piece 1, NC_000913, TERM24_cspB-, config: linear, direction: -, begin: 1639392, end: 1639067

```
        *1639390  *        *1639380  *        *1639370  *        *1639360  *        *1639350  *        *1639340  *        *1639330  *        *1639320  *
5' g c a g c a g c a a a t g t c a t c a t t a c t g a t t a a a a t t c a t c g c t c g t c t g t a t a c g a t a a c g a a g a a g g c t g a t g c c t g a g t a g 3'
   -   ala -   ala -   ala -   asn -   val -   ile -   ile -   thr -   asp -                       -   lys -   ile -   his -   arg -   ser -   ser -   val -   tyr -   asp -   asn -   glu -   glu -   gly -                   -fMet -   pro -   glu -
       ser -   ser -   lys -   cys -   his -   his -   tyr -
```

p35   2.7 bits   p10   5.0 bits   ... sd

{--} p35-(23)-p10 1639342 Gap 1.4 bits
|--| p35-p10 1639342 total 6.2 bits

```
        *1639310  *        *1639300  *        *1639290  *        *1639280  *        *1639270  *        *1639260  *        *1639250  *        *1639240  *
5' a g a t a c g g a c a g a g t a g t g a a t a t t g g a t c t c t t t a a t a a a a a g t a a g g a g g t c c a a t a c a t g a a a c a a t g g c t a g c a t a t 3'
   -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -   fMet -   lys -   gln -   trp -   leu -   ala -   tyr -
                                       -fMet -   asn -   ile -   gly -   ser -   leu -                                                                                         -fMet -   ala -   ser -   ile -   phe -
                                       -fMet -   asp -   leu -   phe -   asn -   lys -   lys -
```

... sd   sd-(9)-ir 1639295 Gap 2.3 bits   [###> orf 7 codons   sd-(12)-ir 1639251 Gap 4.0 bits   ir TERM24_cspB-

{----------------------------------} sd-(9)-ir 1639295 Gap 2.3 bits   {------------------------} sd-(12)-ir 1639251 Gap 4.0 bits
|----------------------------------| sd-ir 1639295 TERM24_cspB- total 5.5 bits |------------------------| sd-ir 1639251 TERM24 cspB- total 13.0 bits

sd   ... ir

sd

{--------------} sd-(6)-ir 1639243 Gap 4.3 bits
|--------------| sd-ir 1639243 TERM24_cspB- total 7.1 bits

p35   3.3 bits

{--... p35-(25)-p10 1639225 Gap
|--... p35-p10 1639225 total 4.1

```
        *1639230  *        *1639220  *        *1639210  *        *1639200  *        *1639190  *        *1639180  *        *1639170  *        *1639160  *        *1639150
5' t t g g c a a a t c t t a a t c a g g a a a a g t a t g c t a a c c a t t g t g g t g a a g t g c a g g t t t g c t g c a t g a a t a g t t t t a c a g c a g a 3'
   -   leu -   ala -   lys -   ser -                       -       -       -       -       -       -       -       -   fMet -   trp -                       -fMet -   gln -   val -   cys -   cys -   met -   asn -   ser -   phe -   thr -   ala -   glu -
       gly -   lys -   ile -   leu -   ile -   arg -   lys -   ser -   met -   leu -   thr -   ile -   val -   val -   lys -   cys -   arg -   phe -   ala -   ala -
```

[###> orf 12 codons   ir TERM24_cspB-   [###> orf 26 codons

sd   p10   5.3 bits   ir TERM24_cspB-

p10   4.7 bits   {--------------} sd-(7)-ir 1639204 Gap 3.7 bits   {--------------} sd-(9)-ir 1639169 Gap 2.3 bits

... ir TERM24_cspB- |--------------| sd-ir 1639204 TERM24_cspB- total 13.3 bits |----------------| sd-ir 1639169 TERM24_cspB- total 7.3 bits

p35   4.0 bits   sd

{------------------------} p35-(24)-p10 1639204 Gap 2.4 bits
|------------------------| p35-p10 1639204 total 6.9 bits

... {----------} p35-(25)-p10 1639225 Gap 4.0 bits
... |----------| p35-p10 1639225 total 4.1 bits

```
            *      *1639140  *      *1639130  *      *1639120  *      *1639110  *      *1639100  *      *1639090  *      *1639080  *      *1639070
5' agctaactgctggcatggcaaaacaaagtgcgtaagtggatgactcccacaaaaagcaccacaatctcaaacccgctcagg 3'
  -     -   ●  -    -    -    -    -    -    -  -fMet - arg - lys - trp - met - thr - pro - thr - lys - ser - thr - thr - ile - ser - asn - pro - leu - arg -
  - ala - asn - cys - trp - his - gly - lys - thr - lys - cys - val - ser - gly - ●  -   -     -     -     -     -     -     -     -     -     -     -     -     -
  -     -     -     -  -fMet - ala - lys - gln - ser - ala - ●  -fMet - asp - asp - ser - his - lys - lys - his - his - asn - leu - lys - pro - ala - gln - ala -
```

[###> orf 21 codons

p10 4.1 bits

p35 2.6 bits

{- -} p35-(23)-p10 1639089 Gap 1.4 bits
|- -| p35-p10 1639089 total 5.2 bits

5' c g 3'
   -
     -