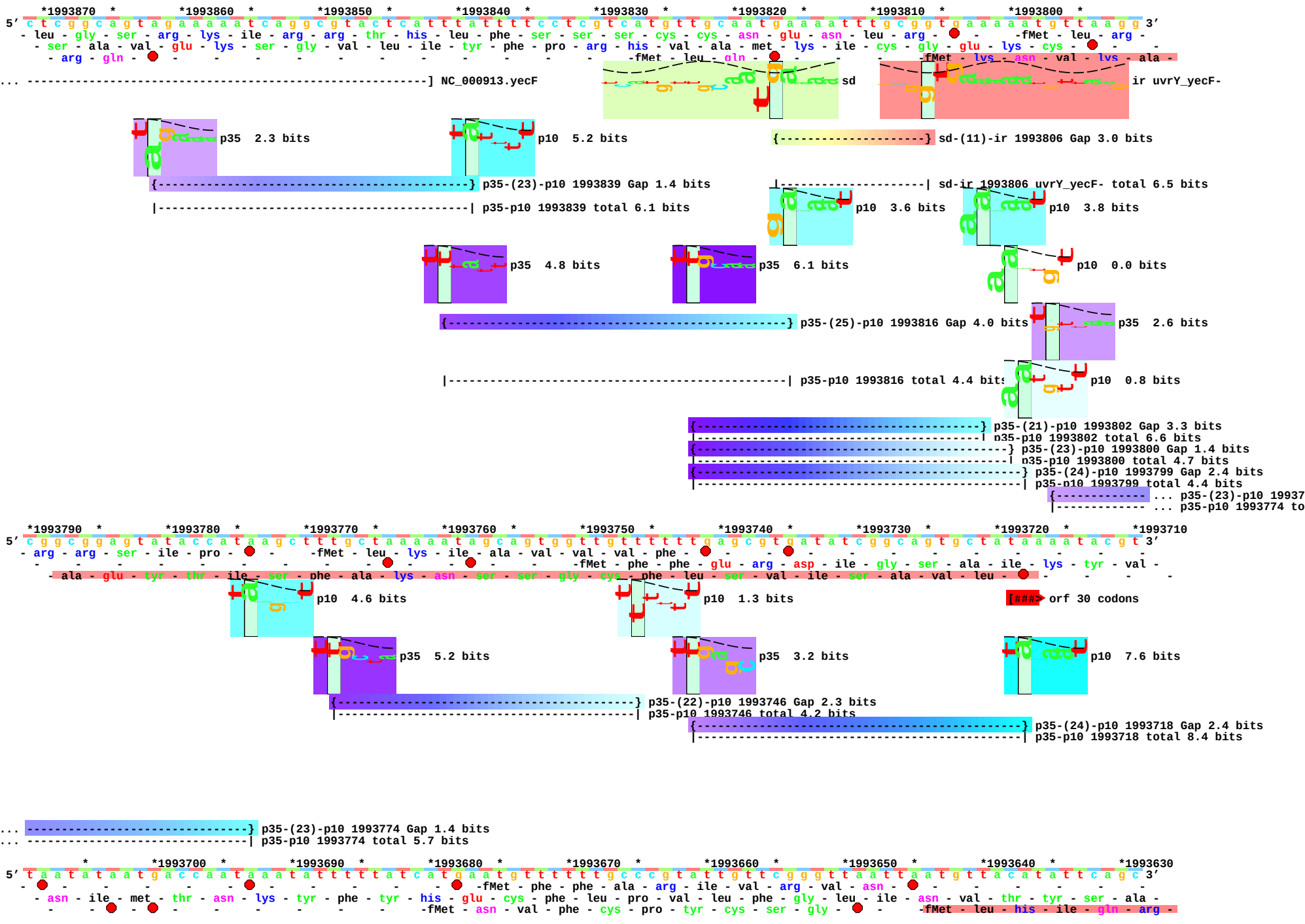
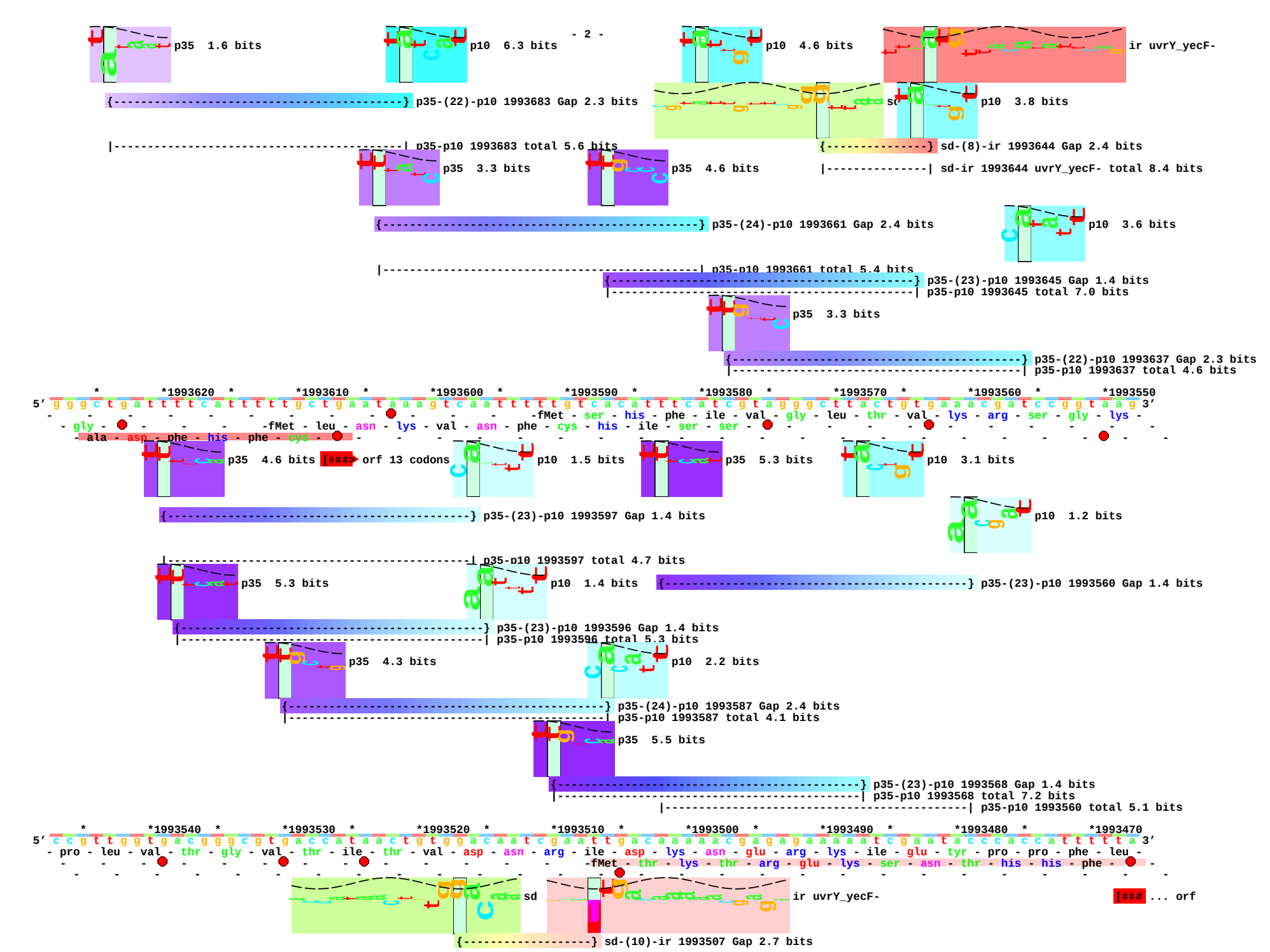
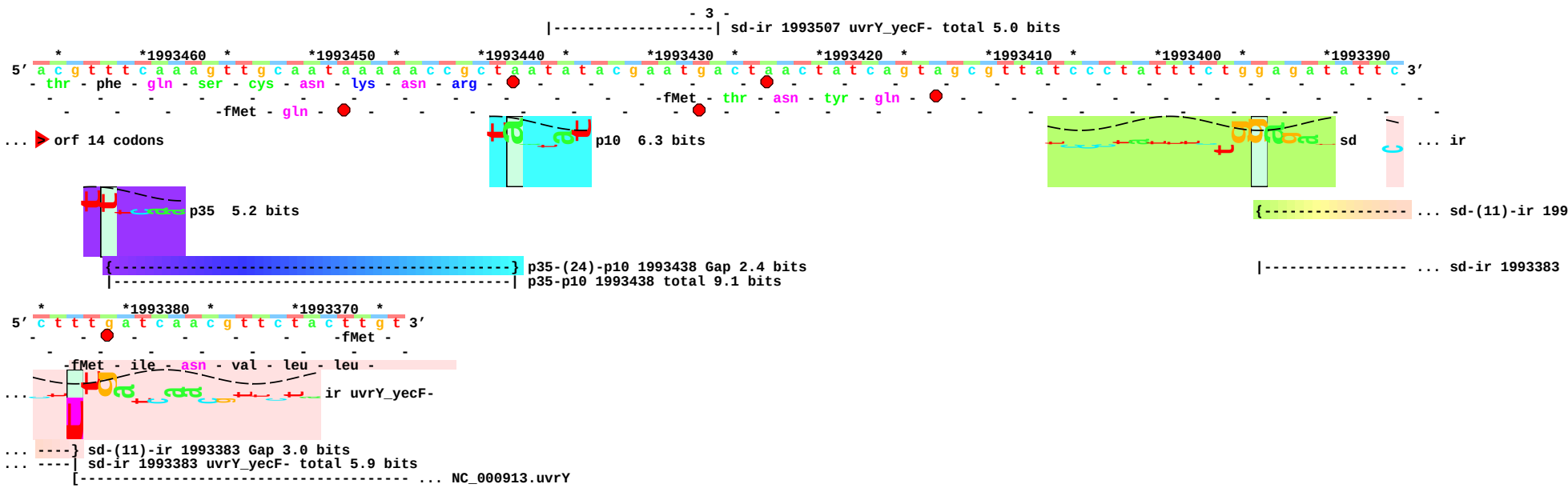
piece 1, NC_000913, uvrY_yecF-, config: linear, direction: -, begin: 1993871, end: 1993364




- 2 -
p35 1.6 bits
p10 6.3 bits
p10 4.6 bits
ir uvrY_yecF-
p35-(22)-p10 1993683 Gap 2.3 bits
p10 3.8 bits
p35-p10 1993683 total 5.6 bits
sd-(8)-ir 1993644 Gap 2.4 bits
p35 3.3 bits
p35 4.6 bits
sd-ir 1993644 uvrY_yecF- total 8.4 bits
p35-(24)-p10 1993661 Gap 2.4 bits
p10 3.6 bits
p35-p10 1993661 total 5.4 bits
p35-(23)-p10 1993645 Gap 1.4 bits
p35-p10 1993645 total 7.0 bits
p35 3.3 bits
p35-(22)-p10 1993637 Gap 2.3 bits
p35-p10 1993637 total 4.6 bits
*1993620
*1993610
*1993600
*1993590
*1993580
*1993570
*1993560
*1993550
5′ g g g c t g a t t t t c a t t t t t g c t g a a t a a a g t c a a t t t t t g t c a c a t t t c a t c g t a g g g c t t a c t g t g a a a c g a t c c g g t a a g 3′
-fMet - ser - his - phe - ile - val - gly - leu - thr - val - lys - arg - ser - gly - lys -
- gly -
-fMet - leu - asn - lys - val - asn - phe - cys - his - ile - ser - ser -
- ala - asp - phe - his - phe - cys -
p35 4.6 bits [###> orf 13 codons
p10 1.5 bits
p35 5.3 bits
p10 3.1 bits
p35-(23)-p10 1993597 Gap 1.4 bits
p10 1.2 bits
p35-p10 1993597 total 4.7 bits
p35 5.3 bits
p10 1.4 bits
p35-(23)-p10 1993560 Gap 1.4 bits
p35-(23)-p10 1993596 Gap 1.4 bits
p35-p10 1993596 total 5.3 bits
p35 4.3 bits
p10 2.2 bits
p35-(24)-p10 1993587 Gap 2.4 bits
p35-p10 1993587 total 4.1 bits
p35 5.5 bits
p35-(23)-p10 1993568 Gap 1.4 bits
p35-p10 1993568 total 7.2 bits
p35-p10 1993560 total 5.1 bits
*1993540
*1993530
*1993520
*1993510
*1993500
*1993490
*1993480
*1993470
5′ c c g t t g g t g a c g g g c g t g a c c a t a a c t g t g g a c a a t c g a a t t g a c a a a a a c g a g a g a a a a a t c g a a t a c c c a c c a t t t t t a 3′
- pro - leu - val - thr - gly - val - thr - ile - thr - val - asp - asn - arg - ile - asp - lys - asn - glu - arg - lys - ile - glu - tyr - pro - pro - phe - leu -
-fMet - thr - lys - thr - arg - glu - lys - ser - asn - thr - his - his - phe -
sd
ir uvrY_yecF-
[### ... orf
sd-(10)-ir 1993507 Gap 2.7 bits


- 3 -
|------------------| sd-ir 1993507 uvrY_yecF- total 5.0 bits
*1993460 *1993450 *1993440 *1993430 *1993420 *1993410 *1993400 *1993390
5′ a c g t t t c a a a g t t g c a a t a a a a a c c g c t a a t a t a c g a a t g a c t a a c t a t c a g t a g c g t t a t c c c t a t t t c t g g a g a t a t t c 3′
- thr - phe - gln - ser - cys - asn - lys - asn - arg -
-fMet - thr - asn - tyr - gln -
-fMet - gln -
... orf 14 codons
p10 6.3 bits
sd
... ir
p35 5.2 bits
{-----------------
... sd-(11)-ir 199
{---} p35-(24)-p10 1993438 Gap 2.4 bits
|---| p35-p10 1993438 total 9.1 bits
|----------------
... sd-ir 1993383
*1993380 *1993370 *
5′ c t t t g a t c a a c g t t c t a c t t g t 3′
-fMet -
-fMet - ile - asn - val - leu - leu -
... ir uvrY_yecF-
... ----} sd-(11)-ir 1993383 Gap 3.0 bits
... ----| sd-ir 1993383 uvrY_yecF- total 5.9 bits
[------------------------------------ ... NC_000913.uvrY