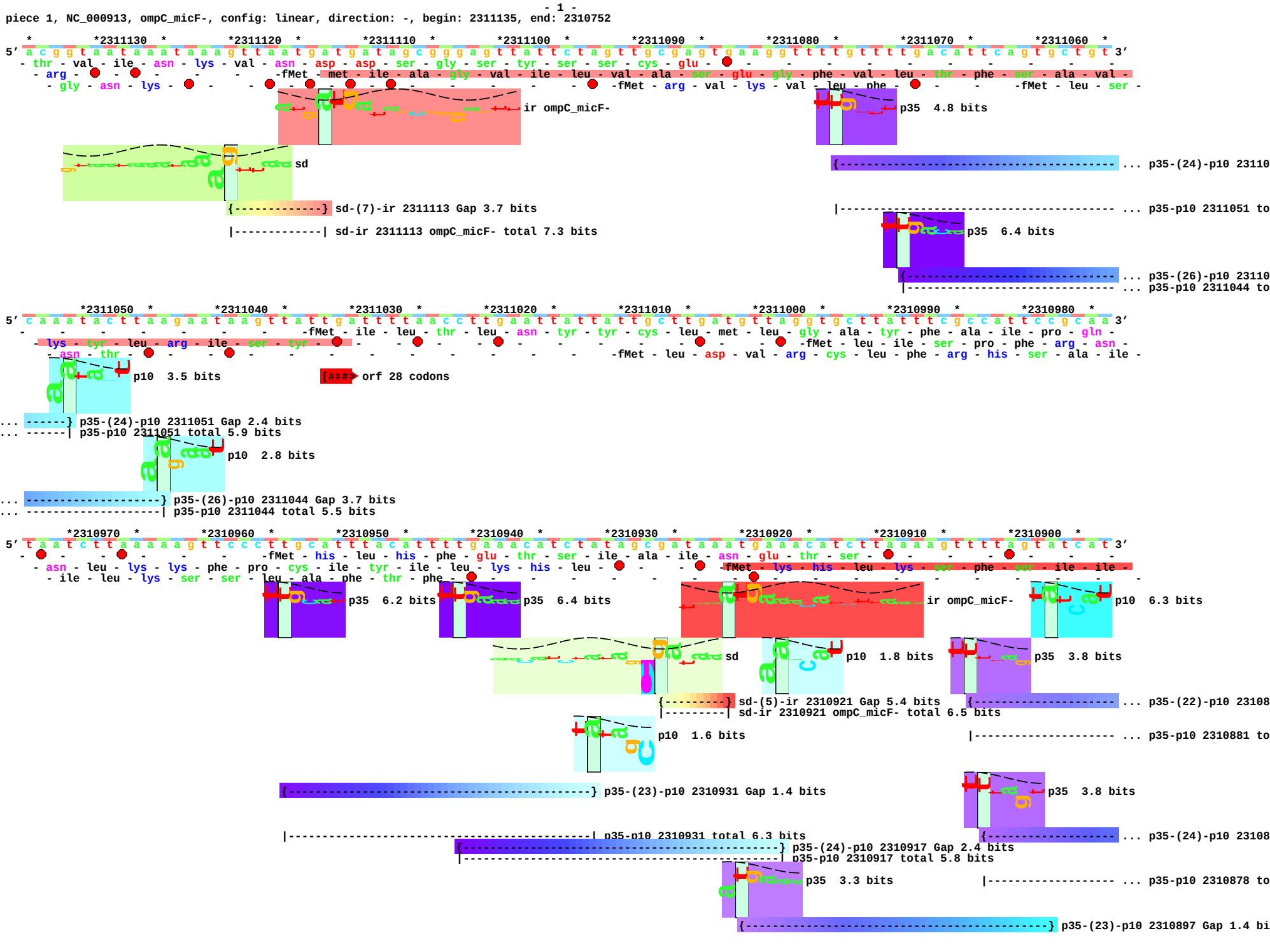
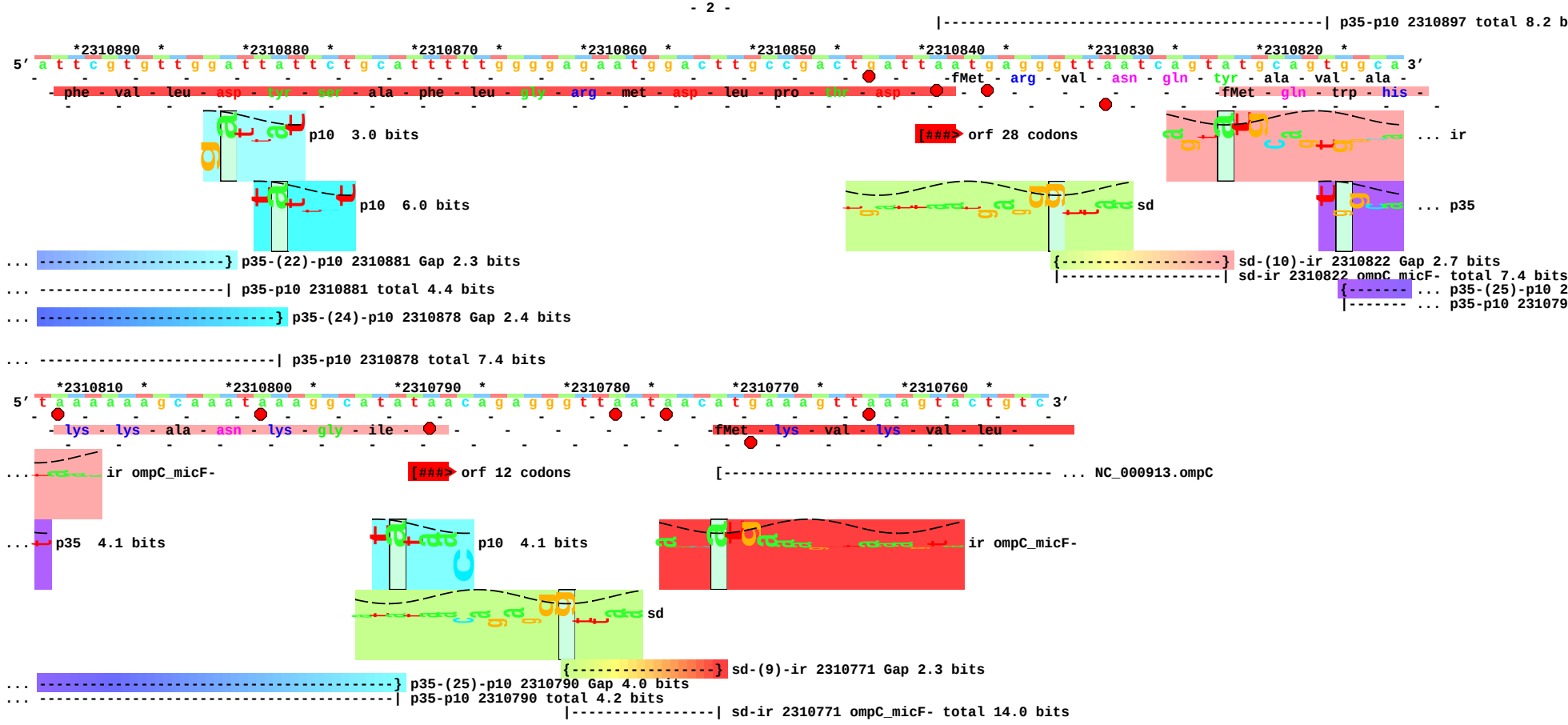

piece 1, NC_000913, ompC_micF-, config: linear, direction: -, begin: 2311135, end: 2310752
*2311130 *2311120 *2311110 *2311100 *2311090 *2311080 *2311070 *2311060 *
5′ a c g g t a a t a a a t a a a g t t a a t g a t g a t a g c g g a g t t a t t c t a g t t g c g a g t g a a g g t t t t g t t t t g a c a t t c a g t g c t g t 3′
- thr - val - ile - asn - lys - val - asn - asp - asp - ser - gly - ser - tyr - ser - ser - cys - glu -
- arg - -fMet - met - ile - ala - gly - val - ile - leu - val - ala - ser - glu - gly - phe - val - leu - thr - phe - ser - ala - val -
- gly - asn - lys - -fMet - arg - val - lys - val - leu - phe - -fMet - leu - ser -
ir ompC_micF-
p35 4.8 bits
sd
{---------- ... p35-(24)-p10 23110
{----------} sd-(7)-ir 2311113 Gap 3.7 bits
|---------- ... p35-p10 2311051 to
|----------| sd-ir 2311113 ompC_micF- total 7.3 bits
p35 6.4 bits
{---------- ... p35-(26)-p10 23110
|---------- ... p35-p10 2311044 to
*2311050 *2311040 *2311030 *2311020 *2311010 *2311000 *2310990 *2310980 *
5′ c a a a t a c t t a a g a a t a a g t t a t t g a t t t t a a c c t t g a a t t a t t a t t g c t t g a t g t t a g g t g c t t a t t t c g c c a t t c c g c a a 3′
- -fMet - ile - leu - thr - leu - asn - tyr - tyr - cys - leu - met - leu - gly - ala - tyr - phe - ala - ile - pro - gln -
- lys - tyr - leu - arg - ile - ser - tyr - -fMet - leu - ile - ser - pro - phe - arg - asn -
- asn - thr - -fMet - leu - asp - val - arg - cys - leu - phe - arg - his - ser - ala - ile -
p10 3.5 bits
[###> orf 28 codons
... ------} p35-(24)-p10 2311051 Gap 2.4 bits
... ------| p35-p10 2311051 total 5.9 bits
p10 2.8 bits
... ----------} p35-(26)-p10 2311044 Gap 3.7 bits
... ----------| p35-p10 2311044 total 5.5 bits
*2310970 *2310960 *2310950 *2310940 *2310930 *2310920 *2310910 *2310900 *
5′ t a a t c t t a a a a a g t t c c c t t g c a t t t a c a t t t t g a a a c a t c t a t a g c g a t a a a t g a a a c a t c t t a a a a g t t t t a g t a t c a t 3′
- -fMet - his - leu - his - phe - glu - thr - ser - ile - ala - ile - asn - glu - thr - ser -
- asn - leu - lys - lys - phe - pro - cys - ile - tyr - ile - leu - lys - his - leu - -fMet - lys - his - leu - lys - ser - phe - ser - ile - ile -
- ile - leu - lys - ser - ser - leu - ala - phe - thr - phe -
p35 6.2 bits
p35 6.4 bits
ir ompC_micF-
p10 6.3 bits
sd
p10 1.8 bits
p35 3.8 bits
{---------} sd-(5)-ir 2310921 Gap 5.4 bits
|---------| sd-ir 2310921 ompC_micF- total 6.5 bits
{---------- ... p35-(22)-p10 23108
p10 1.6 bits
|---------- ... p35-p10 2310881 to
{----------} p35-(23)-p10 2310931 Gap 1.4 bits
p35 3.8 bits
|----------| p35-p10 2310931 total 6.3 bits
{---------- ... p35-(24)-p10 23108
{----------} p35-(24)-p10 2310917 Gap 2.4 bits
|----------| p35-p10 2310917 total 5.8 bits
p35 3.3 bits
|---------- ... p35-p10 2310878 to
{----------} p35-(23)-p10 2310897 Gap 1.4 bi


|---------- p35-p10 2310897 total 8.2 b
*2310890 *2310880 *2310870 *2310860 *2310850 *2310840 *2310830 *2310820 *
5′ a t t c g t g t t g g a t t a t t c t g c a t t t t t g g g g a g a a t g g a c t t g c c g a c t g a t t a a t g a g g g t t a a t c a g t a t g c a g t g g c a 3′
-fMet - arg - val - asn - gln - tyr - ala - val - ala -
- phe - val - leu - asp - tyr - ser - ala - phe - leu - gly - arg - met - asp - leu - pro - thr - asp -
-fMet - gln - trp - his -
p10 3.0 bits
[###> orf 28 codons
... ir
p10 6.0 bits
sd
... p35
... ----------} p35-(22)-p10 2310881 Gap 2.3 bits
{----------} sd-(10)-ir 2310822 Gap 2.7 bits
... ----------| p35-p10 2310881 total 4.4 bits
|----------| sd-ir 2310822 ompC_micF- total 7.4 bits
{------- ... p35-(25)-p10 2
... ----------} p35-(24)-p10 2310878 Gap 2.4 bits
|------- ... p35-p10 231079
... ----------| p35-p10 2310878 total 7.4 bits
*2310810 *2310800 *2310790 *2310780 *2310770 *2310760 *
5′ t a a a a a a g c a a a t a a a g g c a t a t a a c a g a g g g t t a a t a a c a t g a a a g t t a a a g t a c t g t c 3′
- lys - lys - ala - asn - lys - gly - ile -
-fMet - lys - val - lys - val - leu -
... ir ompC_micF-
[###> orf 12 codons
[---------- ... NC_000913.ompC
... p35 4.1 bits
p10 4.1 bits
ir ompC_micF-
sd
{----------} sd-(9)-ir 2310771 Gap 2.3 bits
... ----------} p35-(25)-p10 2310790 Gap 4.0 bits
... ----------| p35-p10 2310790 total 4.2 bits
|----------| sd-ir 2310771 ompC_micF- total 14.0 bits