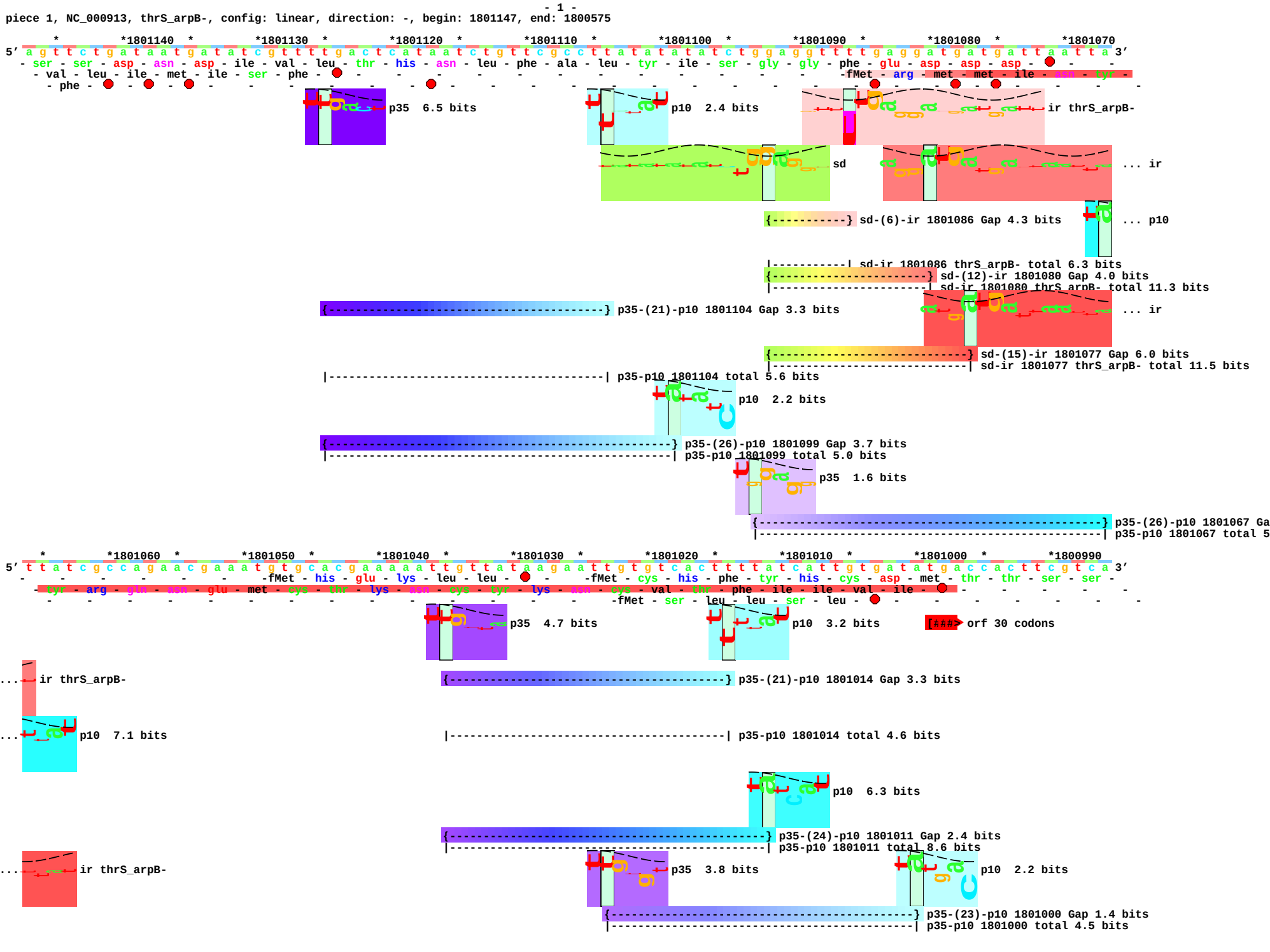
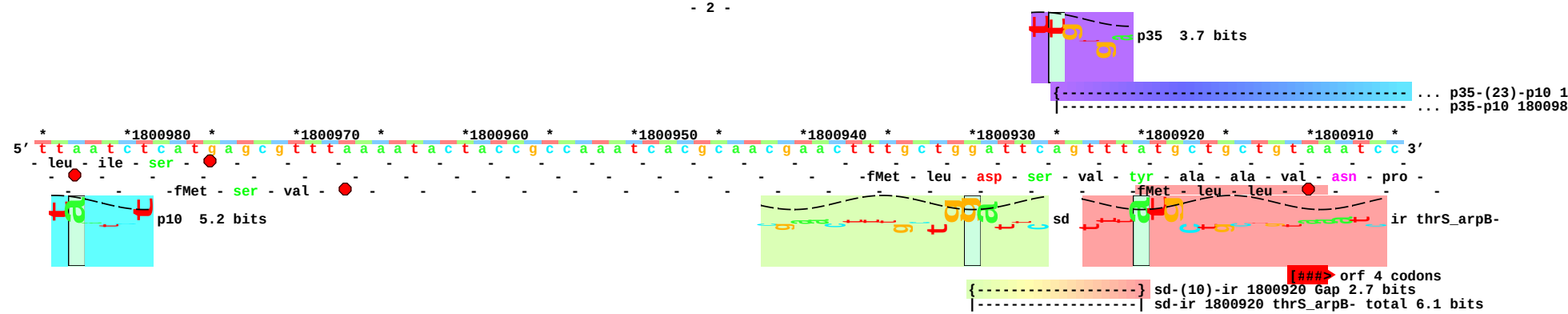
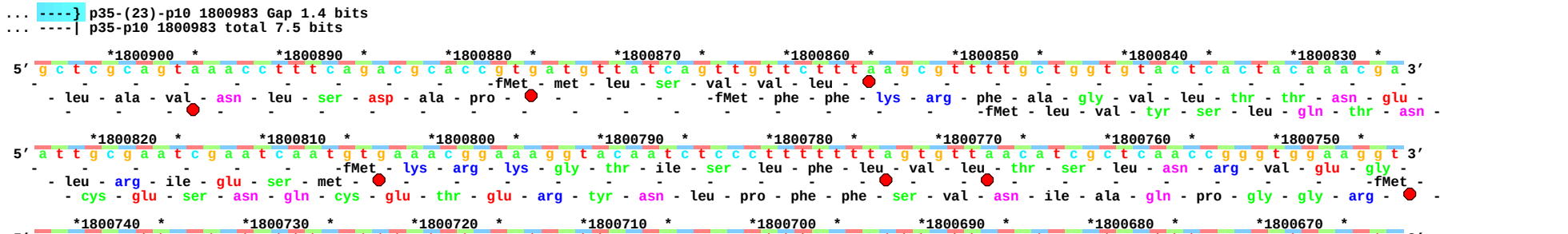
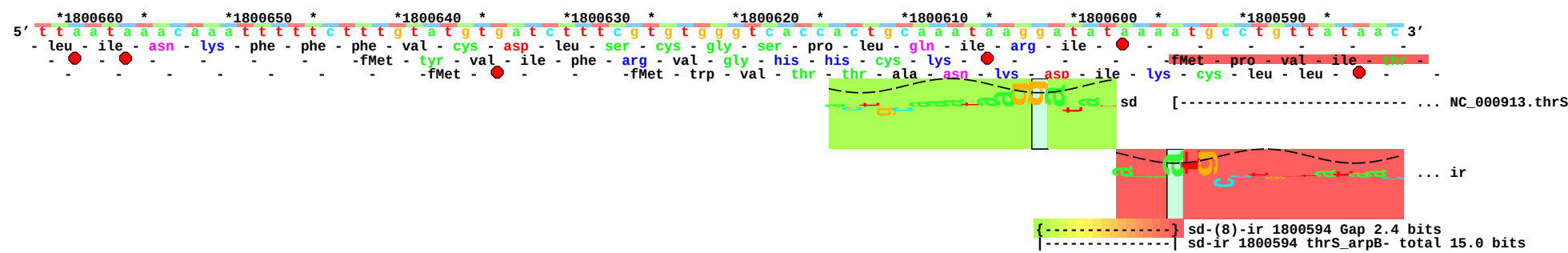
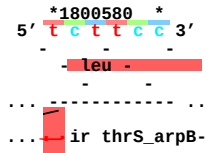

piece 1, NC_000913, thrS_arpB-, config: linear, direction: -, begin: 1801147, end: 1800575
*1801140 *1801130 *1801120 *1801110 *1801100 *1801090 *1801080 *1801070
5′ a g t t c t g a t a a t g a t a t c g t t t t g a c t c a t a a t c t g t t c g c c t t a t a t a t c t g g a g g t t t g a g g a t g a t g a t t a a t t a 3′
- ser - ser - asp - asn - asp - ile - val - leu - thr - his - asn - leu - phe - ala - leu - tyr - ile - ser - gly - gly - phe - glu - asp - asp - asp -
- val - leu - ile - met - ile - ser - phe - fMet - arg - met - met - ile - asn - tyr -
- phe -
p35 6.5 bits
p10 2.4 bits
ir thrS_arpB-
sd
... ir
{----------} sd-(6)-ir 1801086 Gap 4.3 bits
... p10
|----------| sd-ir 1801086 thrS_arpB- total 6.3 bits
{----------} sd-(12)-ir 1801080 Gap 4.0 bits
|----------| sd-ir 1801080 thrS_arpB- total 11.3 bits
{----------} p35-(21)-p10 1801104 Gap 3.3 bits
... ir
{----------} sd-(15)-ir 1801077 Gap 6.0 bits
|----------| sd-ir 1801077 thrS_arpB- total 11.5 bits
|----------| p35-p10 1801104 total 5.6 bits
p10 2.2 bits
{----------} p35-(26)-p10 1801099 Gap 3.7 bits
|----------| p35-p10 1801099 total 5.0 bits
p35 1.6 bits
{----------} p35-(26)-p10 1801067 Ga
|----------| p35-p10 1801067 total 5
*1801060 *1801050 *1801040 *1801030 *1801020 *1801010 *1801000 *1800990
5′ t t a t c g c c a g a a c g a a a t g t g c a c g a a a a a t t g t t a t a a g a a t t g t g t c a c t t t t a t c a t t g t g a t a t g a c c a c t t c g t c a 3′
- fMet - his - glu - lys - leu - leu - fMet - cys - his - phe - tyr - his - cys - asp - met - thr - thr - ser - ser -
- tyr - arg - gln - asn - glu - met - cys - thr - lys - asn - cys - tyr - lys - asn - cys - val - thr - phe - ile - ile - val - ile -
- fMet - ser - leu - leu - ser - leu -
p35 4.7 bits
p10 3.2 bits
[###> orf 30 codons
... ir thrS_arpB-
{----------} p35-(21)-p10 1801014 Gap 3.3 bits
... p10 7.1 bits
|----------| p35-p10 1801014 total 4.6 bits
p10 6.3 bits
{----------} p35-(24)-p10 1801011 Gap 2.4 bits
|----------| p35-p10 1801011 total 8.6 bits
... ir thrS_arpB-
p35 3.8 bits
p10 2.2 bits
{----------} p35-(23)-p10 1801000 Gap 1.4 bits
|----------| p35-p10 1801000 total 4.5 bits


p35 3.7 bits
... p35-(23)-p10 1
... p35-p10 180098
p10 5.2 bits
sd
ir thrS_arpB-
orf 4 codons
sd-(10)-ir 1800920 Gap 2.7 bits
sd-ir 1800920 thrS_arpB- total 6.1 bits


p35-(23)-p10 1800983 Gap 1.4 bits
p35-p10 1800983 total 7.5 bits
p35 3.8 bits
p10 4.5 bits
p35-(25)-p10 1800696 Gap 4.0 bits
p35-p10 1800696 total 4.3 bits


sd
... NC_000913.thrS
... ir
sd-(8)-ir 1800594 Gap 2.4 bits
sd-ir 1800594 thrS_arpB- total 15.0 bits


... NC_000913.thrS
... ir thrS_arpB-