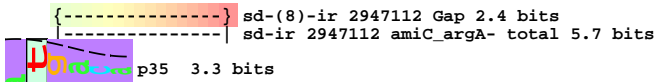piece 1, NC_000913, amiC_argA-, config: linear, direction: -, begin: 2947293, end: 2947013

```
        *2947290  *      *2947280  *      *2947270  *      *2947260  *      *2947250  *      *2947240  *      *2947230  *      *2947220  *
5' gaccaactcggtttttacgttcctttaccacggcacacctctttgcatgattattcgaaattagtgtatttttattctgttt 3'
 - asp - gln - leu - gly - phe - thr - phe - leu - tyr - his - gly - thr - pro - leu - cys - met - ile - ile - arg - asn -   -   -   -   -   -   -   -
   - thr - asn - ser - val - leu - arg - ser - phe - thr - thr - ala - his - leu - phe - ala -   -   -   -   -   -   -   -   -   -   -   -   -   -
     - pro - thr - arg - phe - tyr - val - pro - leu - pro - arg - his - thr - ser - leu - his - asp - tyr - ser - lys - leu - val - tyr - phe - tyr - ser - val - phe -
```

... ---] NC_000913.argA

p10   3.6 bits
p10   5.2 bits   ... p35

p35   4.1 bits
p35   6.2 bits
p10   3.2 bits

p10   6.0 bits

{---------------------------------------} p35-(22)-p10 2947248 Gap 2.3 bits

{--- ... p35-(21)-p10 2947193 Gap

|---| p35-p10 2947248 total 5.3 bits

{----------------------------------} p35-(24)-p10 2947227 Gap 2.4 bits
|----------------------------------| p35-p10 2947227 total 9.0 bits

|--- ... p35-p10 2947193 total 6.4

p35   2.6 bits

{---------------------------------------} p35-(23)-p10 2947224 Gap 1.4 bits
|---------------------------------------| p35-p10 2947224 total 4.3 bits

p35   1.7 bits   ... p35

{---------------------------------------} p35-(23)-p10 2947221 Gap 1.4 bits
|---------------------------------------| p35-p10 2947221 total 6.3 bits

```
        *2947210  *      *2947200  *      *2947190  *      *2947180  *      *2947170  *      *2947160  *      *2947150  *      *2947140  *
5' tttcgcaggtgcaagtgtaaatttttatgcgagagcgactttttatcagtaatgccgtgaatataaaagaatgtttacc 3'
 -   -   -   -   -   - fMet - gln - val -   -   -   -   -   -   -   -   -   -   - fMet - asn - ile - lys - arg - met - phe - thr -
 -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   - fMet - pro - leu - phe - tyr - gln -   -   -
 - ser - gln - gly - ala - ser - val - asn - phe - met - arg - glu - arg - leu - phe - tyr - gln -
```

... p35   3.9 bits
p10   5.7 bits   ... sd

p10   3.2 bits

{----------------------------------} p35-(23)-p10 2947189 Gap 1.4 bits
... {---------------------------------} p35-(21)-p10 2947193 Gap 3.3 bits
|----------------------------------| p35-p10 2947189 total 5.5 bits

... ----------------------------------| p35-p10 2947193 total 6.4 bits

... p35   3.7 bits

```
        *2947130  *      *2947120  *      *2947110  *      *2947100  *      *2947090  *      *2947080  *      *2947070  *      *2947060  *
5' gtttattagatgacagattatgcgtctttcgctaaagtttccggtcaaattagtcgtttacttgttacacagcttagatt 3'
 - val - tyr -   - fMet - thr - asp - tyr - ala - ser - phe - ala - lys - val - ser - gly - gln - ile - ser - arg - leu - leu - val - thr - gln - leu - arg - phe -
 -   -   -   -   - fMet - arg - leu - ser - leu - lys - phe - pro - val - lys - leu - val - val - tyr - leu - leu - his - ser - leu - asp - phe -
```

... sd
p10   5.1 bits
... sd

ir amiC_argA-

sd-(8)-ir 2947112 Gap 2.4 bits
sd-ir 2947112 amiC_argA- total 5.7 bits

p35 3.3 bits

p35-(23)-p10 2947098 Gap 1.4 bits
p35-p10 2947098 total 7.0 bits

```
      *2947050   *        *2947040   *        *2947030   *        *2947020   *
5' c t t t t g c t c g g g a g a g g c a t g t c a g g a t c c a a c a c t g c 3'
   - leu - leu - leu - gly - arg - gly - met - ser - gly - ser - asn - thr -
     - phe - cys - ser - gly - glu - ala - cys - gln - asp - pro - thr - leu -
       -     -     -     -     -     -     -     -     -     -     -     -
```

sd [-- ... NC_000913.amiC

ir amiC_argA-

sd-(7)-ir 2947032 Gap 3.7 bits
sd-ir 2947032 amiC_argA- total 6.8 bits