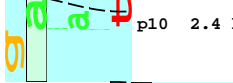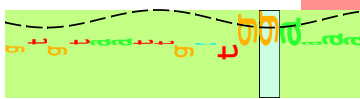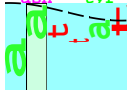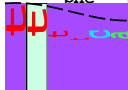piece 1, NC_000913, leuQ_REP351+, config: linear, direction: +, begin: 4604395, end: 4604600

```
      *      *4604400  *      *4604410  *      *4604420  *      *4604430  *      *4604440  *      *4604450  *      *4604460  *      *4604470  *
5' t a g c g c g t c t a c c a a t t c c g c c a c c t t c g c a t a c c a t c a a t t c t t a a a a a g a a t t g c t a c c a c g g a g g c g c a t t c t a g t g g 3'
    -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -
    -  ser - ala - ser - thr - asn - ser - ala - thr - phe - ala - tyr - his - gln - phe - leu - lys - arg - ile - ala - thr - thr - glu - ala - his - ser - ser - gly -
    -  ala - arg - leu - pro - ile - pro - pro - pro - ser - his - thr - ile - asn - ser -   -   -   -    -fMet - leu - pro - arg - arg - arg - ile - leu - val - val -
```

```
      *      *4604480  *      *4604490  *      *4604500  *      *4604510  *      *4604520  *      *4604530  *      *4604540  *      *4604550  *
5' t t t t c a g c t t t t c g t c a a t a g t t a a t t a t c g a c a g a g g t g t a a t t g c t g g a a a a a a t g t c c a t c a a g a a a c t a g c g t g c a g g 3'
                                                                                                              -fMet - ser - ile - arg - lys - leu - ala - cys - arg -
    -  phe - gln - leu - phe - val - asn - ser -   -   -   -   -   -   -    -fMet -   -fMet - leu - glu - lys - cys - pro - ser - gly - asn -   -   -   -   -   -
    -  phe - ser - phe - ser - ser - ile - val - asn - tyr - arg - gln - arg - cys - asn - cys - trp - lys - asn - val - his - gln - glu - thr - ser - val - gln - val -
```
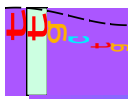
p35   4.6 bits

p10   3.3 bits

ir leuQ_REP351+

sd

p10   2.4 bits

{--------------------------------->} p35-(23)-p10 4604500 Gap 1.4 bits

{---------->} sd-(5)-ir 4604530 Gap 5.4 bits

{---->} p10   2.0 bits

|-----------------------------------| p35-p10 4604500 total 6.5 bits

|---------| sd-ir 4604530 leuQ_REP351+ total 6.9 bits

p35   4.3 bits

{--------------------------------->} p35-(22)-p10 4604542 Gap 2.3 bits
|-----------------------------------| p35-p10 4604542 total 4.4 bits

p35   4.3 bits

{--------------------------------->} p35-(23)-p10 4604547 Gap 1.4 bits
|-----------------------------------| p35-p10 4604547 total 4.9 bits

```
      *4604560  *      *4604570  *      *4604580  *      *4604590  *      *4604600
5' t t t g g t a t g c a t g c g g g g g c a g a t g c c a g a t g c g a c g c t g g c g c 3'
    -  phe - gly - met - his - ala - gly - ala - asp - ala - arg - cys - asp - ala - gly -
    -fMet - val - cys - met - arg - gly - gln - met - pro - asp - ala - thr - leu - ala -
    -  trp - tyr - ala - cys - gly - gly - arg - cys - gln - met - arg - arg - trp - arg -
```