- 1 -

piece 1, NC_000913, yjgB_leuX-, config: linear, direction: -, begin: 4494457, end: 4494213
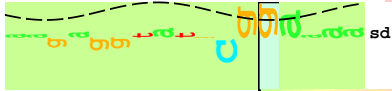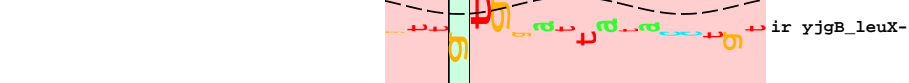
```
         *      *4494450   *      *4494440   *      *4494430   *      *4494420   *      *4494410   *      *4494400   *      *4494390   *      *4494380
5' a a c t g c g t c t a c c g a t t t c g c c a c t t c g g c a c t g a a g a g g t a t g c g g a a a a c g t t g t g g a t t a t a c c t g t c g c a c g c c a c c 3'
   - asn - cys - val - tyr - arg - phe - arg - his - phe - gly - thr - glu - glu - val - cys - gly - lys - arg - cys - gly - leu - tyr - leu - ser - his - ala - thr -
   - thr - ala - ser - thr - asp - phe - ala - thr - ser - ala - leu - lys - arg - tyr - ala - glu - asn - val - val - asp - tyr - thr - cys - arg - thr - pro - pro -
   - leu - arg - leu - pro - ile - ser - pro - leu - arg - his - ●  -      -      -fMet - arg - lys - thr - leu - trp - ile - ile - pro - val - ala - arg - his - his -
```
ir yjgB_leuX-

sd

{------------------} sd-(9)-ir 4494402 Gap 2.3 bits
|------------------| sd-ir 4494402 yjgB_leuX- total 5.7 bits
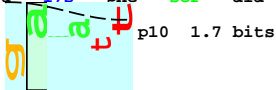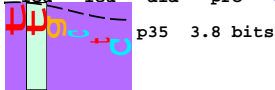
```
   *      *4494370   *      *4494360   *      *4494350   *      *4494340   *      *4494330   *      *4494320   *      *4494310   *      *4494300
5' a t g c a a g c g c c a g c t t g c t c g c a c c t c g c t a a g t g c t g a a a t t t t c a g c a t t g c a t a c a g c g a t g t g t a a c c t t t g t c a c a 3'
   - met - gln - ala - pro - ala - cys - ser - his - leu - ala - lys - cys - ●  -      -      -      -fMet - ser - his -
   - cys - lys - arg - gln - leu - ala - arg - thr - ser - leu - ser - ala - glu - ile - phe - ser - ile - ala - tyr - ser - asp - val - ●  -      -fMet - ser - his -
   - ala - ser - ala - ser - leu - leu - ala - pro - arg - ●  -fMet - leu - lys - phe - ser - ala - leu - his - thr - ala - met - cys - asn - leu - cys - his - thr -
```
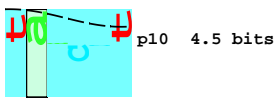p35 3.8 bits   p10 1.7 bits   [###> orf 32 codons

{------------------------------------} p35-(23)-p10 4494338 Gap 1.4 bits   p10 4.5 bits

|------------------------------------| p35-p10 4494338 total 4.0 bits

p35 4.6 bits

{------------------------------} p35-(26)-p10 4494308 Gap 3.7 bits
|------------------------------| p35-p10 4494308 total 5.4 bits

```
   *      *4494290   *      *4494280   *      *4494270   *      *4494260   *      *4494250   *      *4494240   *      *4494230   *      *4494220   *
5' c t c c a g g c a c c c c g c c c t g c c a t g c t c t a c a c t t c c c a a a c a a c a c c a g a g a a g g a c c a a a a a a t g t c g a t g a t a a a a a g c 3'
   -      -      -      -      -      -      -fMet - leu - tyr - thr - ser - gln - thr - thr - pro - glu - lys - asp - gln - lys - met - ser - met - ile - lys - ser -
   - ser - arg - his - pro - ala - leu - pro - cys - ser - thr - leu - pro - lys - gln - his - gln - arg - arg - thr - lys - lys - cys - arg - ●  - ●  -      -      -
   - pro - gly - thr - pro - pro - cys - his - ala - leu - his - phe - pro - asn - asn - thr - arg - glu - gly - pro - lys - asn - val - asp - asp - lys - lys - leu -
```
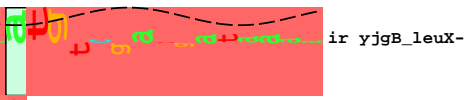sd   [-------------------------------- ... NC_000913.yjgB

ir yjgB_leuX-

{------------------} sd-(9)-ir 4494232 Gap 2.3 bits
|------------------| sd-ir 4494232 yjgB_leuX- total 10.7 bits

```
5' t a 3'
```
... ---- ... NC_000913.yjgB
[### ... orf