piece 1, NC_000913, ykgG_ykgH+, config: linear, direction: +, begin: 323648, end: 323939
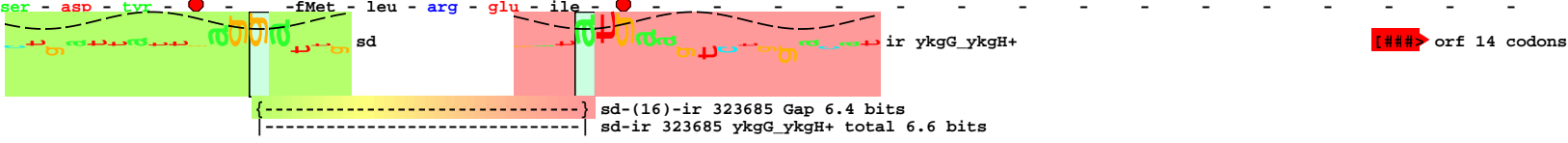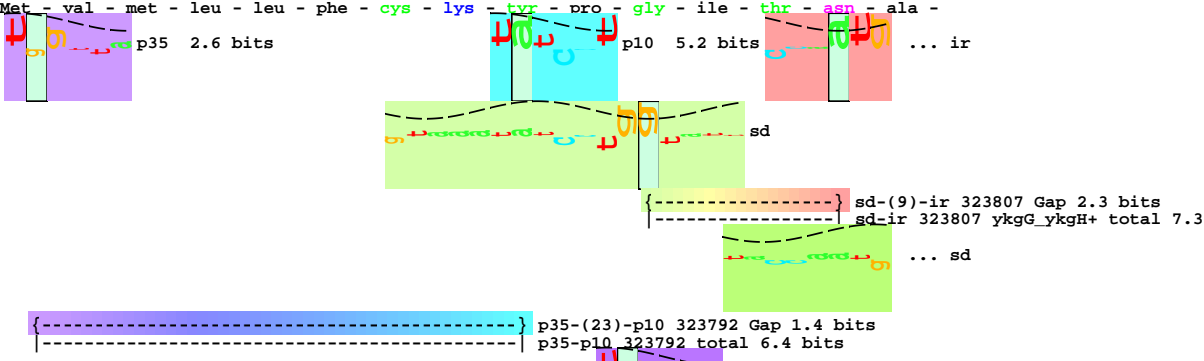
```
       *323650    *       *323660    *       *323670    *       *323680    *       *323690    *       *323700    *       *323710    *       *323720    *
5' gcggtgtatctgattattgaggattgttgagagagatatgaagtctggacataaacctgaagaaggcatacgaggttgaaa 3'
   - ala - val - tyr - leu - ile - ile - glu - asp - cys -           met - lys - ser - gly - his - lys - pro - glu - glu - gly - ile - arg - gly -      -fMet -
     - arg - cys - ile -    - -fMet - arg - ile - val - glu - arg - asp -                                                                         lys -
       - gly - val - ser - asp - tyr -    - -fMet - leu - arg - glu - ile -
```
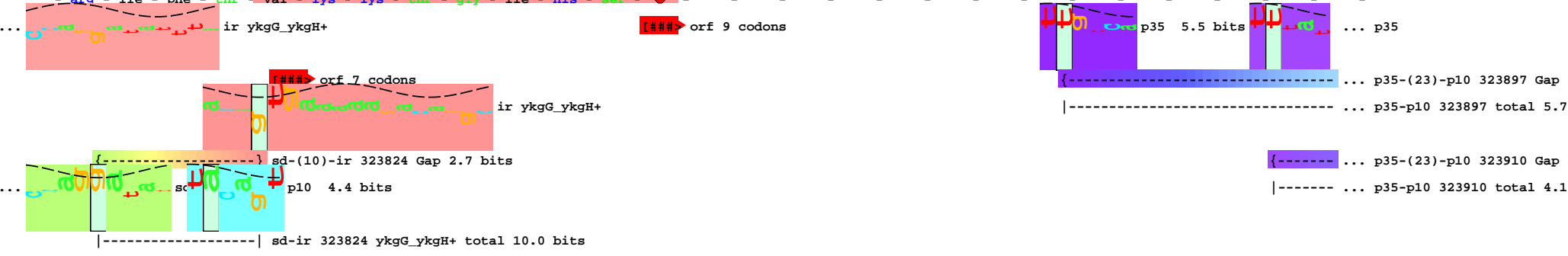
sd
ir ykgG_ykgH+
[###> orf 14 codons

{------------------------} sd-(16)-ir 323685 Gap 6.4 bits
|------------------------| sd-ir 323685 ykgG_ykgH+ total 6.6 bits

```
       *323730    *       *323740    *       *323750    *       *323760    *       *323770    *       *323780    *       *323790    *       *323800    *
5' atagcgtttaggacaacctgacttaacccgttccgtcatggttatgctgctcttcgtaaatatcctggtattaccaatg 3'
   - ile - ala - phe - arg - thr - thr -                                  -fMet - val - met - leu - leu - phe - cys - lys - tyr - pro - gly - ile - thr - asn - ala -
                                                                                                                                                              -fMet -
```

p35   2.6 bits
p10   5.2 bits
... ir
sd

{------------------} sd-(9)-ir 323807 Gap 2.3 bits
|------------------| sd-ir 323807 ykgG_ykgH+ total 7.3
... sd

{------------------------------------} p35-(23)-p10 323792 Gap 1.4 bits
|------------------------------------| p35-p10 323792 total 6.4 bits

p35   3.5 bits

{------------------------ ... p35-(24)-p10 323821 Gap
|------------------------ ... p35-p10 323821 total 5.5

```
       *323810    *       *323820    *       *323830    *       *323840    *       *323850    *       *323860    *       *323870    *       *323880    *       *323890
5' ccaggatattacagtgaaaaagacaggcatccattcctgaaaacgggttcccttcccggtcattgtcacttcagctttat 3'
   - pro - gly - tyr - leu - gln -                                                                                                       -fMet - ser - leu - gln - leu - tyr -
          - arg - ile - phe - thr - val - lys - lys - thr - gly - ile - his - ser -
```

ir ykgG_ykgH+
[###> orf 9 codons
p35   5.5 bits
... p35

[###> orf 7 codons
ir ykgG_ykgH+

{------------------ ... p35-(23)-p10 323897 Gap
|------------------ ... p35-p10 323897 total 5.7

{------} sd-(10)-ir 323824 Gap 2.7 bits
sd   p10   4.4 bits

{-------- ... p35-(23)-p10 323910 Gap
|-------- ... p35-p10 323910 total 4.1

|------------------| sd-ir 323824 ykgG_ykgH+ total 10.0 bits

...{------------------------} p35-(24)-p10 323821 Gap 2.4 bits
...|------------------------| p35-p10 323821 total 5.5 bits

```
                  *       *323900    *       *323910    *       *323920    *       *323930    *
5' acaggcactctctatcagaagtgtttattactgccagaagttttgtt 3'
   - thr - gly - thr - leu - tyr - gln - asn - val - val - tyr - tyr - cys - pro - glu - phe - cys -
                              -fMet - leu - phe - ile - thr - ala - gln - ser - phe - val -
                                                                           -fMet -
```

... p35   4.7 bits
<------------------------------------ ... NC_000913.ykgH

... ------------} p35-(23)-p10 323897 Gap 1.4 bits
... ------------| p35-p10 323897 total 5.7 bits
... --------------------------------} p35-(23)-p10 323910 Gap 1.4 bits
... --------------------------------| p35-p10 323910 total 4.1 bits

p10 1.6 bits

p10 0.8 bits