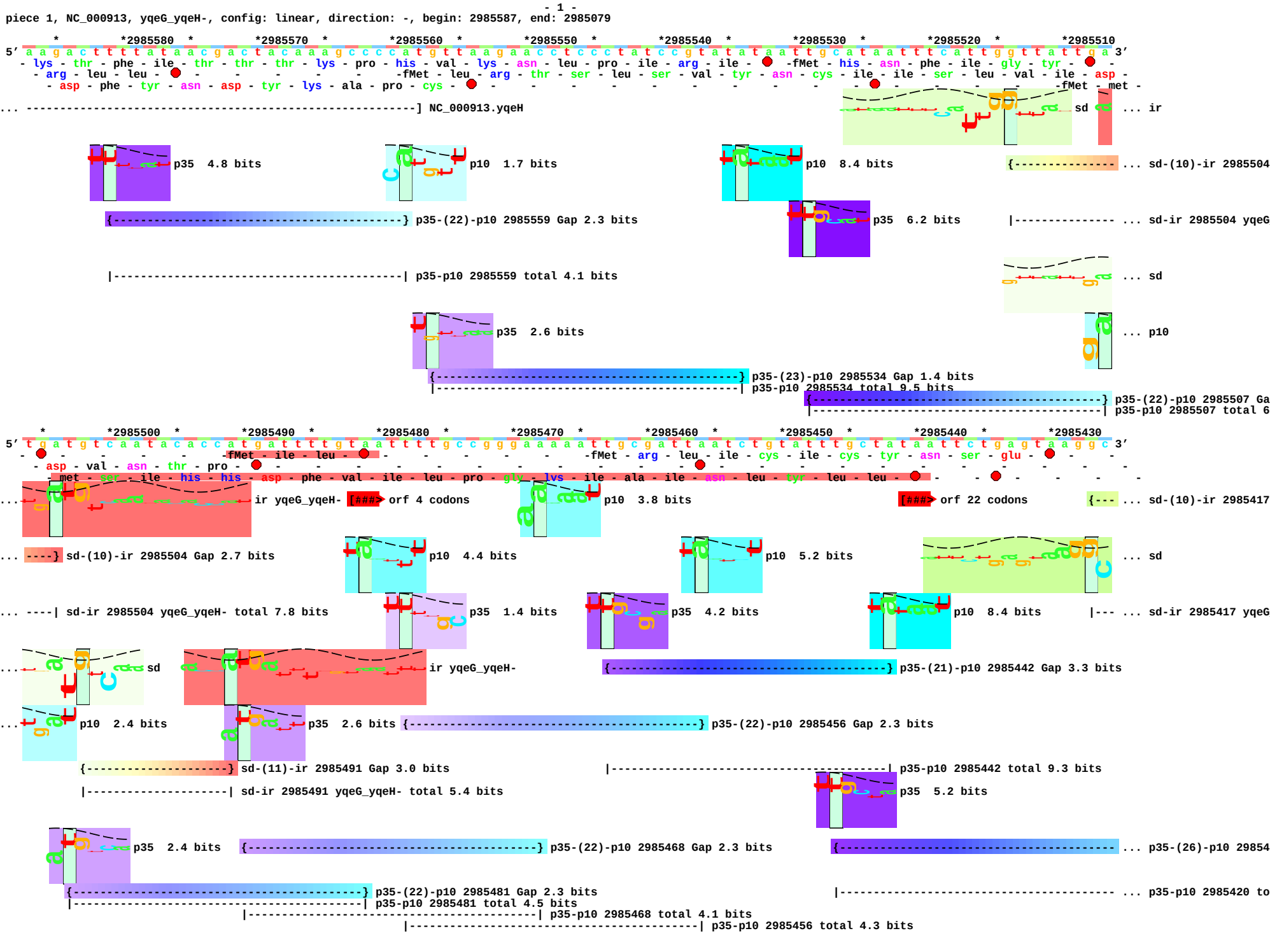
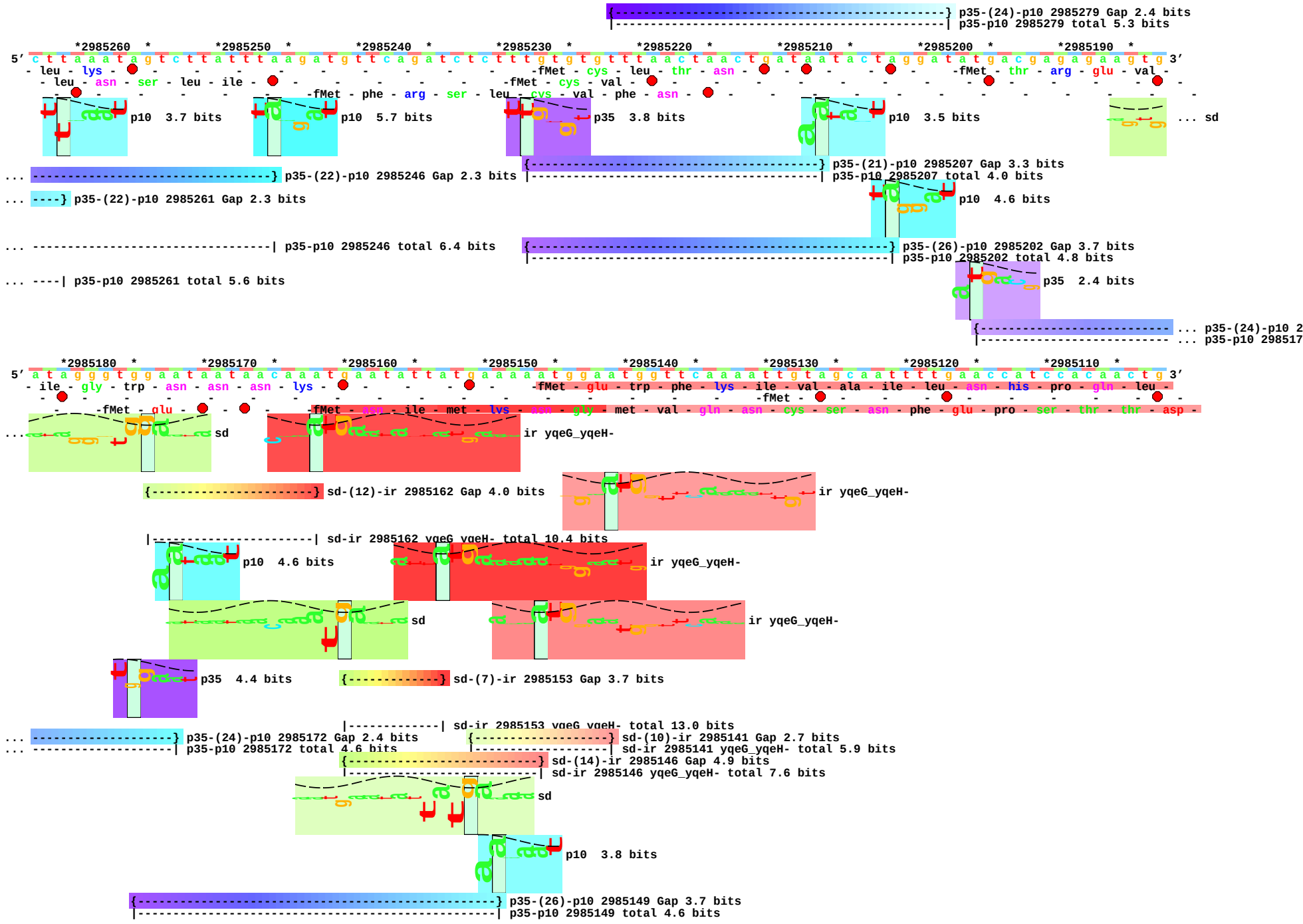
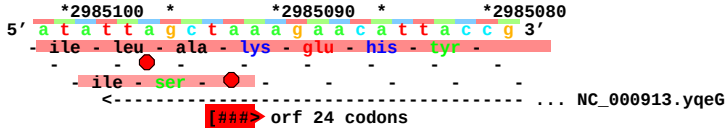

piece 1, NC_000913, yqeG_yqeH-, config: linear, direction: -, begin: 2985587, end: 2985079
*2985580 *2985570 *2985560 *2985550 *2985540 *2985530 *2985520 *2985510
5′ a a g a c t t t t a t a a c g a c t a c a a a g c c c a t g t t a a g a a c c t c c t a t c c g t a t a t a a t t g c a t a a t t t c a t t g g t t a t t g a 3′
- lys - thr - phe - ile - thr - thr - thr - lys - pro - his - val - lys - asn - leu - pro - ile - arg - ile - -fMet - his - asn - phe - ile - gly - tyr -
- arg - leu - leu - -fMet - leu - arg - thr - ser - leu - ser - val - tyr - asn - cys - ile - ile - ser - leu - val - ile - asp -
- asp - phe - tyr - asn - asp - tyr - lys - ala - pro - cys - -fMet - met -
...] NC_000913.yqeH
sd ... ir
p35 4.8 bits
p10 1.7 bits
p10 8.4 bits
... sd-(10)-ir 2985504
p35-(22)-p10 2985559 Gap 2.3 bits
p35 6.2 bits
... sd-ir 2985504 yqeG
p35-p10 2985559 total 4.1 bits
... sd
p35 2.6 bits
... p10
p35-(23)-p10 2985534 Gap 1.4 bits
p35-p10 2985534 total 9.5 bits
p35-(22)-p10 2985507 Ga
p35-p10 2985507 total 6
*2985500 *2985490 *2985480 *2985470 *2985460 *2985450 *2985440 *2985430
5′ t g a t g t c a a t a c a c c a t g a t t t t g t a a t t t t g c c g g g a a a a a t t g c g a t t a a c t g t a t t t g c t a t a a t t c t g a g t a a g g c 3′
- -fMet - ile - leu - -fMet - arg - leu - ile - cys - ile - cys - tyr - asn - ser - glu -
- asp - val - asn - thr - pro -
- met - ser - ile - his - his - asp - phe - val - ile - leu - pro - gly - lys - ile - ala - ile - asn - leu - tyr - leu - leu -
... ir yqeG_yqeH- [###> orf 4 codons
p10 3.8 bits
[###> orf 22 codons
... sd-(10)-ir 2985417
... ----} sd-(10)-ir 2985504 Gap 2.7 bits
p10 4.4 bits
p10 5.2 bits
... sd
... ----| sd-ir 2985504 yqeG_yqeH- total 7.8 bits
p35 1.4 bits
p35 4.2 bits
p10 8.4 bits
... sd-ir 2985417 yqeG
... sd
ir yqeG_yqeH-
p35-(21)-p10 2985442 Gap 3.3 bits
... p10 2.4 bits
p35 2.6 bits
p35-(22)-p10 2985456 Gap 2.3 bits
sd-(11)-ir 2985491 Gap 3.0 bits
p35-p10 2985442 total 9.3 bits
sd-ir 2985491 yqeG_yqeH- total 5.4 bits
p35 5.2 bits
p35 2.4 bits
p35-(22)-p10 2985468 Gap 2.3 bits
p35-(26)-p10 29854
p35-(22)-p10 2985481 Gap 2.3 bits
... p35-p10 2985420 to
p35-p10 2985481 total 4.5 bits
p35-p10 2985468 total 4.1 bits
p35-p10 2985456 total 4.3 bits

*2985420 *2985410 *2985400 *2985390 *2985380 *2985370 *2985360 *2985350 *
5' a t t t a a a a t g c a t t t c t c g t t a t c a a a t a t g a t t a t g t t t c a c t g a t t t a a t c t t g c a t g g t t g a g a g c g g t c c a g a t a a 3'
-fMet - his - gly -
-fMet - val - glu - ser - gly - pro - asp - asn -
-fMet - his - phe - ser - leu - ser - asn - met - ile - met - phe - his -
-fMet - arg - ala - val - gln - ile - thr -
... sd-(10)-ir 2985417 Gap 2.7 bits
p10 2.5 bits
[###> orf 13 codons
p35 6.2 bits
... p10
... sd
ir yqeG_yqeH-
p10 3.0 bits
p35-(25)-p10 298534
... sd-ir 2985417 yqeG_yqeH- total 7.3 bits
p10 4.6 bits
p35-p10 2985345 tot
p10 3.8 bits
p10 6.4 bits
p35 5.6 bits
p35-(21)-p10 2985390 Gap 3.3 bits
p35-(24)-p10 2985399 Gap 2.4 bits
p35-p10 2985399 total 5.7 bits
... p35-(26)-p10 2985420 Gap 3.7 bits
... p35-p10 2985420 total 5.4 bits
p35 2.7 bits
p35-(26)-p10 2985396 Gap 3.7 bits
p35-p10 2985396 total 5.4 bits
p35 3.1 bits
p35-(23)-p10 2985393 Gap 1.4 bits
p35-p10 2985393 total 4.7 bits
p35 2.9 bits
p35-p10 2985390 total 4.2 bits
*2985340 *2985330 *2985320 *2985310 *2985300 *2985290 *2985280 *2985270 *
5' c t a t c t c a t g g t a t a a g a a t a t c t a t a t c g c a a a t t g t t t t t g a a t g a c c a g a a g a t a t c t t g c g a a t c t a a g t t a t g c a t 3'
-fMet - arg - ile -
-fMet - his -
- tyr - leu - met - val -
-fMet - phe - leu - asn - asp - gln - lys - ile - ser - cys - glu - ser - lys - leu - cys - ile -
- ile - ser - trp - tyr - lys - asn - ile - tyr - ile - ala - asn - cys - phe -
-fMet - thr - arg - arg - tyr - leu - ala - asn - leu - ser - tyr - ala - ser -
... p10 1.9 bits
p10 2.8 bits
p10 4.5 bits
p35 3.1 bits
p35 3.5 bits
p35 4.8 bits
p10 1.1 bits
p35-(22)-p10 2985313 Gap 2.3 bits
p35 4.2 bits
... p35-(22)-p10 2
p35-p10 2985313 total 4.1 bits
... p35-(22)-p10 2
p35-(22)-p10 2985287 Gap 2.3 bits
... p35-p10 298524
p35-p10 2985287 total 6.9 bits
p35 6.5 bits
... p35-p10 298526


p35-(24)-p10 2985279 Gap 2.4 bits
p35-p10 2985279 total 5.3 bits
*2985260 *2985250 *2985240 *2985230 *2985220 *2985210 *2985200 *2985190 *
5′ c t t a a a t a g t c t t a t t t a a g a t g t t c a g a t c t c t t t g t g t g t t t a a c t a a c t g a t a a t a c t a g g a t a t g a c g a g a g a a g t g 3′
- leu - lys - -fMet - cys - leu - thr - asn - -fMet - thr - arg - glu - val -
- leu - asn - ser - leu - ile - -fMet - cys - val -
- -fMet - phe - arg - ser - leu - cys - val - phe - asn -
p10 3.7 bits
p10 5.7 bits
p35 3.8 bits
p10 3.5 bits
... sd
p35-(21)-p10 2985207 Gap 3.3 bits
p35-p10 2985207 total 4.0 bits
... p35-(22)-p10 2985246 Gap 2.3 bits
... p35-(22)-p10 2985261 Gap 2.3 bits
p10 4.6 bits
... p35-p10 2985246 total 6.4 bits
p35-(26)-p10 2985202 Gap 3.7 bits
p35-p10 2985202 total 4.8 bits
... p35-p10 2985261 total 5.6 bits
p35 2.4 bits
... p35-(24)-p10 2
... p35-p10 298517
*2985180 *2985170 *2985160 *2985150 *2985140 *2985130 *2985120 *2985110 *
5′ a t a g g g t g g a a t a a t a a c a a a t g a a t a t t a t g a a a a a t g g a a t g g t t c a a a a t t g t a g c a a t t t t g a a c c a t c c a c a a c t g 3′
- ile - gly - trp - asn - asn - asn - lys - -fMet - glu - trp - phe - lys - ile - val - ala - ile - leu - asn - his - pro - gln - leu -
-fMet -
- -fMet - glu - -fMet - asn - ile - met - lys - asn - gly - met - val - gln - asn - cys - ser - asn - phe - glu - pro - ser - thr - thr - asp -
... sd
ir yqeG_yqeH-
sd-(12)-ir 2985162 Gap 4.0 bits
ir yqeG_yqeH-
sd-ir 2985162 yqeG_yqeH- total 10.4 bits
p10 4.6 bits
ir yqeG_yqeH-
sd
ir yqeG_yqeH-
p35 4.4 bits
sd-(7)-ir 2985153 Gap 3.7 bits
sd-ir 2985153 yqeG_yqeH- total 13.0 bits
... p35-(24)-p10 2985172 Gap 2.4 bits
... p35-p10 2985172 total 4.6 bits
sd-(10)-ir 2985141 Gap 2.7 bits
sd-ir 2985141 yqeG_yqeH- total 5.9 bits
sd-(14)-ir 2985146 Gap 4.9 bits
sd-ir 2985146 yqeG_yqeH- total 7.6 bits
sd
p10 3.8 bits
p35-(26)-p10 2985149 Gap 3.7 bits
p35-p10 2985149 total 4.6 bits


*2985100
*2985090
*2985080
5’ a t a t t a g c t a a a g a a c a t t a c c g 3’
- ile - leu - ala - lys - glu - his - tyr -
- ile - ser -
<---------- ... NC_000913.yqeG
[###> orf 24 codons