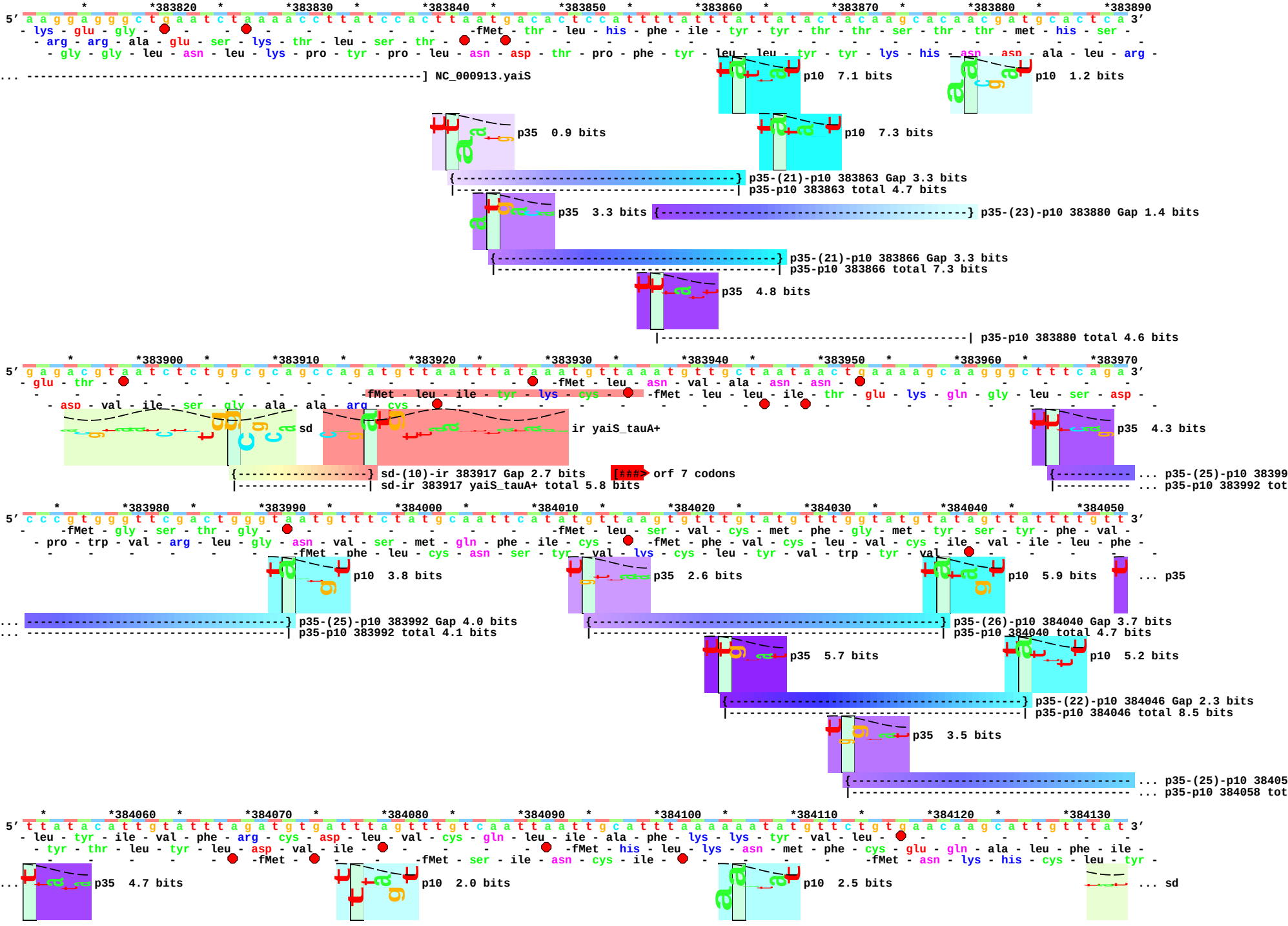
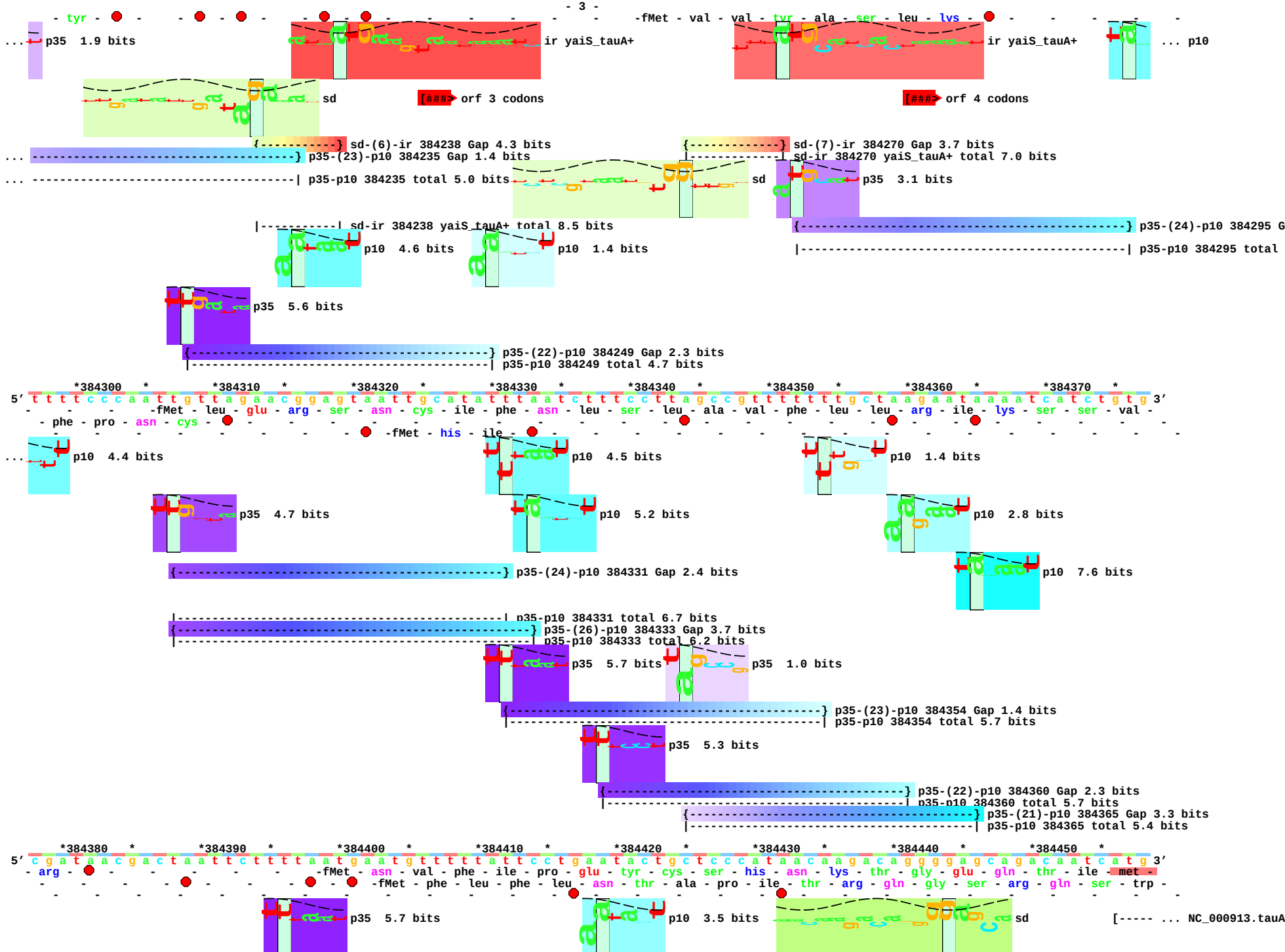
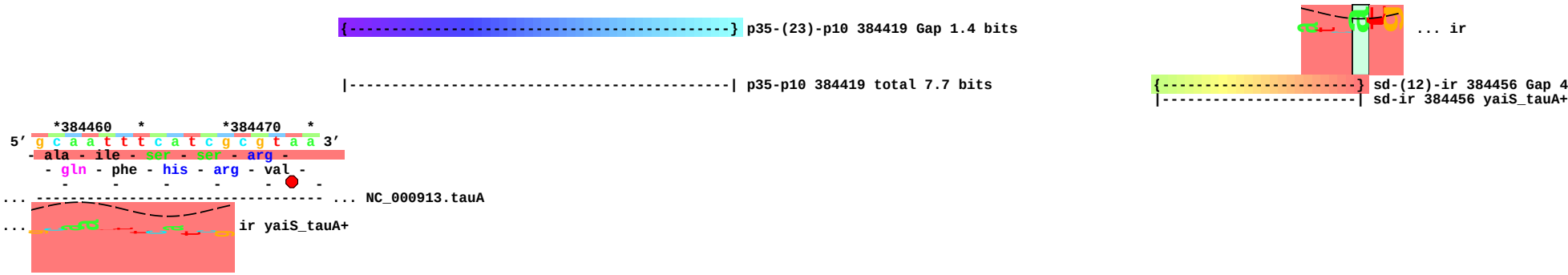
piece 1, NC_000913, yaiS_tauA+, config: linear, direction: +, begin: 383811, end: 384475



p10 5.1 bits
p10 3.4 bits
p10 4.6 bits
p10 0.7 bits
p35-(24)-p10 384078 Gap 2.4 bits
p35 5.6 bits
p35 4.8 bits
p35-p10 384078 total 4.3 bits
p35-(26)-p10 384080 Gap 3.7 bits
p35-p10 384080 total 4.4 bits
p35-(23)-p10 384123 Gap 1.4 bits
p35-p10 384123 total 4.9 bits
... p35-(24)-p10 3
p35 5.5 bits
p35-p10 384152
p35-(25)-p10 384058 Gap 4.0 bits
p35-p10 384058 total 4.6 bits
p35-(22)-p10 384106 Gap 2.3 bits
p35-p10 384106 total 5.7 bits
p35-(25)-p10 384109 Gap 4.0 bits
p35-p10 384109 total 6.1 bits
*384140
*384150
*384160
*384170
*384180
*384190
*384200
*384210
5' atacatttatgtgaatgtaatatgcgagtgattgagaatgatacagtgatatatacaatgcgaatataatagtttattata 3'
-fMet - asn - val - ile - cys - glu - -fMet - arg - met - ile - gln -
- tyr - ile - met - -fMet -
- thr - leu - cys - glu - cys - asn - met - arg - val - ile - glu - asn - asp - thr - val - ile - tyr - thr - met - arg - ile - -fMet -
... sd
ir yaiS_tauA+
[###> orf 4 codons
[###> orf 16 codons
... p35
sd-(11)-ir 384155 Gap 3.0 bits
p10 4.4 bits
ir yaiS_tauA+
sd-ir 384155 yaiS_tauA+ total 5.9 bits
sd-(10)-ir 384191 Gap 2.7 bits
p10 7.1 bits
sd
ir yaiS_tauA+
{------- ... p35-(23)-p10 3
sd-(10)-ir 384171 Gap 2.7 bits
p10 6.9 bits
|------- ... p35-p10 384235
... p35-(24)-p10 384152 Gap 2.4 bits
sd
... p35-p10 384152 total 8.7 bits
sd-ir 384191 yaiS_tauA+ total 6.0 bits
sd-ir 384171 yaiS_tauA+ total 5.6 bits
p10 6.3 bits
p35 4.6 bits
p35 1.4 bits
p35 3.6 bits
p35-(22)-p10 384188 Gap 2.3 bits
p35-(26)-p10 384176 Gap 3.7 bits
p35-p10 384176 total 4.3 bits
p35-p10 384188 total 9.2 bits
p35-(24)-p10 384210 Gap 2.4 b
p35-p10 384210 total 6.1 bits
*384220
*384230
*384240
*384250
*384260
*384270
*384280
*384290
5' tgtattgatattgatagaaataatgaagtaataaatctcgtaatgtggttgtttatgcatcactaaaatgaagtgtagtaa 3'
-fMet - ile - leu - ile - glu - ile - met - lys -
-fMet - trp - leu - phe - met - his - his -
-fMet -
-fMet - lys - cys - ser - asn -


- tyr -
-fMet - val - val - tyr - ala - ser - leu - lys -
... p35 1.9 bits
ir yaiS_tauA+
ir yaiS_tauA+
... p10
sd
[###> orf 3 codons
[###> orf 4 codons
{----------} sd-(6)-ir 384238 Gap 4.3 bits
{----------} sd-(7)-ir 384270 Gap 3.7 bits
... {----------} p35-(23)-p10 384235 Gap 1.4 bits
|----------| sd-ir 384270 yaiS_tauA+ total 7.0 bits
... |----------| p35-p10 384235 total 5.0 bits
sd
p35 3.1 bits
|----------| sd-ir 384238 yaiS_tauA+ total 8.5 bits
{----------} p35-(24)-p10 384295 G
p10 4.6 bits
p10 1.4 bits
|----------| p35-p10 384295 total
p35 5.6 bits
{----------} p35-(22)-p10 384249 Gap 2.3 bits
|----------| p35-p10 384249 total 4.7 bits
*384300
*384310
*384320
*384330
*384340
*384350
*384360
*384370
5′ t t t t c c c a a t t g t t a g a a c g g a g t a a t t g c a t a t t t a a t c t t t c c t t a g c c g t t t t t t t g c t a a g a a t a a a a t c a t c t g t g 3′
-fMet - leu - glu - arg - ser - asn - cys - ile - phe - asn - leu - ser - leu - ala - val - phe - leu - leu - arg - ile - lys - ser - ser - val -
- phe - pro - asn - cys -
-fMet - his - ile -
... p10 4.4 bits
p10 4.5 bits
p10 1.4 bits
p35 4.7 bits
p10 5.2 bits
p10 2.8 bits
{----------} p35-(24)-p10 384331 Gap 2.4 bits
p10 7.6 bits
|----------| p35-p10 384331 total 6.7 bits
{----------} p35-(26)-p10 384333 Gap 3.7 bits
|----------| p35-p10 384333 total 6.2 bits
p35 5.7 bits
p35 1.0 bits
{----------} p35-(23)-p10 384354 Gap 1.4 bits
|----------| p35-p10 384354 total 5.7 bits
p35 5.3 bits
{----------} p35-(22)-p10 384360 Gap 2.3 bits
|----------| p35-p10 384360 total 5.7 bits
{----------} p35-(21)-p10 384365 Gap 3.3 bits
|----------| p35-p10 384365 total 5.4 bits
*384380
*384390
*384400
*384410
*384420
*384430
*384440
*384450
5′ c g a t a a c g a c t a a t t c t t t t a a t g a a t g t t t t t a t t c c t g a a t a c t g c t c c c a t a a c a a g a c a g g g g a g c a g a c a a t c a t g 3′
- arg -
-fMet - asn - val - phe - ile - pro - glu - tyr - cys - ser - his - asn - lys - thr - gly - glu - gln - thr - ile - met -
-fMet - phe - leu - phe - leu - asn - thr - ala - pro - ile - thr - arg - gln - gly - ser - arg - gln - ser - trp -
p35 5.7 bits
p10 3.5 bits
sd
[----- ... NC_000913.tauA


{----------} p35-(23)-p10 384419 Gap 1.4 bits
|----------| p35-p10 384419 total 7.7 bits
... ir
{----------} sd-(12)-ir 384456 Gap 4
|----------| sd-ir 384456 yaiS_tauA+
*384460 * *384470 *
5′ g c a a t t t c a t c g c g t a a 3′
- ala - ile - ser - ser - arg -
- gln - phe - his - arg - val -
... ... NC_000913.tauA
... ir yaiS_tauA+