piece 1, NC_000913, ynfN_PAIR4b+, config: linear, direction: +, begin: 1636104, end: 1636370
*1636110 *1636120 *1636130 *1636140 *1636150 *1636160 *1636170 *1636180
5′ t g t t t t t t c g c c a t t t g g a t a t t c a c g c a t g a t g g t g t t a a c t c c a g t c a t c g c t g g c a c t a c c a c t g c t g g t t c a g a g t t 3′
- cys - phe - phe - ala - ile - trp - ile - phe - thr - his - asp - gly - val - asn - ser - ser - his - arg - trp - his - tyr - his - cys - trp - phe - arg - val -
- val - phe - ser - pro - phe - gly - tyr - ser - arg - met - met - val - leu - thr - pro - val - ile - ala - gly - thr - thr - thr - ala - gly - ser - glu - leu -
- phe - phe - arg - his - leu - asp - ile - his - ala -
...] NC_000913.vnfN
sd
ir ynfN_PAIR4b+
p35 3.7 bits {} sd-(11)-ir 1636132 Gap 3.0 bits
| sd-ir 1636132 ynfN_PAIR4b+ total 5.0 bits
p10 3.6 bits
{} p35-(23)-p10 1636132 Gap 1.4 bits
| p35-p10 1636132 total 5.9 bits
*1636190 *1636200 *1636210 *1636220 *1636230 *1636240 *1636250 *1636260 *
5′ a a a a a a a c t a t g a t t t t t t t c a t g a t g t t a c c g t a g t a t g t g a g t a t c c a t c g a a t a g a c a c c a a g c a a a a a a g c t c c c g a 3′
- lys - lys - thr - met - ile - phe - phe - met - met - leu - pro - -fMet - ser - ile - his - arg - ile - asp - thr - lys - gln - lys - ser - ser - arg -
- lys - lys - leu - -fMet -
[###> orf 22 codons
p10 5.3 bits
p35 2.6 bits
p10 1.2 bits
{} p35-(24)-p10 1636219 Gap 2.4 bits
| p35-p10 1636219 total 5.4 bits
p35 5.3 bits
{} p35-(24)-p10 1636227 Gap 2.4 bits
| p35-p10 1636227 total 4.1 bits
*1636270 *1636280 *1636290 *1636300 *1636310 *1636320 *1636330 *1636340 *
5′ a g g a g c c t t c a t t t t c a c t t t t t t a a a t c c a a c g a c a g a c g g c t g g c a t t t a a g t a t t g t g a a a t a t t a t c a a a t g t a a t c 3′
- arg - ser - leu - his - phe - his - phe - phe - lys - ser - asn - asp - arg - arg - leu - ala - phe - lys - tyr - cys - glu - ile - leu - ser - asn - val - ile -
-fMet - lys - tyr - tyr - gln - met -
-fMet -
p35 4.1 bits
p10 7.1 bits
... p10
{} p35-(21)-p10 1636331 Gap 3.3 bits
| p35-p10 1636331 total 7.9 bits
p35 3.7 bits
{ ... p35-(24)-p10 16363
| ... p35-p10 1636347 to
*1636350 *1636360 *1636370
5′ a t c a t t g a t t t a c a a a a g a t a c a t 3′
- ile - ile - asp - leu - gln - lys - ile - his -
-fMet - ile - tyr - lys - arg - tyr -
-fMet
... p10 3.5 bits

... } p35-(24)-p10 1636347 Gap 2.4 bits
... | p35-p10 1636347 total 4.7 bits