

piece 1, NC_000913, yncL_ydcX-, config: linear, direction: -, begin: 1515442, end: 1515199

*1515440 * *1515430 * *1515420 * *1515410 * *1515400 * *1515390 * *1515380 * *1515370 *

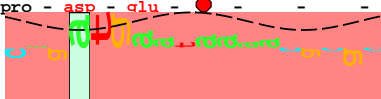
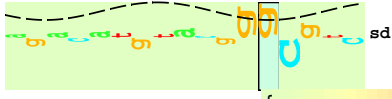
5' a a a a c a a g c a t g t g t t g a t a g a g a g a c a t g t a c g g g c g t c c a g c c a g a t g a a t a a a a c g c g c g c a a a t a t g c g t c a t t t t 3'

- lys - asn - lys - his - val - leu - ile - glu - arg - his - val - arg - ala - ser - ser - gln - met - asn - lys - thr - arg - ala - asn - met - arg - his - phe -

- lys - thr - ser - met - cys - ● - ● - fMet - tyr - gly - arg - pro - ala - arg -

- lys - gln - ala - cys - val - asp - arg - glu - thr - cys - thr - gly - val - gln - pro - asp - glu -

... -----] NC_000913.ydcX ir yncL_ydcX-



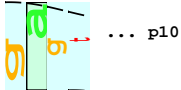
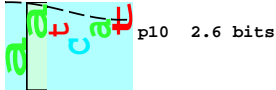
{-----} sd-(12)-ir 1515394 Gap 4.0 bits
 {-----} sd-ir 1515394 yncL_ydcX- total 5.8 bits

*1515360 * *1515350 * *1515340 * *1515330 * *1515320 * *1515310 * *1515300 * *1515290 *

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

- leu - thr - cys - ile - lys - phe - phe - his - gln - phe - glu - lys - lys - ser - ser - asn - ser - asn - leu - pro - leu - ser - ile - phe - arg - met - ser -

- fMet - his - gln - val - phe - ser - pro - val - ● - fMet - arg - lys - asn - his - gln - thr - ala - thr - cys - pro - tyr - pro - ser - ser - glu - ● -



{-----} p35-(22)-p10 1515323 Gap 2.3 bits

|-----} p35-p10 1515323 total 4.2 bits

{-----} p35-(23)-p10 1515283 Gap 1.4 bits
 {-----} p35-p10 1515283 total 4.4 bits
 {-----} ... p35-(26)-p10 1515280 Gap ...
 {-----} ... p35-p10 1515280 total 8.0

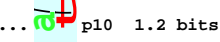
*1515280 * *1515270 * *1515260 * *1515250 * *1515240 * *1515230 * *1515220 * *1515210 * *1515200 *

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

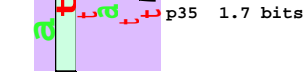
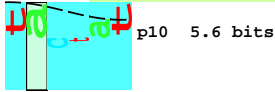
- ile - ile - ala - asp - phe - leu - asn - pro - tyr - tyr - thr - his - arg - gly - asn - asp - lys - arg - trp - gln - lys - ● - fMet - phe - pro - val - glu -

- fMet - arg - ile - phe - leu - ● - thr - arg - thr - ile - his - ile - ile - gly - ala - met - ile - ● - lys - gly - gly - lys - asn - glu - cys - phe - gln - ● -

- fMet - ala - lys - met - ● - val - ser - ser - arg -



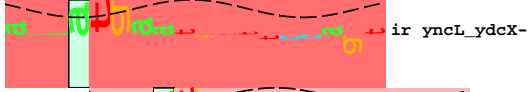
[###] orf 60 codons



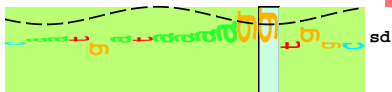
{-----} sd-(13)-ir 1515227 Gap 4.6 bits

|-----} sd-ir 1515227 yncL_ydcX- total 6.2 bits

... } p35-(26)-p10 1515280 Gap 3.7 bits



... | p35-p10 1515280 total 8.0 bits



{-----} p35-(24)-p10 1515255 Gap 2.4 bits
 {-----} p35-p10 1515255 total 4.9 bits

{-----} sd-(9)-ir 1515218 Gap 2.3 bits
 {-----} sd-ir 1515218 yncL_ydcX- total 12.6 bits
 {-----} sd-(13)-ir 1515214 Gap 4.6 bits
 {-----} sd-ir 1515214 yncL_ydcX- total 6.5 bits

5' c 3'