

piece 1, NC_000913, yncH_rhsE-, config: linear, direction: -, begin: 1525955, end: 1525157

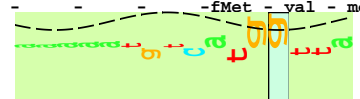
5' ^{*1525950 *} ^{*1525940 *} ^{*1525930 *} ^{*1525920 *} ^{*1525910 *} ^{*1525900 *} ^{*1525890 *} ^{*1525880 *} 3'

- ala - phe - thr - gly - met - ala - glu - gly - gly - fMet - ser - trp - leu -

- pro - ser - leu - val - trp - leu - arg - val - val - lys - arg - val - asp - ile - trp - arg - tyr - arg - gly - ile - ser - glu - lys - cys - his - gly - tyr -

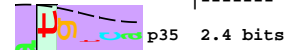
- leu - his - trp - tyr - gly - fMet - val - met -

-----] NC_000913.rhsE



... sd

sd-(8)-ir 1525870 Gap
sd-ir 1525870 yncH_rhsE-



p35 2.4 bits

p35-(22)-p10 1525863 Gap
p35-p10 1525863 total 4.2

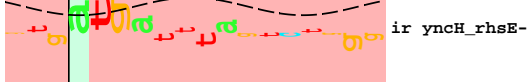
5' ^{*1525870 *} ^{*1525860 *} ^{*1525850 *} ^{*1525840 *} ^{*1525830 *} ^{*1525820 *} ^{*1525810 *} ^{*1525800 *} 3'

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

- val - met - ile -

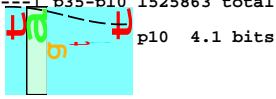
sd [###> orf 3 codons

sd-(8)-ir 1525870 Gap 2.4 bits
sd-ir 1525870 yncH_rhsE- total 5.9 bits



ir yncH_rhsE-

p35-(22)-p10 1525863 Gap 2.3 bits
p35-p10 1525863 total 4.2 bits



p10 4.1 bits

5' ^{*1525790 *} ^{*1525780 *} ^{*1525770 *} ^{*1525760 *} ^{*1525750 *} ^{*1525740 *} ^{*1525730 *} ^{*1525720 *} 3'

- gly - ser - arg - arg - tyr - ser - arg - gln - ala - arg - thr - leu - gln - arg - val - ile - lys - asn - leu - ile - cys - lys - val - lys - pro - ile - phe -

- fMet - gln - ser - gln - thr - asn - ile - his -

p35 3.0 bits

... p10

p35-(21)-p10 1525712 Gap
p35-p10 1525712 total 5.2
p35-(23)-p10 1525710 Gap
p35-p10 1525710 total 5.3

5' ^{*1525710 *} ^{*1525700 *} ^{*1525690 *} ^{*1525680 *} ^{*1525670 *} ^{*1525660 *} ^{*1525650 *} ^{*1525640 *} 3'

- ile - met - ser - phe - tyr - ser - gln - gln - fMet - lys - fMet - met - val - cys - ile - arg - asn - ile - arg -

- asn - val - phe - leu - phe - thr - thr - ile - asn - asn - ser - ile - thr - ile - ile - glu - met - asn - asp - gly - leu - tyr - lys - glu - tyr - thr - leu -

p10 5.5 bits

p10 4.6 bits

p35 6.4 bits

p10 2.2 bits

p35-(21)-p10 1525712 Gap 3.3 bits

p10 3.0 bits

p35-(26)-p10 1525640 Gap 3.7 bits

p35-p10 1525712 total 5.2 bits

p35-p10 1525640 total 5.0 bits

p35-(23)-p10 1525710 Gap 1.4 bits

p35 0.5 bits

... p35-p10 1525710 total 5.3 bits

{-----} ... p35-(23)-p10 1525614 Gap

p10 3.8 bits

|-----} ... p35-p10 1525614 total 4.7

p35 2.5 bits

{-----} p35-(23)-p10 1525685 Gap 1.4 bits

p35-p10 1525685 total 5.7 bits

p35 4.8 bits

{-----} p35-(22)-p10 1525680 Gap 2.3 bits

p35-p10 1525680 total 5.5 bits

*1525630 * *1525620 * *1525610 * *1525600 * *1525590 * *1525580 * *1525570 * *1525560 *

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

- tyr - arg - pro - thr - leu - ile - thr - - - - - fMet - asp - ile - ser - asn -

- pro - pro - his - pro - asp - asn - met - ile - cys - thr - leu - pro - ser - - - - -

p10 5.6 bits

p35 6.1 bits

p10 2.6 bits

{-----} p35-(25)-p10 1525573 Gap 4.0 bits

p35-p10 1525573 total 4.7 bits

p35 3.5 bits

{-----} p35-(23)-p10 1525614 Gap 1.4 bits

{-----} p35-p10 1525614 total 4.7 bits

{-----} ... p35-(24)-p10 1525538 Gap

{-----} ... p35-p10 1525538 total 4.8

{-----} ... p35-(25)-p10 1525537 Gap

{-----} ... p35-p10 1525537 total 5.2

*1525550 * *1525540 * *1525530 * *1525520 * *1525510 * *1525500 * *1525490 * *1525480 * *1525470

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

- fMet - asn - ile - ile - ser - lys - - - - - fMet - thr - thr - pro - pro - arg - gly - pro - phe -

p10 3.7 bits

p10 8.4 bits

fMet - thr - thr - pro - pro - arg - gly - pro - phe -

ir yncH_rhsE-

p10 5.7 bits

sd

p35 4.8 bits

p35 1.6 bits

{-----} sd-(7)-ir 1525494 Gap 3.7 bits

{-----} p35-(22)-p10 1525520 Gap 2.3 bits |-----} sd-ir 1525494 yncH_rhsE- total 7.1 bits

{-----} p35-(24)-p10 1525538 Gap 2.4 bits

p10 4.6 bits

{-----} p35-p10 1525538 total 4.8 bits

{-----} p35-(23)-p10 1525497 Gap 1.4 bits

{-----} p35-(25)-p10 1525537 Gap 4.0 bits

{-----} p35-p10 1525537 total 5.2 bits |-----} p35-p10 1525497 total 4.7 bits

{-----} p35-p10 1525520 total 10.9 bits

* *1525460 * *1525450 * *1525440 * *1525430 * *1525420 * *1525410 * *1525400 * *1525390

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

- fMet - - - - - fMet - pro - asp - asp - leu - ala - ser - val - val - arg - val - pro - asp - ala - leu - phe - pro - lys - trp -

- pro - lys - his - cys - thr - thr - thr - trp - cys - arg - met - ile - leu - leu - gln - trp - - - - - fMet - his - cys - ser - gln - asn - gly -

orf 26 codons

