piece 1, NC_000913, ldhA_ydbH-, config: linear, direction: -, begin: 1441104, end: 1440848

```
        *1441100  *      *1441090  *      *1441080  *      *1441070  *      *1441060  *      *1441050  *      *1441040  *      *1441030  *
5' cgcgagaacggctttatatttacccagcatgggtagttaatatcctgatttagcgaaaaattaagcattcaatacgggtat 3'
   - arg - glu - asn - gly - phe - ile - phe - thr - gln - his - gly - ser -  -   -   -   -   -   -   -   -   -   -   -   -   -
     - ala - arg - thr - ala - leu - tyr - leu - pro - ser - met - gly - ser -   -   -   -   -   -   -   -   -   -   -   -  -fMet -
       - arg - glu - arg - leu - tyr - ile - tyr - pro - ala - trp - val - val - asn - ile - leu - ile -   -   -   -   -   -   -
```
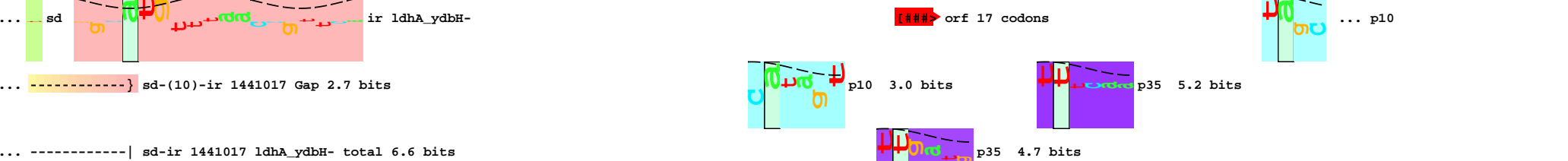
... ---] NC_000913.ydbH   p10   6.3 bits   ... sd

p35   4.7 bits   p10   5.2 bits

{---} p35-(25)-p10 1441066 Gap 4.0 bits
|--| p35-p10 1441066 total 7.0 bits

{------ ... sd-(10)-ir 1441017 Gap
|------ ... sd-ir 1441017 ldhA_ydbH-

p35   4.1 bits

{--} p35-(22)-p10 1441063 Gap 2.3 bits
|---| p35-p10 1441063 total 7.0 bits
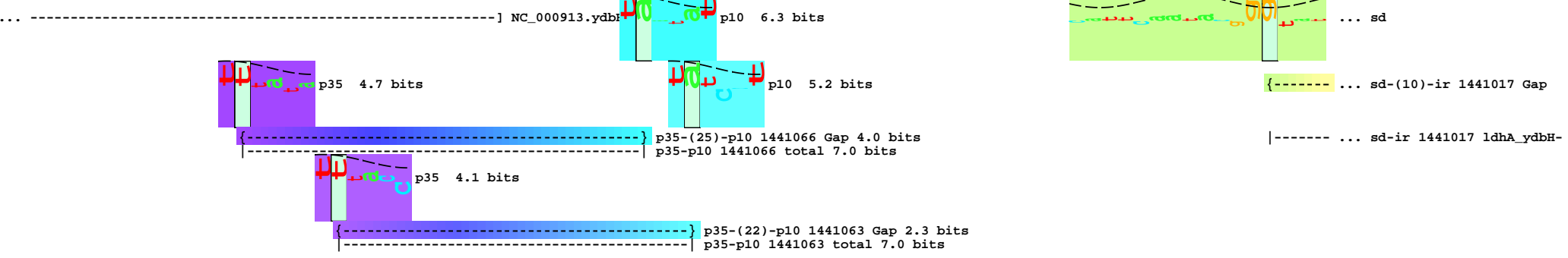
```
        *1441020  *      *1441010  *      *1441000  *      *1440990  *      *1440980  *      *1440970  *      *1440960  *      *1440950  *
5' tgtggcatgtttaaccgttcagttgaaggttgcgcctacactaagcatagttttcaatatcgccatagc 3'
    -   -  -fMet - phe - asn - arg - ser - val - glu - gly - cys - ala - tyr - thr - lys - his - ser - cys -   -   -   -   -   -   -
    -fMet - ala - cys - leu - thr - val - gln - leu - lys - val - ala - pro - thr - leu - ser - ile - val - val - asp - glu - phe - phe - asn - ile - ala - ile - ala -
      - trp - his - val -   -   -   -   -   -   - fMet - arg - leu - his -   -   -   -  -fMet - leu - met - asn - phe - ser - ile - ser - pro -  -   -
```
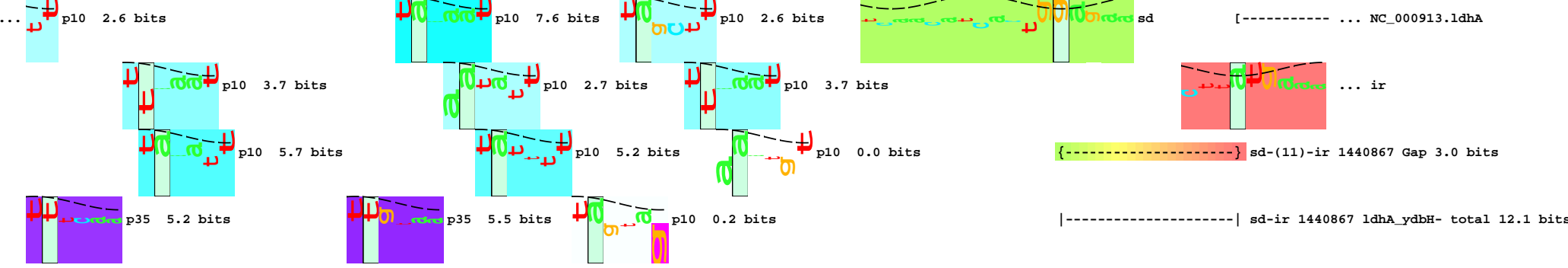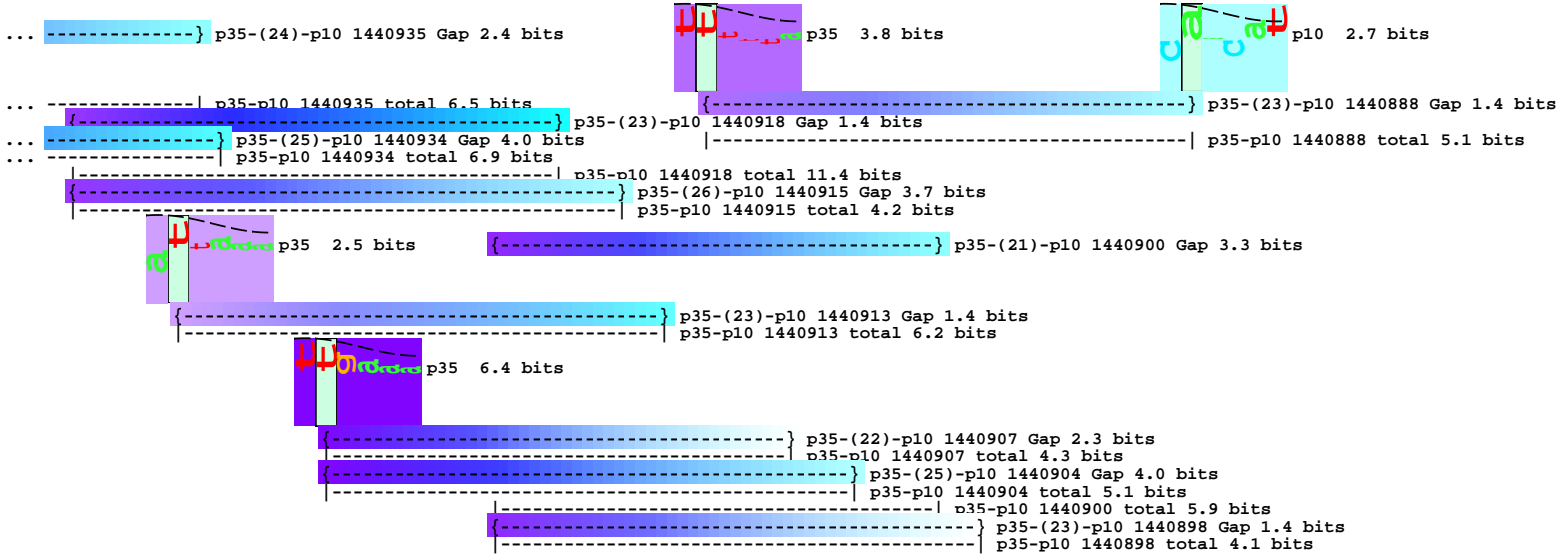
... sd   ir ldhA_ydbH-   [###> orf 17 codons   ... p10

... {----------} sd-(10)-ir 1441017 Gap 2.7 bits   p10   3.0 bits   p35   5.2 bits

... -----------| sd-ir 1441017 ldhA_ydbH- total 6.6 bits   p35   4.7 bits

p35   5.5 bits   {-------------------------------} p35-(24)-p10 1440945 Gap 2.4 bits

{---------------------------} p35-(23)-p10 1440977 Gap 1.4 bits   {----------------- ... p35-(24)-p10 1440935 Gap
|----------------------------| p35-p10 1440977 total 7.1 bits |----------------- ... p35-p10 1440935 total 6.5
                                                                  |----------------| p35-p10 1440945 total 4.9 bits
                                                                     {-------------- ... p35-(25)-p10 1440934 Gap
                                                                     |-------------- ... p35-p10 1440934 total 6.9

```
        *1440940  *      *1440930  *      *1440920  *      *1440910  *      *1440900  *      *1440890  *      *1440880  *      *1440870  *
5' tttcaattaaatttgaaattttgtaaaatattttagtagcttaaatgtgattcaacatcactggagaaagtcttatgaaa 3'
    -   -   -   -   -  -fMet - lys - phe - cys - lys - ile - phe - leu - val - ala -  -fMet -   -   -   -   -   -   -   -   -   -  -fMet - lys -
    - phe - asn -   -   -   -   -   -   -   -   -   -   -   -   -   - fMet - ile - gln - his - his - trp - arg - lys - ser - tyr - glu - thr -
```

... p10   2.6 bits   -fMet   p10   7.6 bits   p10   2.6 bits   -fMet   sd   [----------- ... NC_000913.ldhA

... p10   3.7 bits   p10   2.7 bits   p10   3.7 bits   ... ir

p10   5.7 bits   p10   5.2 bits   p10   0.0 bits   {-----------} sd-(11)-ir 1440867 Gap 3.0 bits

p35   5.2 bits   p35   5.5 bits   p10   0.2 bits |--------------------| sd-ir 1440867 ldhA_ydbH- total 12.1 bits

... ------------>} p35-(24)-p10 1440935 Gap 2.4 bits

p35 3.8 bits

p10 2.7 bits

... ------------| p35-p10 1440935 total 6.5 bits

{-------------------------------------->} p35-(23)-p10 1440888 Gap 1.4 bits

... ------------>} p35-(23)-p10 1440918 Gap 1.4 bits

|-------------------------------------| p35-p10 1440888 total 5.1 bits

... ------------| p35-(25)-p10 1440934 Gap 4.0 bits

... ------------| p35-p10 1440934 total 6.9 bits

|-------------------------------------| p35-p10 1440918 total 11.4 bits

{-------------------------------------->} p35-(26)-p10 1440915 Gap 3.7 bits

|-------------------------------------| p35-p10 1440915 total 4.2 bits

p35 2.5 bits

{-------------------------------------->} p35-(21)-p10 1440900 Gap 3.3 bits

{-------------------------------------->} p35-(23)-p10 1440913 Gap 1.4 bits

|-------------------------------------| p35-p10 1440913 total 6.2 bits

p35 6.4 bits

{-------------------------------------->} p35-(22)-p10 1440907 Gap 2.3 bits

|-------------------------------------| p35-p10 1440907 total 4.3 bits

{-------------------------------------->} p35-(25)-p10 1440904 Gap 4.0 bits

|-------------------------------------| p35-p10 1440904 total 5.1 bits

|-------------------------------------| p35-p10 1440900 total 5.9 bits

{-------------------------------------->} p35-(23)-p10 1440898 Gap 1.4 bits

|-------------------------------------| p35-p10 1440898 total 4.1 bits

*1440860 *   *1440850
5' c t c g c c g t t t a t a g 3'
- leu - ala - val - lys -
-    -   -   -   -
- arg - arg - leu - ● -
... ------------------------- ... NC_000913.ldhA

... ir ldhA_ydbH-