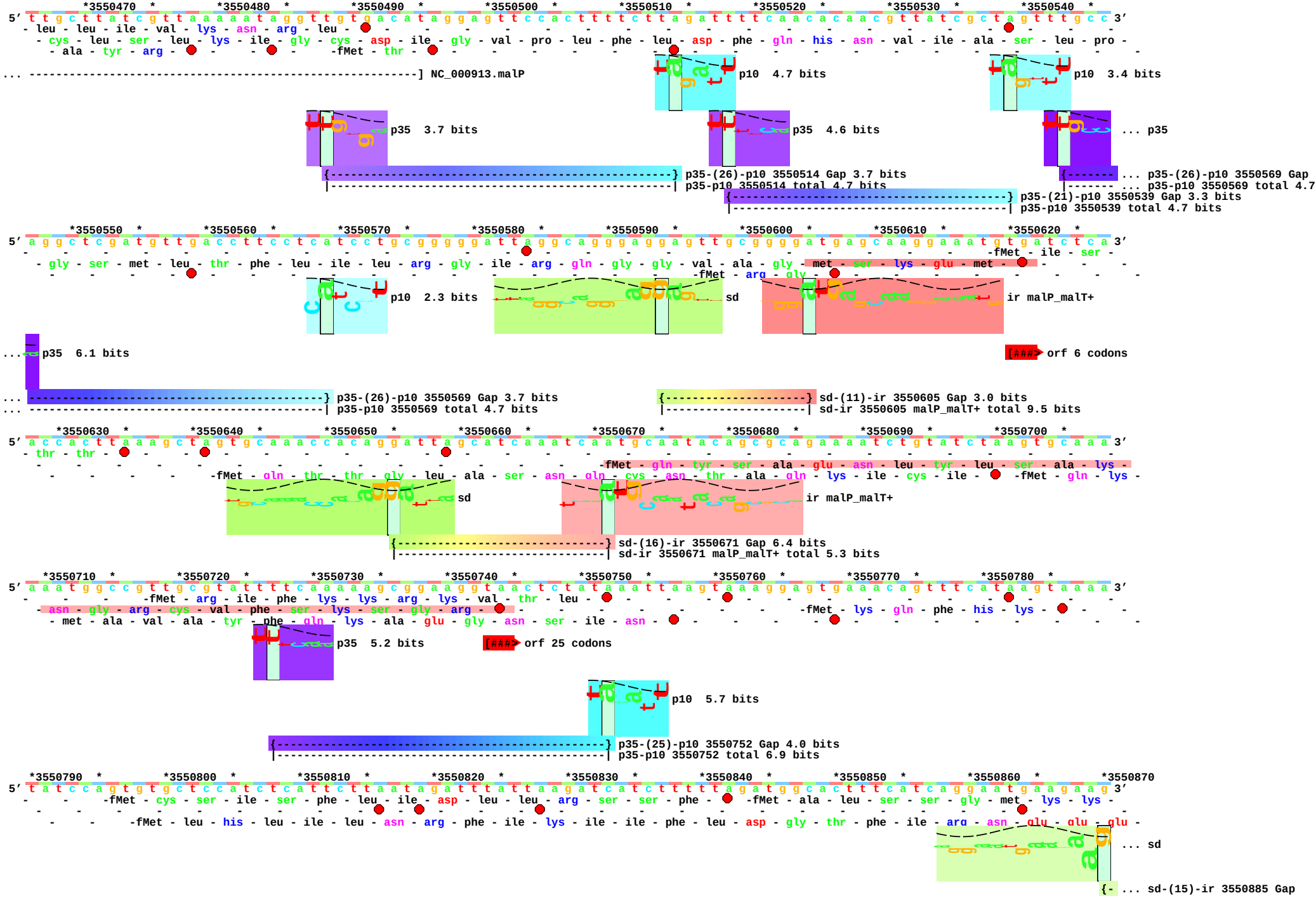
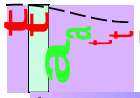
piece 1, NC_000913, malP_malT+, config: linear, direction: +, begin: 3550466, end: 3551126




|- ... sd-ir 3550885 malP_malT+
*3550880 *3550890 *3550900 *3550910 *3550920 *3550930 *3550940 *3550950
5′ a a a c c c t t g c t t a a a t g a a t c t g a t g a a c a t a a g g g a a a c c a g t a t t c a c g c t g g a t c a g c g t c g t t t t a g g t g a g t t g t t 3′
- lys - pro - leu - leu - lys - -fMet - leu -
- thr - leu - ala - -fMet - asn - leu - met - asn - ile - arg - glu - thr - ser - ile - his - ala - gly - ser - ala - ser - phe - -fMet - ser - cys -
... sd
ir malP_malT+
[###> orf 19 codons
... sd-(15)-ir 3550885 Gap 6.0 bits
... sd
... sd-ir 3550885 malP_malT+ total 5.8 bits
ir malP_malT+
sd
{ sd-(7)-ir 3550894 Gap 3.7 bits
| sd-ir 3550894 malP_malT+ total 5.9 bits
*3550960 *3550970 *3550980 *3550990 *3551000 *3551010 *3551020 *3551030
5′ a a t a a a g a t t t g g a a t t g t g a c a c a g t g c a a a t t c a g a c a c a t a a a a a a a c g t c a t c g c t t g c a t t a g a a a g g t t t c t g g c 3′
- ile - lys - ile - trp - asn - cys - asp - thr - val - gln - ile - gln - thr - his - lys - lys - thr - ser - ser - leu - ala - leu - glu - arg - phe - leu - ala -
-fMet - thr - gln - cys - lys - phe - arg - his - ile - lys - lys - arg - his - arg - leu - his -
ir malP_malT+
[###> orf 17 codons
... sd
p35 2.3 bits
{ sd-(11)-ir 3550969 Gap 3.0 bits
| sd-ir 3550969 malP_malT+ total 6.8 bits
{ ... p35-(22)-p10 3551040 Gap
| ... p35-p10 3551040 total 4.1
*3551040 *3551050 *3551060 *3551070 *3551080 *3551090 *3551100 *3551110
5′ c g a c c t t a t a a c c a t t a a t t a c g a a g c g c a a a a a a a a t a a t a t t t c c t c a t t t t c c a c a g t g a a g t g a t t a a c t a t g c t g a 3′
- asp - leu - ile - thr - ile - asn - tyr - glu - ala - gln - lys - lys - -fMet - ile - asn - tyr - ala - asp -
-fMet - lys - -fMet - leu - ile -
p10 4.1 bits
p10 4.6 bits
sd
[------------ ... NC_000913.malT
p35 2.6 bits
p10 6.3 bits
p35 5.2 bits
... ir
... p35-(22)-p10 3551040 Gap 2.3 bits
p35 5.3 bits
{ sd-(10)-ir 3551107 Gap 2.7 bits
... p35-p10 3551040 total 4.1 bits
| sd-ir 3551107 malP_malT+ total 5.0 bits
{ p35-(22)-p10 3551069 Gap 2.3 bits
p10 2.6 bits
| p35-p10 3551069 total 4.8 bits
p10 5.3 bits



p35 1.9 bits

{----------} p35-(26)-p10 3551102 Gap 3.7 bits

{----------} p35-(23)-p10 3551071 Gap 1.4 bits

|----------| p35-p10 3551071 total 6.8 bits

|----------| p35-p10 3551102 total 4.2 bits

{----------} p35-(22)-p10 3551107 Gap 2.3 bits

|----------| p35-p10 3551107 total 8.2 bits