piece 1, NC_000913, ansP_yncG+, config: linear, direction: +, begin: 1523975, end: 1524290

```
        *      *1523980    *        *1523990    *        *1524000    *        *1524010    *        *1524020    *        *1524030    *        *1524040    *        *1524050    *
5'  a t c t g a a g t g t c g g t g t c g t g t t a c t c a t t g c t c t c c c t g a t t g c t t t a a t g a a a a g t c a t a t a a g t t g c c a t g a a c a a  3'
    - ile -        - - - - - fMet - phe - thr - his - cys - ser - pro -     - fMet - leu -   - asn - glu - lys - val - ile -       - -       - fMet - asn - asn -
    -       - ser - glu - val - ser - val - ser - cys - leu - leu - ile - ala - leu - pro - asp - cys - phe - asn - glu - lys - val - ile -       - - -        - fMet -
    -       - leu - lys - cys - arg - cys - arg - val - tyr - ser - leu - leu - ser - leu - ile - ala - leu - met - lys - lys - ser - tyr - lys - leu - pro - - -
```
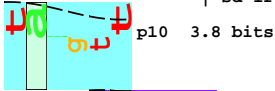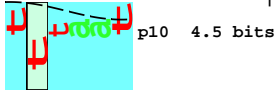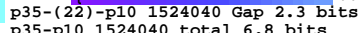
... --] NC_000913.ansP   sd   ... ir

p35   5.7 bits   p35   5.3 bits   {-------------------------} sd-(15)-ir 1524048 Gap 6.0 bits

|---------------------------| sd-ir 1524048 ansP_yncG+ total 6.2 bits

p10   4.5 bits   p10   3.8 bits

{---} p35-(25)-p10 1524022 Gap 4.0 bits   p35   6.1 bits

|--| p35-p10 1524022 total 6.1 bits   {------------------- ... p35-(21)-p10 1524065 Gap

{-------------------------------} p35-(22)-p10 1524040 Gap 2.3 bits
|-------------------------------| p35-p10 1524040 total 6.8 bits   ... p35-p10 1524065 total 5.1

```
       *1524060    *        *1524070    *        *1524080    *        *1524090    *        *1524100    *        *1524110    *        *1524120    *        *1524130    *
5'  t g t t t a t t c a t c c t g g c g a t g a t a g t t a t c a c c a t t a t t c t t t a t g g g t a t a a a a c t a t c g g c g c a g c a t c c t a c c g t t a  3'
    -    -    -    -    -    -    - fMet - ile - val - ile - thr - ile - ile - leu - tyr - gly - tyr - lys - thr - ile - gly - ala - ala - ser - tyr - pro - leu
    - val - tyr - ser - ser - trp - arg -   -   - fMet - gly - ile - lys - leu - ser - ala - gln - his - pro - thr - arg - tyr -
    - phe - ile - his - pro - gly - asp - asp - ser - tyr - his - his - tyr - ser - leu - trp - val -    - -    - -    - -    - -    - -    - -    -
```
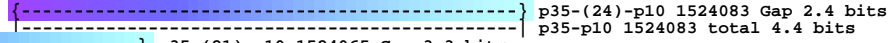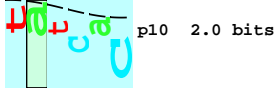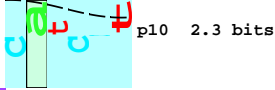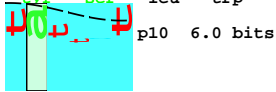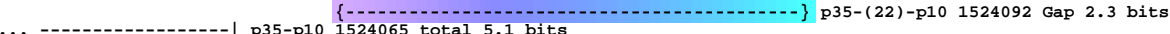
... ir ansP_yncG+   [###> orf 10 codons   p10   6.0 bits

p10   2.3 bits   p10   2.0 bits

p35   4.8 bits

{-----------------------------} p35-(24)-p10 1524083 Gap 2.4 bits
|-----------------------------| p35-p10 1524083 total 4.4 bits

... -----------------} p35-(21)-p10 1524065 Gap 3.3 bits

p35   2.1 bits

{-------------------------} p35-(22)-p10 1524092 Gap 2.3 bits

... -----------------| p35-p10 1524065 total 5.1 bits |-------------------------| p35-p10 1524092 total 5.8 bits
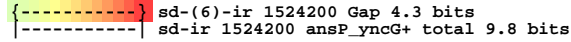
```
       *1524140    *        *1524150    *        *1524160    *        *1524170    *        *1524180    *        *1524190    *        *1524200    *        *1524210    *
5'  t c g a t a a a c g a t g c a a a a c a c a t c c c c t t a c a a t c c t g a a g g g g a t t a a t a c a a c t g a c g a a a a a a t g a c a a a t c c t t t t g c t  3'
    - ser - ile - asn - asp - ala - lys - his - pro - leu - thr - ile - leu - lys - gly - ile - asn - thr - thr - asp - glu - lys - met - fMet - asn - pro - phe - ala -
    - arg -    -        - fMet - gln - asn - ile - pro - leu - gln - ser -       - - - -       - - - -        - - - -        - fMet - leu -
    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -
```

... ir ansP_yncG+

sd   p35   3.3 bits   ... p35

{---------------} sd-(6)-ir 1524200 Gap 4.3 bits
|-----------| sd-ir 1524200 ansP_yncG+ total 9.8 bits

... p35-(21)-p10 1524222 Gap
... p35-p10 1524222 total 4.5
... p35-(25)-p10 1524239 Gap
... p35-p10 1524239 total 6.1

```
      *1524220  *       *1524230  *       *1524240  *       *1524250  *       *1524260  *       *1524270  *       *1524280  *       *1524290
5' ggttaacctgtgtactgtcctacacttaatctttaaaagattgtgagggcatatgattaaggtgtatggcgt 3'
   - gly -      -      -   -fMet - tyr - cys - pro - thr - leu - asn - leu -   -   -   -fMet - arg - gly - ile -   -   -   -   -   -fMet - ala -
        - val - asn - leu - cys - thr - val - leu - his - leu - ile - phe - lys - arg - leu -   -   -   -   -   -   -   -   -
     -     -     -     -     -     -     -     -     -     -     -     -fMet - ile - lys - val - tyr - gly -
```

[###> orf 8 codons

sd

[--- ... NC_000913.yncG

... p35   4.3 bits

p10   5.8 bits

p10   2.5 bits

ir ansP_yncG+

p10   4.5 bits

{------------------------} sd-(15)-ir 1524271 Gap 6.0 bits

p35   3.5 bits

|----------------------------| sd-ir 1524271 ansP_yncG+ total 6.4 bits

... -------} p35-(21)-p10 1524222 Gap 3.3 bits

p35   5.6 bits

p10   6.4 bits

... --------| p35-p10 1524222 total 4.5 bits

{--------------------------} p35-(21)-p10 1524271 Gap 3.3 bits

... ----------------------------------} p35-(25)-p10 1524239 Gap 4.0 bits
... -------------------------------------| p35-p10 1524239 total 6.1 bits

{------------------------------------} p35-(23)-p10 1524252 Gap 1.4 bits
|-------------------------------------| p35-p10 1524252 total 4.6 bits
|---------------------------------------| p35-p10 1524271 total 8.7 bits