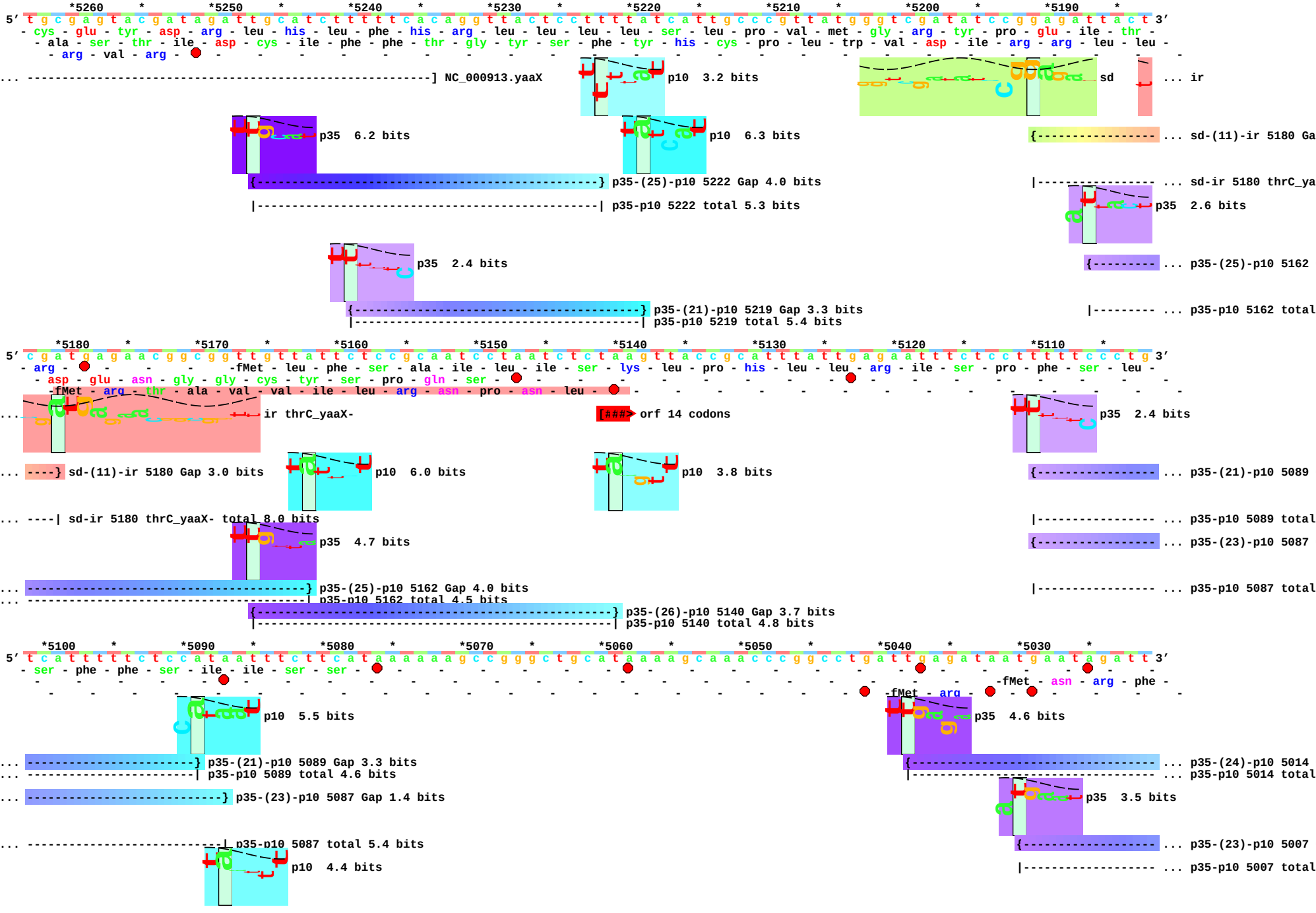
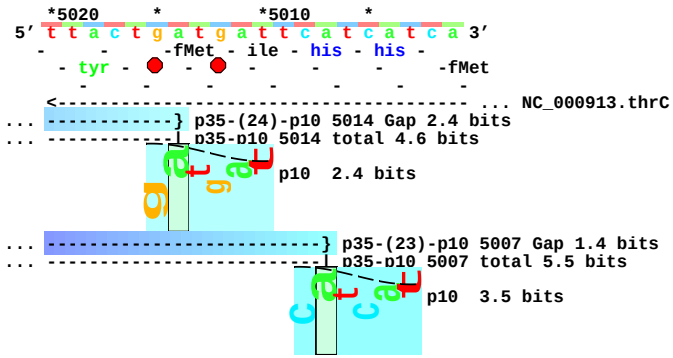
piece 1, NC_000913, thrC_yaaX-, config: linear, direction: -, begin: 5263, end: 5001


*5260 *5250 *5240 *5230 *5220 *5210 *5200 *5190
5′ t g c g a g t a c g a t a g a t t g c a t c t t t t t c a c a g g t t a c t c c t t t t a t c a t t g c c c g t t a t g g t c g a t a t c c g g a g a t t a c t 3′
- cys - glu - tyr - asp - arg - leu - his - leu - phe - his - arg - leu - leu - leu - leu - ser - leu - pro - val - met - gly - arg - tyr - pro - glu - ile - thr -
- ala - ser - thr - ile - asp - cys - ile - phe - phe - thr - gly - tyr - ser - phe - tyr - his - cys - pro - leu - trp - val - asp - ile - arg - arg - leu - leu -
- arg - val - arg -
... ----------] NC_000913.yaaX
p10 3.2 bits
sd
... ir
p35 6.2 bits
p10 6.3 bits
{---------- ... sd-(11)-ir 5180 Ga
{----------} p35-(25)-p10 5222 Gap 4.0 bits
|---------- ... sd-ir 5180 thrC_ya
|----------| p35-p10 5222 total 5.3 bits
p35 2.6 bits
p35 2.4 bits
{--------- ... p35-(25)-p10 5162
{----------} p35-(21)-p10 5219 Gap 3.3 bits
|--------- ... p35-p10 5162 total
|----------| p35-p10 5219 total 5.4 bits
*5180 *5170 *5160 *5150 *5140 *5130 *5120 *5110
5′ c g a t g a g a a c g g c g g t t g t t a t t c t c c g c a a t c c t a a t c t c t a a g t t a c c g c a t t t a t t g a g a a t t t c t c c t t t t c c c t g 3′
- arg - - - - -fMet - leu - phe - ser - ala - ile - leu - ile - ser - lys - leu - pro - his - leu - leu - arg - ile - ser - pro - phe - ser - leu -
- asp - glu - asn - gly - gly - cys - tyr - ser - pro - gln - ser -
-fMet - arg - thr - ala - val - val - ile - leu - arg - asn - pro - asn - leu -
... ir thrC_yaaX-
[###> orf 14 codons
p35 2.4 bits
... ----} sd-(11)-ir 5180 Gap 3.0 bits
p10 6.0 bits
p10 3.8 bits
{---------- ... p35-(21)-p10 5089
... ----| sd-ir 5180 thrC_yaaX- total 8.0 bits
|---------- ... p35-p10 5089 total
p35 4.7 bits
{---------- ... p35-(23)-p10 5087
... ----------} p35-(25)-p10 5162 Gap 4.0 bits
... ----------| p35-p10 5162 total 4.5 bits
|---------- ... p35-p10 5087 total
{----------} p35-(26)-p10 5140 Gap 3.7 bits
|----------| p35-p10 5140 total 4.8 bits
*5100 *5090 *5080 *5070 *5060 *5050 *5040 *5030
5′ t c a t t t t t c t c c a t a a t t t c t t c a t a a a a a a g c c g g g c t g c a t a a a a g c a a a c c c g g c c t g a t t g a g a t a a t g a a t a g a t t 3′
- ser - phe - phe - ser - ile - ile - ser - ser - - - - - - - - - - - - - - - - - - -


*5020
*5010
5' t t a c t g a t g a t t c a t c a t c a 3'
-fMet - ile - his - his -
- tyr -
-fMet
<---------- ... NC_000913.thrC
} p35-(24)-p10 5014 Gap 2.4 bits
p35-p10 5014 total 4.6 bits
p10 2.4 bits
} p35-(23)-p10 5007 Gap 1.4 bits
p35-p10 5007 total 5.5 bits
p10 3.5 bits