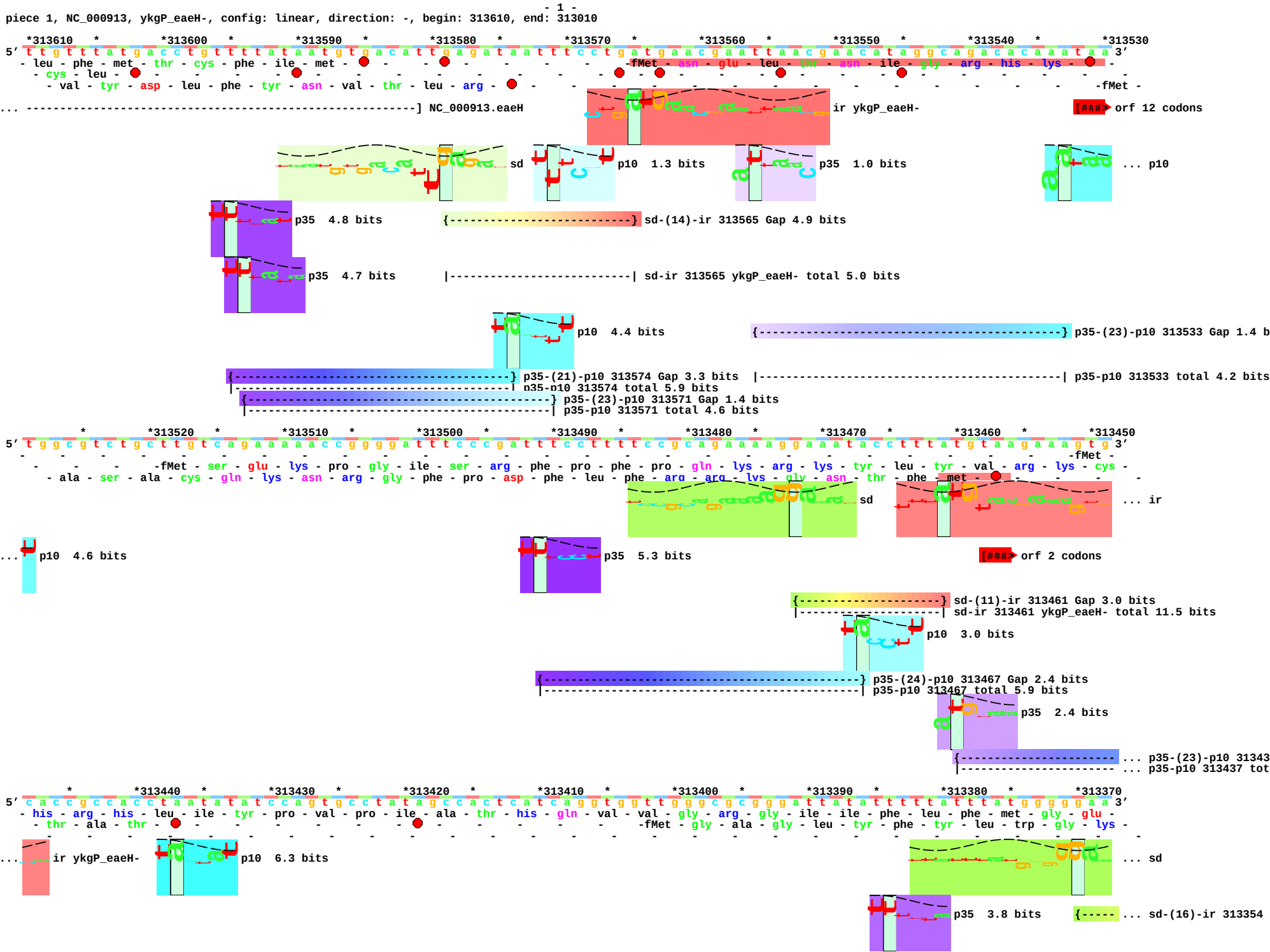
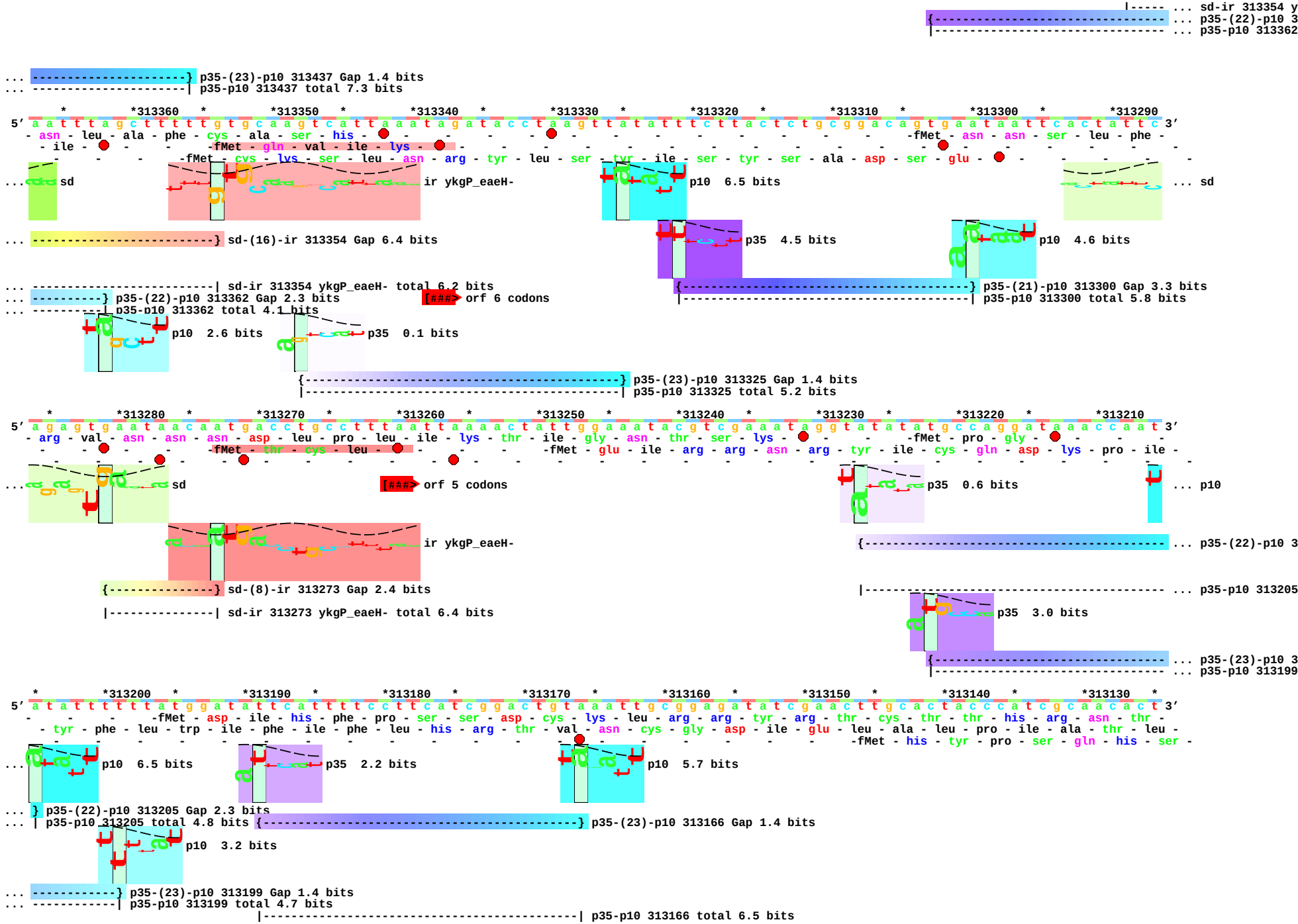
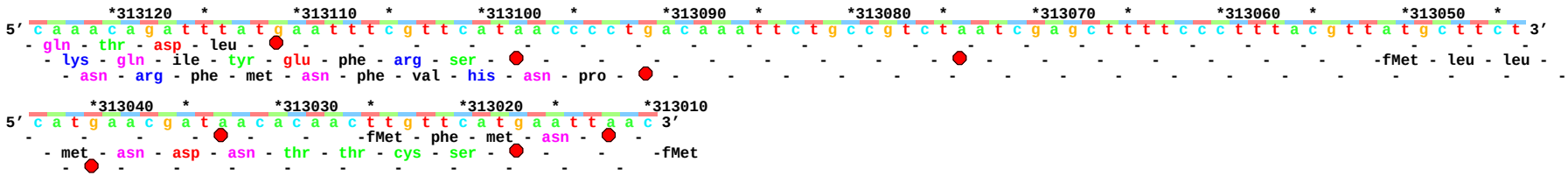

piece 1, NC_000913, ykgP_eaeH-, config: linear, direction: -, begin: 313610, end: 313010
*313610 *313600 *313590 *313580 *313570 *313560 *313550 *313540 *313530
5′ t t g t t t a t g a c c t g t t t t a t a a t g t g a c a t t g a g a t a a t t t c c t g a t g a a c g a a t t a a c g a a c a t a g g c a g a c a c a a a t a a 3′
- leu - phe - met - thr - cys - phe - ile - met -
- fMet - asn - glu - leu - thr - asn - ile - gly - arg - his - lys -
- cys - leu -
- val - tyr - asp - leu - phe - tyr - asn - val - thr - leu - arg -
-fMet -
] NC_000913.eaeH
ir ykgP_eaeH-
[###> orf 12 codons
sd
p10 1.3 bits
p35 1.0 bits
... p10
p35 4.8 bits
{----------} sd-(14)-ir 313565 Gap 4.9 bits
p35 4.7 bits
|----------| sd-ir 313565 ykgP_eaeH- total 5.0 bits
p10 4.4 bits
{----------} p35-(23)-p10 313533 Gap 1.4 b
{----------} p35-(21)-p10 313574 Gap 3.3 bits
|----------| p35-p10 313574 total 5.9 bits
{----------} p35-(23)-p10 313571 Gap 1.4 bits
|----------| p35-p10 313571 total 4.6 bits
|----------| p35-p10 313533 total 4.2 bits
*313520 *313510 *313500 *313490 *313480 *313470 *313460 *313450
5′ t g g c g t c t g c t t g t c a g a a a a a c c g g g g a t t t c c c g a t t t c c t t t t c c g c a g a a a a g g a a a t a c c t t t a t g t a a g a a a g t g 3′
-fMet -
- ala - ser - ala - cys - gln - lys - asn - arg - gly - phe - pro - asp - phe - leu - phe - arg - arg - lys - gly - asn - thr - phe - met -
-fMet - ser - glu - lys - pro - gly - ile - ser - arg - phe - pro - phe - pro - gln - lys - arg - lys - tyr - leu - tyr - val - arg - lys - cys -
sd
... ir
p10 4.6 bits
p35 5.3 bits
[###> orf 2 codons
{----------} sd-(11)-ir 313461 Gap 3.0 bits
|----------| sd-ir 313461 ykgP_eaeH- total 11.5 bits
p10 3.0 bits
{----------} p35-(24)-p10 313467 Gap 2.4 bits
|----------| p35-p10 313467 total 5.9 bits
p35 2.4 bits
{---------- ... p35-(23)-p10 31343
|---------- ... p35-p10 313437 tot
*313440 *313430 *313420 *313410 *313400 *313390 *313380 *313370
5′ c a c c g c c a c c t a a t a t a t c c a g t g c c t a t a g c c a c t c a t c a g g t g g t t g g g c g c g g g a t t a t a t t t t a t t t a t g g g g a a 3′
- his - arg - his - leu - ile - tyr - pro - val - pro - ile - ala - thr - his - gln - val - val - gly - arg - gly - ile - ile - phe - leu - phe - met - gly - glu -
-fMet - gly - ala - gly - leu - tyr - phe - tyr - leu - trp - gly - lys -
- thr - ala - thr -
ir ykgP_eaeH-
p10 6.3 bits
... sd
p35 3.8 bits
{----- ... sd-(16)-ir 313354


... sd-ir 313354 y
... p35-(22)-p10 3
... p35-p10 313362
... p35-(23)-p10 313437 Gap 1.4 bits
... p35-p10 313437 total 7.3 bits
5′ a a t t t a g c t t t t t t g t g c a a g t c a t t a a a t a g a t a c c t a a g t t t a t a t t t c t t a c t c t g c g g a c a g t g a a t a a t t c a c t a t t c 3′
- asn - leu - ala - phe - cys - ala - ser - his -
- ile -
-fMet - gln - val - ile - lys -
-fMet - cys - lys - ser - leu - asn - arg - tyr - leu - ser - tyr - ile - ser - tyr - ser - ala - asp - ser - glu -
-fMet - asn - asn - ser - leu - phe -
... sd
ir ykgP_eaeH-
p10 6.5 bits
... sd
... sd-(16)-ir 313354 Gap 6.4 bits
p35 4.5 bits
p10 4.6 bits
... sd-ir 313354 ykgP_eaeH- total 6.2 bits
... p35-(22)-p10 313362 Gap 2.3 bits
... p35-p10 313362 total 4.1 bits
[###> orf 6 codons
p35-(21)-p10 313300 Gap 3.3 bits
p35-p10 313300 total 5.8 bits
p10 2.6 bits
p35 0.1 bits
p35-(23)-p10 313325 Gap 1.4 bits
p35-p10 313325 total 5.2 bits
5′ a g a g t g a a t a a c a a t g a c c t g c c t t t a a t t a a a a c t a t t g g a a a t a c g t c g a a a t a g g t a t a t a t g c c a g g a t a a a c c a a t 3′
- arg - val - asn - asn - asn - asp - leu - pro - leu - ile - lys - thr - ile - gly - asn - thr - ser - lys -
-fMet - thr - cys - leu -
-fMet - glu - ile - arg - arg - asn - arg - tyr - ile - cys - gln - asp - lys - pro - ile -
-fMet - pro - gly -
... sd
[###> orf 5 codons
p35 0.6 bits
... p10
ir ykgP_eaeH-
... p35-(22)-p10 3
... sd-(8)-ir 313273 Gap 2.4 bits
... p35-p10 313205
... sd-ir 313273 ykgP_eaeH- total 6.4 bits
p35 3.0 bits
... p35-(23)-p10 3
... p35-p10 313199
5′ a t a t t t t t t a t g g a t a t t c a t t t t c c t t c a t c g g a c t g t a a a t t g c g g a g a t a t c g a a c t t g c a c t a c c c a t c g c a a c a c t 3′
- tyr - phe - leu - trp - ile - phe - ile - phe - leu - his - arg - thr - val - asn - cys - gly - asp - ile - glu - leu - ala - leu - pro - ile - ala - thr - leu -
-fMet - asp - ile - his - phe - pro - ser - ser - asp - cys - lys - leu - arg - arg - tyr - arg - thr - cys - thr - thr - his - arg - asn - thr -
-fMet - his - tyr - pro - ser - gln - his - ser -
... p10 6.5 bits
p35 2.2 bits
p10 5.7 bits
... } p35-(22)-p10 313205 Gap 2.3 bits
... | p35-p10 313205 total 4.8 bits
p35-(23)-p10 313166 Gap 1.4 bits
p10 3.2 bits
... p35-(23)-p10 313199 Gap 1.4 bits
... p35-p10 313199 total 4.7 bits
p35-p10 313166 total 6.5 bits


*313120 * *313110 * *313100 * *313090 * *313080 * *313070 * *313060 * *313050 *
5′ c a a a c a g a t t t a t g a a t t t c g t t c a t a a c c c c t g a c a a a t t c t g c c g t c t a a t c g a g c t t t t c c c c t t t a c g t t a t g c t t c t 3′
- gln - thr - asp - leu -
- lys - gln - ile - tyr - glu - phe - arg - ser -
-fMet - leu - leu -
- asn - arg - phe - met - asn - phe - val - his - asn - pro -
*313040 * *313030 * *313020 * *313010
5′ c a t g a a c g a t a a c a c a a c t t g t t c a t g a a t t a a c 3′
-fMet - phe - met - asn -
- met - asn - asp - asn - thr - thr - cys - ser -
-fMet