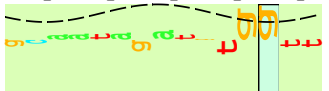piece 1, NC_000913, ydjA_sppA-, config: linear, direction: -, begin: 1846890, end: 1846681

```
    *1846890  *      *1846880  *      *1846870  *      *1846860  *      *1846850  *      *1846840  *      *1846830  *      *1846820  *      *1846810
5' t c c g g c a a t a a a t c g c c a a a g g g t t c g c a t g t a t t c t c c c a a c t t a a g g t c a c a c c t g t c a c a g g c g c a a t a g a t g t g g t t 3'
   -  ser - gly - asn - lys - ser - pro - lys - gly - ser - his - val - phe - ser - gln - leu - lys - val - thr - pro - val - thr - gly - ala - ile - asp - val - val -
   -  pro - ala - ile - asn - arg - gln - arg - val - arg - met - tyr - ser - pro - asn - leu - arg - ser - his - leu - ser - gln - ala - gln -  ●  -fMet - trp - leu -
      -  arg - gln -  ●   -   -   -   -   -   -   -   -   -   -   -   -   ●   -   -   -   -   -   -   -   -   -   -   -
... ------------------------------------------------] NC_000913.sppA                                                                    ... sd
                                                                                            {----- ... sd-(9)-ir 1846803 Gap
                                                                                            |----- ... sd-ir 1846803 ydjA_sppA-
```
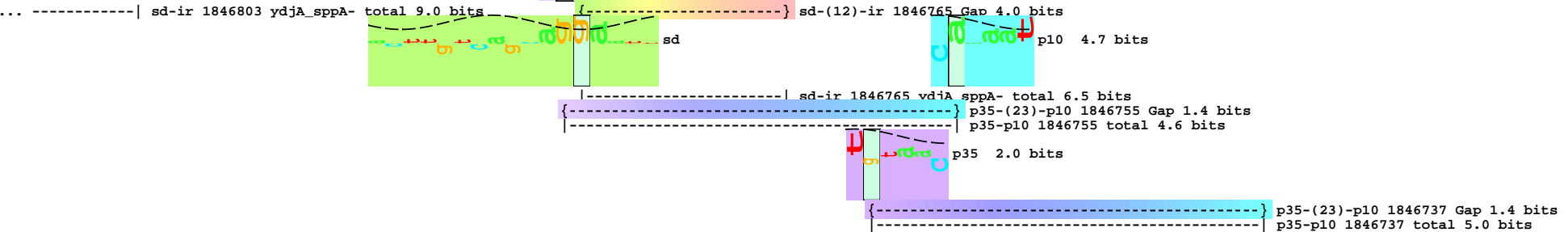
```
         *        *1846800  *      *1846790  *      *1846780  *      *1846770  *      *1846760  *      *1846750  *      *1846740  *      *1846730
5' a t c g t a a t g a c c c a a c c g g t a c t t g t c a g c a g g a a t t g c g g a c t g t g c t g t a a c a a a t c c a c t c t c g t g t t a a t t t t g t g 3'
   -  ile - val - met - thr - gln - pro - val - leu - val - ser - arg - asn - cys - gly - leu - cys - cys - ala - val - thr - lys - ser - thr - leu - val - leu - ile - leu -
   -  ser -   -   -   -   -   -   -   -fMet - ser - ala - gly - ile - ala - asp - cys - ala - val - thr - lys - ser - thr - leu - val - leu - ile - leu -
      -   -  ●   -   -   -   -   -   -fMet - arg - thr - val - leu -   -   ●   -   -   -   -   -   ●   -   -   ●   -
... sd              ir ydjA_sppA-                              ir ydjA_sppA-                          p10   4.4 bits
```

... {----------} sd-(9)-ir 1846803 Gap 2.3 bits   [###> orf 3 codons   p35   1.3 bits

... ----------| sd-ir 1846803 ydjA_sppA- total 9.0 bits   {----------------} sd-(12)-ir 1846765 Gap 4.0 bits
                                                        sd   p10   4.7 bits
                                                        |----------------| sd-ir 1846765 ydjA_sppA- total 6.5 bits
                                                        {==================} p35-(23)-p10 1846755 Gap 1.4 bits
                                                        |------------------| p35-p10 1846755 total 4.6 bits
                                                                       p35   2.0 bits
                                                        {==============================} p35-(23)-p10 1846737 Gap 1.4 bits
                                                        |------------------------------| p35-p10 1846737 total 5.0 bits

```
         *        *1846720  *      *1846710  *      *1846700  *      *1846690  *
5' a a t a a a t a t c a c g a c a g g a g t t a a t c a a a t g g a t g c a c t c g a a c t a t t 3'
   -  asn - lys - tyr - his - asp - arg - ser -  ●   -fMet - asp - ala - leu - glu - leu -
                                               -fMet - his - ser - asn - tyr -
      -   ●   -   -   -   -   -   -   -   -   -   -   -
                     sd              [------------------------------- ... NC_000913.ydjA
```

[###> orf 33 codons   ir ydjA_sppA-

{-------------} sd-(11)-ir 1846700 Gap 3.0 bits
|-------------| sd-ir 1846700 ydjA_sppA- total 11.9 bits
                                               ir ydjA_sppA-

{-----------------} sd-(15)-ir 1846696 Gap 6.0 bits
|-----------------| sd-ir 1846696 ydjA_sppA- total 5.2 bits