

piece 1, NC_000913, yfhr_csiE-, config: linear, direction: -, begin: 2663486, end: 2663247

* 2663480 * 2663470 * 2663460 * 2663450 * 2663440 * 2663430 * 2663420 * 2663410

5' g a c a g a t g g t g g a g c a a g c g t a g g c a t c a t c t g t a g a t c c c c a t a a g c a t a a t t g a t a a g a a t a g c t a a g t t t g c t c a a 3'

- asp - arg - trp - trp - ser - lys - arg - arg - his - his - leu - leu - leu - asp - lys - asn - ser - - -fMet - leu - lys -

- thr - asp - gly - gly - ala - ser - val - gly - ile - ile - cys - arg - ser - pro - ile - ser - ile - ile - -fMet - ile - arg - ile - ala - lys - val - cys - ser - arg -

- gln - met - val - glu - gln - ala - -

-----] NC_000913.csiE ... sd

* 2663400 * 2663390 * 2663380 * 2663370 * 2663360 * 2663350 * 2663340 * 2663330 *

5' g g a a a t g g c g a a g g g a a t g c t a a t c a t c a g a a a t g t t g g c a a g c g t c a c a g a a t t t t t t c t c a t c t t a a a c t g t t c t g a c c a 3'

- glu - met - ala - lys - gly - met - leu - ile - ile - arg - asn - val - gly - lys - arg - his - arg - ile - phe - leu - ile - leu - leu - asn - cys - ser - asp - gln -

- lys - trp - arg - arg - glu - cys - -fMet - leu - ala - ser - val - thr - glu - phe - phe - ser - ser -

ir yfhr_csiE- p35 1.2 bits

{-----} sd-(9)-ir 2663389 Gap 2.3 bits

{-----} sd-ir 2663389 yfhr_csiE- total 7.2 bits

{-----} p35-(23)-p10 2663317 Gap

{-----} p35-p10 2663317 total 4.3

* 2663320 * 2663310 * 2663300 * 2663290 * 2663280 * 2663270 * 2663260 * 2663250

5' g t g g a t t a g c a t g t c t t a a g g t g g t t t t g t g a a t g a t t a t c g t g c t a g c g a t c a t g g g t t a g t t c t g c g g a t t c a a c g 3'

-fMet - asp - trp - ile - ser - met - ser - -fMet - val - leu - fMet - asn - asp - tyr - arg - ala - ser - asp - his - gly - leu - val - leu - arg - ile - gln -

- - - -fMet - ile - ile - val - leu - ala - ile - met - gly - -

ir yfhr_csiE- orf 28 codons

NC_000913.yfhr

{-----} p35-(23)-p10 2663317 Gap 1.4 bits

ir yfhr_csiE- orf 10 codons

-----| p35-p10 2663317 total 4.3 bits

-----| p35 3.7 bits

-----| p10 2.3 bits

sd {-----} p35-(23)-p10 2663274 Gap 1.4 bits

-----| p10 4.5 bits

-----| sd-(8)-ir 2663296 Gap 2.4 bits

-----| sd-ir 2663296 yfhr_csiE- total 7.6 bits

-----| sd-(12)-ir 2663292 Gap 4.0 bits

-----| sd-ir 2663292 yfhr_csiE- total 7.3 bits

-----| p35-p10 2663274 total 4.6 bits