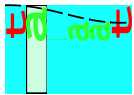


p10 0.6 bits

sd-ir 2496507 yfdZ_ypdA- total 6.5 bits



p10 7.6 bits

p35-(23)-p10 2496535 Gap 1.4 bits

p35-p10 2496535 total 4.8 bits

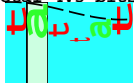
... p35-p10 2496477 total 6.7



p10 2.6 bits

p35-(26)-p10 2496532 Gap 3.7 bits

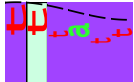
p35-p10 2496532 total 4.5 bits



p10 7.1 bits

p35-(22)-p10 2496521 Gap 2.3 bits

p35-p10 2496521 total 7.3 bits



p35 4.8 bits



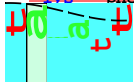
p35-(22)-p10 2496510 Gap 2.3 bits

p35-p10 2496510 total 10.1 bits

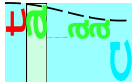
5' *2496470 *2496460 *2496450 *2496440 *2496430 *2496420 *2496410 *2496400
- ile - asn - phe - leu - phe - leu - lys - gln - ser - ser - ser - phe - asn - val - ile - asn - lys - met - phe - a a a a c g c t g g a c a g a c a g a a a t t 3'

lys - phe - pro - val - phe - lys - ala - glu - phe - leu - ile -

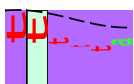
###> orf 22 codons



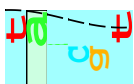
p10 5.7 bits



p10 3.3 bits



p35 3.8 bits



p10 3.1 bits



p35 4.3 bits

p35-(23)-p10 2496443 Gap 1.4 bits

... p35-(24)-p10 2496389 Gap

... p35-(24)-p10 2496477 Gap 2.4 bits

p35 4.1 bits

... p35-p10 2496389 total 7.1

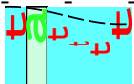
p35-p10 2496443 total 5.4 bits

p35-(24)-p10 2496421 Gap 2.4 bits

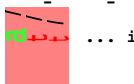
p35-p10 2496421 total 5.0 bits

... p35-p10 2496477 total 6.7 bits

5' *2496390 *2496380 *2496370 *2496360 *2496350 *2496340 *2496330 *2496320
- fMet - ala - ala - ser - leu - gly - arg - ser - gly - arg - a a c g t t a a t c t g a g g a a a t t 3'



p10 5.2 bits



ir



sd

p35-(24)-p10 2496389 Gap 2.4 bits

p35-p10 2496389 total 7.1 bits

... sd-(6)-ir 2496317 Gap

... sd-ir 2496317 yfdZ_ypdA-

*2496310 *2496300
5' a t g g c t g a c a c t c g c c c t g a 3'

```
-fMet - ala - asp - thr - arg - pro -  
- - - - -  
... | ir yfdZ_ypdA-  
... |  
... } sd-(6)-ir 2496317 Gap 4.3 bits  
... | sd-ir 2496317 yfdZ_ypdA- total 11.0 bits
```