- 1 -

piece 1, NC_000913, sdaA_yoaD-, config: linear, direction: -, begin: 1896480, end: 1896301

```
        *1896480   *        *1896470   *        *1896460   *        *1896450   *        *1896440   *        *1896430   *        *1896420   *        *1896410   *        *1896400
5' g g t t t t a a t g a t c c g t t g t g c t t t t t g c a t g c g g g c c a c c c t g t a a g c g t a t g g c g a c a a a c g c t g a c g c a a c a g t g g a a 3'
   - gly - phe - asn - asp - pro - leu - cys - phe - leu - his - ala - gly - his - pro - val - ser - val - trp - arg - gln - thr - pro - asp - ala - thr - val - glu -   -
   - val - leu - met - ile - arg - cys - ala - phe - cys - met - arg - ala - thr - leu -  ●   -    -    -    -    -    -    -    -    -    -    -    -    -    -
      - phe -  ●   -  ●   -    -    -    -fMet - leu - phe - ala - cys - gly - pro - pro - cys - lys - arg - met - ala - thr - asn - ala -   ●
... -------------------------------------------------------------] NC_000913.yoaD                                                                           ... sd
```
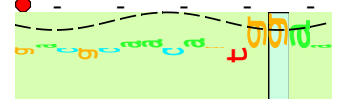
{----- ... sd-(8)-ir 1896394 Gap
|----- ... sd-ir 1896394 sdaA_yoaD-

```
              *        *1896390   *        *1896380   *        *1896370   *        *1896360   *        *1896350   *        *1896340   *        *1896330   *        *1896320
5' g t g t a g t g g g g a a t a t t a c a g c a g a c g a g a a a g c g g g t a t a a a t t c g c c c a t c c g t t g c a g a t g g g c g a g t a a g a a g t a t t 3'
   - val -   ●  -    -    -    -    -    -    -    -    -    -    ●   -    -    -    -    -    -    - -fMet - gln - met - gly - glu -  ●  -    -    -    -
      - -fMet - gly - asn - ile - thr - ala - asp - glu - lys - ala - gly - ile - asn - ser - pro - ile - arg - cys - arg - trp - ala - ser - lys - lys - tyr -  ●  -
... ▌  sd                          p35   1.4 bits                          p10   5.7 bits                        p35   5.2 bits                    <--- ... NC_000913.sdaA
```
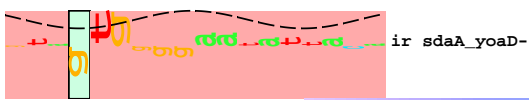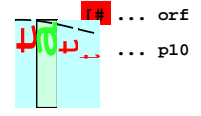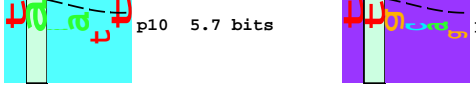
... ----------} sd-(8)-ir 1896394 Gap 2.4 bits   r# ... orf

... ----------| sd-ir 1896394 sdaA_yoaD- total 6.1 bits   ... p10

                                                                                                                   {---------------------------------} p35-(22)-p10 1896321 Gap 2.3 bits
                                   ir sdaA_yoaD-

                              {--------------------------------} p35-(24)-p10 1896359 Gap 2.4 bits
                              |-----------------------------------| p35-p10 1896359 total 4.7 bits|---| p35-p10 1896321 total 4.8 bits

```
              *        *1896310   *
5' a g t c a c a c t g g a c t t t g a 3'
   -    -    -    -    -    -    -    ●  -
      -    -    -    -    -    -    -
         -    -    -    -    -fMet -
... -------------------------------------- ... NC_000913.sdaA
```

... ##> orf 26 codons

... p10   2.0 bits