

piece 1, NC_000913, yncD_yncE+, config: linear, direction: +, begin: 1521060, end: 1521350

*1521060 * *1521070 * *1521080 * *1521090 * *1521100 * *1521110 * *1521120 * *1521130 * *1521140

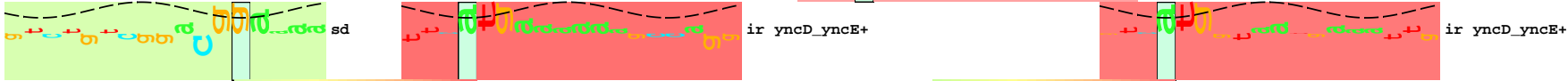
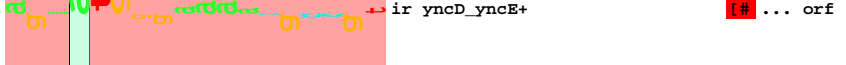
5' a a c g g t c t g t c g g a c g g a a a a a t c t t c a t g a a a a a g c c a g g t t a a g a a t g g g a a a a c g c c g t c a t g g t a a t g a a a t g t 3'

- asn - gly - leu - ser - asp - gly - lys - asn - leu - his - glu - lys - ser - gln - val - lys - asn - gly - lys - thr - pro - ser - trp - fMet - val - met - lys - leu - val -

- thr - val - cys - arg - thr - glu - lys - ile - phe - met - lys - lys - ala - arg - leu - arg - met - gly - lys - arg - arg - his - gly - asn - glu - ile - val -

- arg - ser - val - gly - arg - lys - lys - ser - ser - fMet - val - met - lys - leu -

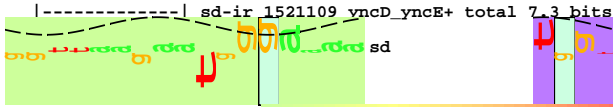
...] NC_000913.yncD



{-----} sd-(12)-ir 1521088 Gap 4.0 bits
sd-ir 1521088 yncD_yncE+ total 7.8 bits

{-----} sd-(12)-ir 1521125 Gap 4.0 bits
sd-ir 1521125 yncD_yncE+ total 8.5 bits

{-----} sd-(7)-ir 1521109 Gap 3.7 bits



sd-ir 1521109 yncD_yncE+ total 7.3 bits

{-----} sd-(18)-ir 1521131 Gap 6.9 bits
sd-ir 1521131 yncD_yncE+ total 7.2 bits

{-----} p35-(24)-p10 1521151 Gap
p35-p10 1521151 total 4.6



{-----} p35-(26)-p10 1521164 Gap
p35-p10 1521164 total 5.9

*1521150 * *1521160 * *1521170 * *1521180 * *1521190 * *1521200 * *1521210 * *1521220

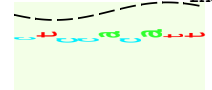
5' a a a t t t a t g g a a a a t g a a a c g g c a c a a a t a c g t t a a g t a a t t g a g a a a a t t g t a g t c g t a a c g g c a a g a a a t g c t c c a c a t t 3'

- fMet - glu - glu - thr - ala - glu - tyr - val - lys - fMet - arg - lys - leu - fMet - arg - lys - leu - his - ile -

- asn - leu - trp - lys - met - lys - arg - his - thr - leu - ser - fMet -

... ##> orf 6 codons

###> orf 32 codons



###> orf 11 codons

{-----} sd-(4)-ir 1521154 Gap 9.3 bits
sd-ir 1521154 yncD_yncE+ total 7.8 bits

... ir yncD_yncE+

p10 4.1 bits

... sd

p10 3.6 bits

p10 3.1 bits

{-----} sd-(8)-ir 1521147 Gap 2.4 bits
sd-ir 1521147 yncD_yncE+ total 7.1 bits

...]

p35 3.8 bits

p35-(24)-p10 1521169 Gap 2.4 bits

sd

p35-(24)-p10 1521151 Gap 2.4 bits

p35-p10 1521151 total 4.6 bits

p35 5.5 bits

p35-(26)-p10 1521164 Gap 3.7 bits

p35-p10 1521164 total 5.9 bits

p35-p10 1521169 total 4.5 bits

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

^{*}1521230 ^{*}1521240 ^{*}1521250 ^{*}1521260 ^{*}1521270 ^{*}1521280 ^{*}1521290 ^{*}1521300

-fMet - ile - thr - ile - pro - ile - tyr - ~~met~~ - lys - ser - val - thr - met - ile - thr - leu - ser - glu - ala - leu - ~~met~~ - lys - gln - gln -

arg - lys

sd

sd

ir yncD_yncE+

orf 21 codons

ir yncD_yncE+

sd-(10)-ir 1521268 Gap 2.7 bits

sd-(7)-ir 1521232 Gap 3.7 bits

sd-ir 1521268 yncD_yncE+ total 9.5 bits

sd-ir 1521232 yncD_yncE+ total 6.2 bits

p10 3.9 bits

p35 4.7 bits

p35-(25)-p10 1521274 Gap 4.0 bits

p35-p10 1521274 total 4.6 bits

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

^{*}1521310 ^{*}1521320 ^{*}1521330 ^{*}1521340 ^{*}1521350

- lys - tyr - arg - phe - ile - lys - gly - ser - arg - his - ala - phe - thr - ser - ser - val -

-fMet - his - leu - arg - his - leu -

sd

ir yncD_yncE+

sd-(8)-ir 1521331 Gap 2.4 bits

sd-ir 1521331 yncD_yncE+ total 10.9 bits

... NC_000913.yncE