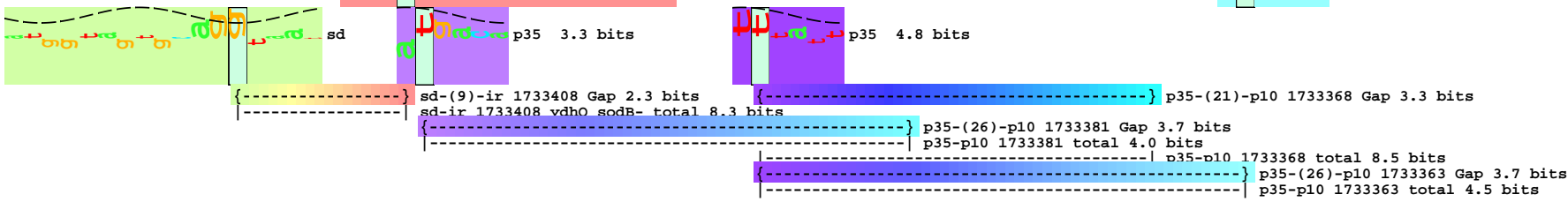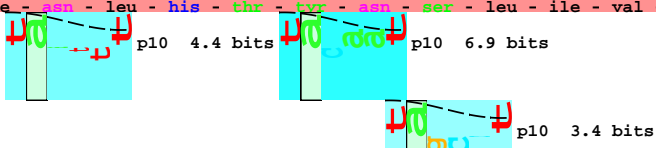- 1 -

piece 1, NC_000913, ydhO_sodB-, config: linear, direction: -, begin: 1733431, end: 1733255

```
      *1733430  *        *1733420  *        *1733410  *        *1733400  *        *1733390  *        *1733380  *        *1733370  *        *1733360  *
5' a t a t g g t a g t g c a g g t a a t t c g a a t g a c a t t g c t a c t c t c c t t t a t t a t t a a t t t g c a t a c g t a c a a t a g c c t t a t t g t g c 3'
   - ile - trp -    - ser - ala - gly - asn - ser - asn - asp - ile - ala - thr - leu - leu - tyr - tyr -                                 -fMet - cys -
            - tyr - gly - ser - ala - gly - asn - ser - asn - asp - ile - ala - thr - leu - leu - tyr - tyr -
   - met - val - val - gln - val - ile - arg - met - thr - leu - leu - leu - ser - phe - ile - ile - asn - leu - his - thr - tyr - asn - ser - leu - ile - val - arg -
```

... --] NC_000913.sodB

p10 4.4 bits   p10 6.9 bits

p10 3.4 bits

ir ydhO_sodB-

sd   p35 3.3 bits   p35 4.8 bits

{------------------} sd-(9)-ir 1733408 Gap 2.3 bits   {--------------------------------------} p35-(21)-p10 1733368 Gap 3.3 bits
|------------------| sd-ir 1733408 ydhO_sodB- total 8.3 bits

{--------------------------------} p35-(26)-p10 1733381 Gap 3.7 bits
|--------------------------------| p35-p10 1733381 total 4.0 bits
|--------------------------------| p35-p10 1733368 total 8.5 bits

{--} p35-(26)-p10 1733363 Gap 3.7 bits
|--| p35-p10 1733363 total 4.5 bits

```
      *1733350  *        *1733340  *        *1733330  *        *1733320  *        *1733310  *        *1733300  *        *1733290  *        *1733280  *        *1733270
5' g t a t g g a t a g g g t a g c a a t t a a a a g g t g a g a c a a a a g a t g a a c t t a c c c t g t t g c c g t a a c a c a g g t a a a g t t t t a g c 3'
   - val - trp - ile - gly -                                                                            -fMet - pro -
         - met - asp - arg - val - ala - asn -        -fMet - arg - gln - lys - met - asn - leu - pro - cys - cys - arg - asn - asn - arg - val - lys - phe -
```
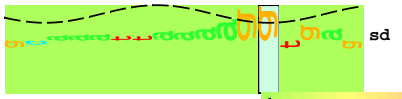
[###> orf 27 codons   -fMet - arg - gln - lys - met - asn - leu - pro - cys - cys - arg - asn - asn - arg - val - lys - phe -   <--------- ... NC_000913.ydhO

ir ydhO_sodB-

sd   [###> orf 14 codons

{----------------------} sd-(12)-ir 1733312 Gap 4.0 bits
|----------------------| sd-ir 1733312 ydhO_sodB- total 9.4 bits

```
              *          *1733260  *
5' g a a g t g t t t t t g g g g 3'
   -    -fMet - phe - leu - gly -
         -    -    -    -    -
```

... ---------------------------- ... NC_000913.ydhO