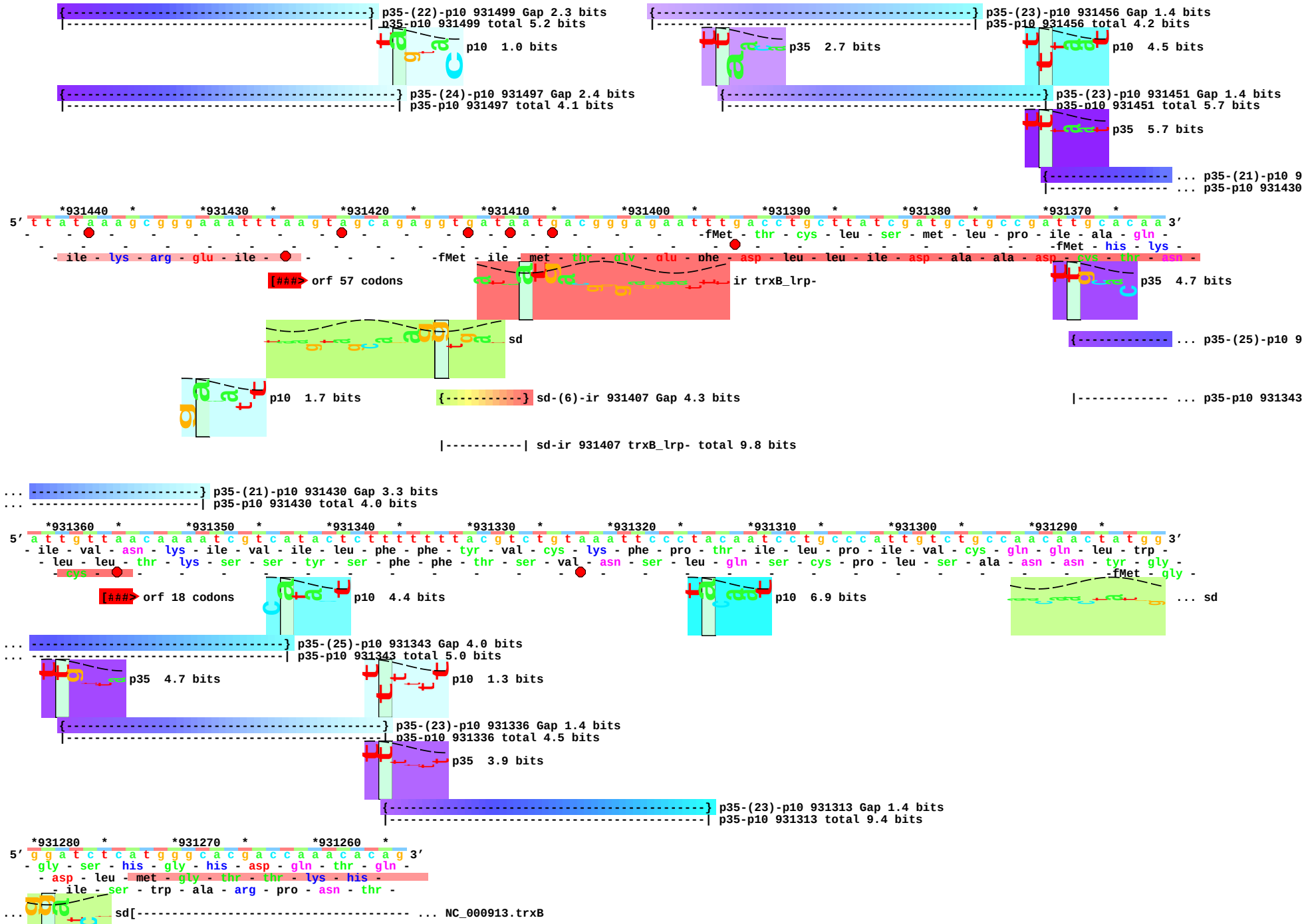
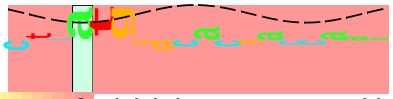
piece 1, NC_000913, trxB_lrp-, config: linear, direction: -, begin: 931847, end: 931254


{---------} p35-(22)-p10 931499 Gap 2.3 bits
|---------| p35-p10 931499 total 5.2 bits
p10 1.0 bits
{---------} p35-(24)-p10 931497 Gap 2.4 bits
|---------| p35-p10 931497 total 4.1 bits
{---------} p35-(23)-p10 931456 Gap 1.4 bits
|---------| p35-p10 931456 total 4.2 bits
p35 2.7 bits
p10 4.5 bits
{---------} p35-(23)-p10 931451 Gap 1.4 bits
|---------| p35-p10 931451 total 5.7 bits
p35 5.7 bits
{---------- ... p35-(21)-p10 9
|---------- ... p35-p10 931430
*931440 *931430 *931420 *931410 *931400 *931390 *931380 *931370 *
5′ t t a t a a a g c g g a a a t t t a a g t a g c a g a g g t g a t a a t g a c g g g a g a a t t t g a c c t g c t t a t c g a t g c t g c c g a t t g c a c a a 3′
- ile - lys - arg - glu - ile - -fMet - ile - met - thr - glu - glu - phe - asp - leu - leu - ile - asp - ala - ala - asp - cys - thr - asn -
-fMet - thr - cys - leu - ser - met - leu - pro - ile - ala - gln -
-fMet - his - lys -
[###> orf 57 codons
ir trxB_lrp-
p35 4.7 bits
sd
{---------- ... p35-(25)-p10 9
p10 1.7 bits
{----------} sd-(6)-ir 931407 Gap 4.3 bits
|---------- ... p35-p10 931343
|----------| sd-ir 931407 trxB_lrp- total 9.8 bits
... ----------} p35-(21)-p10 931430 Gap 3.3 bits
... ----------| p35-p10 931430 total 4.0 bits
*931360 *931350 *931340 *931330 *931320 *931310 *931300 *931290 *
5′ a t t g t t a a c a a a a t c g t c a t a c t c t t t t t t t a c g t c t g t a a a t t c c c t a c a a t c c t g c c c a t t g t c t g c c a a c a a c t a t g g 3′
- ile - val - asn - lys - ile - val - ile - leu - phe - phe - tyr - val - cys - lys - phe - pro - thr - ile - leu - pro - ile - val - cys - gln - gln - gln - leu - trp -
- leu - leu - thr - lys - ser - ser - tyr - ser - phe - phe - thr - ser - val - asn - ser - leu - gln - ser - cys - pro - leu - ser - ala - asn - asn - tyr - gly -
-cys - -fMet - gly -
[###> orf 18 codons
p10 4.4 bits
p10 6.9 bits
... sd
... ----------} p35-(25)-p10 931343 Gap 4.0 bits
... ----------| p35-p10 931343 total 5.0 bits
p35 4.7 bits
p10 1.3 bits
{---------} p35-(23)-p10 931336 Gap 1.4 bits
|---------| p35-p10 931336 total 4.5 bits
p35 3.9 bits
{---------} p35-(23)-p10 931313 Gap 1.4 bits
|---------| p35-p10 931313 total 9.4 bits
*931280 *931270 *931260 *
5′ g g a t c t c a t g g g c a c g a c c a a a c a c a g 3′
- gly - ser - his - gly - his - asp - gln - thr - gln -
- asp - leu - met - gly - thr - thr - lys - his -
- ile - ser - trp - ala - arg - pro - asn - thr -
... sd[---------- ... NC_000913.trxB



ir trxB_lrp-

{----------} sd-(6)-ir 931273 Gap 4.3 bits
|----------| sd-ir 931273 trxB_lrp- total 6.8 bits