
p10 2.5 bits

{---------- p35-(23)-p10 3999449 Gap 1.4
|---------- p35-p10 3999449 total 5.7 bit
* *3999460 *
5′ a g c g c a t t t c a a c t 3′
- ser - ala - phe - gln -
- - - - -
- arg - ile - ser - thr -
... ---------- ... NC_000913.corA
...ir yigE_corA+