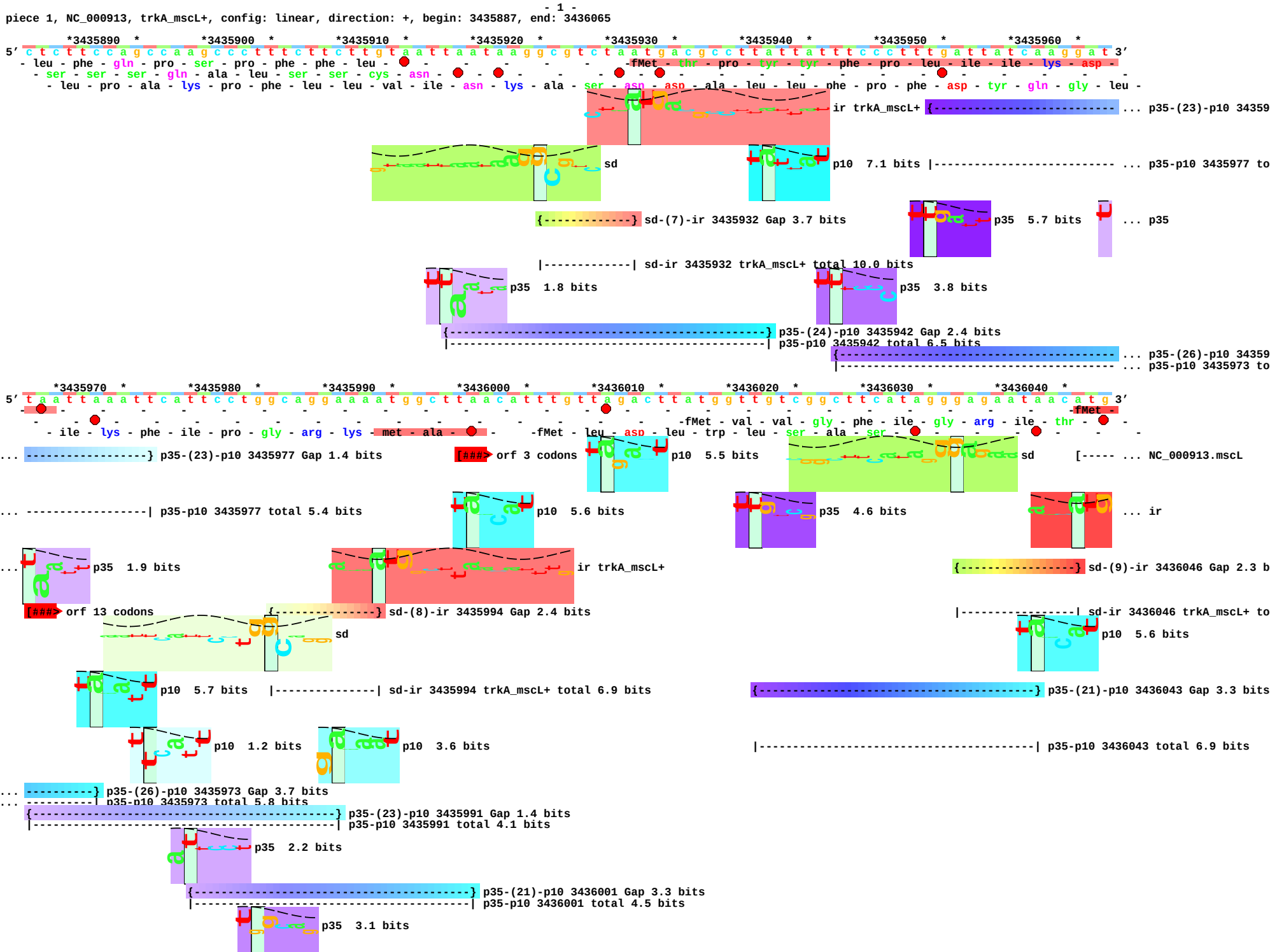
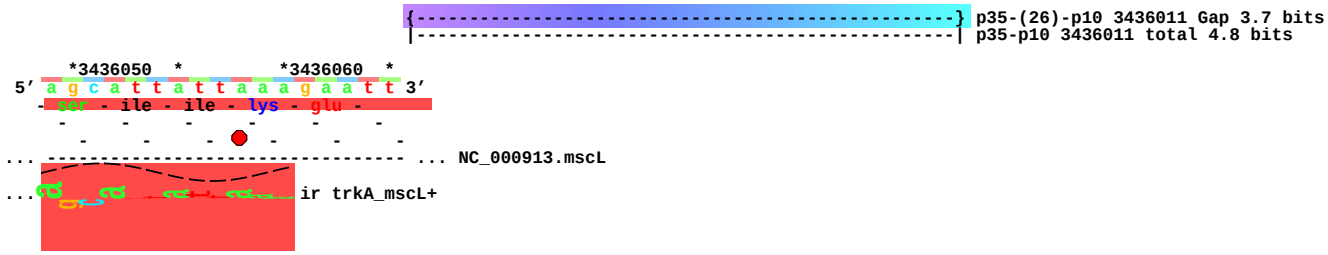

piece 1, NC_000913, trkA_mscL+, config: linear, direction: +, begin: 3435887, end: 3436065
*3435890 *3435900 *3435910 *3435920 *3435930 *3435940 *3435950 *3435960 *
5′ c t c t t c c a g c c a a g c c c t t t c t t c t t g t a a t t a a t a a g g c g t c t a a t g a c g c c t t a t t a t t t c c c t t t g a t t a t c a a g g a t 3′
- leu - phe - gln - pro - ser - pro - phe - phe - leu - -fMet - thr - pro - tyr - tyr - phe - pro - leu - ile - ile - lys - asp -
- ser - ser - ser - gln - ala - leu - ser - ser - cys - asn - leu - pro - ala - lys - pro - phe - leu - leu - val - ile - asn - lys - ala - ser - asn - asp - ala - leu - leu - phe - pro - phe - asp - tyr - gln - gly - leu -
ir trkA_mscL+ {---------- ... p35-(23)-p10 34359
sd p10 7.1 bits |---------- ... p35-p10 3435977 to
{----------} sd-(7)-ir 3435932 Gap 3.7 bits p35 5.7 bits ... p35
|----------| sd-ir 3435932 trkA_mscL+ total 10.0 bits
p35 1.8 bits p35 3.8 bits
{----------} p35-(24)-p10 3435942 Gap 2.4 bits
|----------| p35-p10 3435942 total 6.5 bits
{---------- ... p35-(26)-p10 34359
|---------- ... p35-p10 3435973 to
*3435970 *3435980 *3435990 *3436000 *3436010 *3436020 *3436030 *3436040 *
5′ t a a t t a a a t t c a t t c c t g g c a g g a a a a t g g c t t a a c a t t t g t t a g a c t t a t g g t t g t c g g c t t c a t a g g g a g a a t a a c a t g 3′
-fMet -
-fMet - val - val - gly - phe - ile - gly - arg - ile - thr -
- ile - lys - phe - ile - pro - gly - arg - lys - met - ala - -fMet - leu - asp - leu - trp - leu - ser - ala - ser -
... ----------} p35-(23)-p10 3435977 Gap 1.4 bits [###> orf 3 codons p10 5.5 bits sd [----- ... NC_000913.mscL
... ----------| p35-p10 3435977 total 5.4 bits p10 5.6 bits p35 4.6 bits ... ir
... p35 1.9 bits ir trkA_mscL+ {---------- sd-(9)-ir 3436046 Gap 2.3 b
[###> orf 13 codons {---------- sd-(8)-ir 3435994 Gap 2.4 bits |---------- sd-ir 3436046 trkA_mscL+ to
sd p10 5.6 bits
p10 5.7 bits |---------- sd-ir 3435994 trkA_mscL+ total 6.9 bits {---------- p35-(21)-p10 3436043 Gap 3.3 bits
p10 1.2 bits p10 3.6 bits |---------- p35-p10 3436043 total 6.9 bits
... ----------} p35-(26)-p10 3435973 Gap 3.7 bits
... ----------| p35-p10 3435973 total 5.8 bits
{---------- p35-(23)-p10 3435991 Gap 1.4 bits
|---------- p35-p10 3435991 total 4.1 bits
p35 2.2 bits
{---------- p35-(21)-p10 3436001 Gap 3.3 bits
|---------- p35-p10 3436001 total 4.5 bits
p35 3.1 bits


{----------} p35-(26)-p10 3436011 Gap 3.7 bits
|----------| p35-p10 3436011 total 4.8 bits
*3436050 *
*3436060 *
5’ a g c a t t a t t a a a g a a t t 3’
- ser - ile - ile - lys - glu -
... ... NC_000913.mscL
... ir trkA_mscL+