piece 1, NC_000913, rnk_rna-, config: linear, direction: -, begin: 643449, end: 643171

```
         *        *643440    *         *643430    *         *643420    *         *643410    *         *643400    *         *643390    *         *643380    *         *643370
5' a c c t t t g t g a t t g a t a a a g c g g g t t a t t a a t c a t c t g a t t t a c a a a a c a c g c t a a t t c g t c t t c c a t a a a c c a g g c g a t t 3'
   -   thr - phe - val - ile - asp - lys - ala - gly - tyr -   -   -   -   -   -   -   -   -   -   -   -   -   -   -
   -   pro - leu -   - -fMet - ile - lys - arg - val - ile - asn - his - leu - ile - tyr - lys - thr - arg -   -   -   -   -   -   -   -   -   -
   -   leu - cys - asp -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -
```

p35   5.5 bits   p10   1.0 bits

{---} p35-(23)-p10 643387 Gap 1.4 bits
|---| p35-p10 643387 total 5.1 bits

```
         *        *643360    *         *643350    *         *643340    *         *643330    *         *643320    *         *643310    *         *643300    *         *643290
5' a a g a t t t a t a c a t a a t g c g c t g c a t t g a g g a a t t c c c t g a a t g t g a c g c a a a t c a c t t c a a a g a g t g a g c a a c a g t c a g t a 3'
   -   -   -   -   -   -   -   -fMet - arg - asn - ser - leu - asn -   - -fMet - val - thr - gln - ile - thr - ser - lys - glu - glu - gln - ser - val -
   -   -   -   - -fMet - arg - cys - ile - glu - glu - phe - pro - glu - cys - asp - ala - asn - his - phe - lys - glu -   - ser - asn - ser - gln - tyr -
```

sd   ir rnk_rna-   ... p10

[###> orf 2 codons   p35   1.1 bits

{---------------------} sd-(11)-ir 643328 Gap 3.0 bits   {--} p35-(23)-p10 643288 Gap 1.4 bi
|---------------------| sd-ir 643328 rnk_rna- total 6.1 bits

ir rnk_rna-

{---------------------} sd-(13)-ir 643326 Gap 4.6 bits
|---------------------| sd-ir 643326 rnk_rna- total 8.2 bits |---| p35-p10 643288 total 6.0 bits

```
         *        *643280    *         *643270    *         *643260    *         *643250    *         *643240    *         *643230    *         *643220    *         *643210
5' t c a t c a t g t g a g t t a a a c c c t c g c g c g c c t g a c g g t g a g g g t t t t c t t t t g g g t a t g t t t a t c t g c g a c a c t c g c a g c a c c g 3'
   -   ser - ser - cys - glu - leu - asn - pro - arg - arg - leu - thr - val - arg - val - phe - phe - trp - val - cys - leu - ser - ala - thr - leu - ala - ala - pro -
   -   his - his - val - ser -   -   -   -   -   -   -   -   -   -   - -fMet - gly - met - phe - ile - cys - asp - thr - arg - ser - thr - asp -
   -   -   - -fMet -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -
```

... p10   6.3 bits   ... sd

```
         *        *643200    *         *643190    *         *643180    *
5' a c g a c a t g g a g t a a a a a t g t c c a g a c c a a c t a t c a t 3'
   -   thr - thr - trp - ser - lys - asn - val - gln - thr - asn - tyr - his -
   -   -   -   -   - -fMet - ser - arg - pro - thr - ile -
   -   asp - met - glu -   -   -   -   -   -
```

... sd   [-------------------------------------- ... NC_000913.rnk

ir rnk_rna-

{-------------------} sd-(8)-ir 643190 Gap 2.4 bits
|-------------------| sd-ir 643190 rnk_rna- total 9.7 bits

p35   2.6 bits   p10   6.3 bits

{---} p35-(24)-p10 643175 Gap 2.4 bits
|---| p35-p10 643175 total 6.5 bits