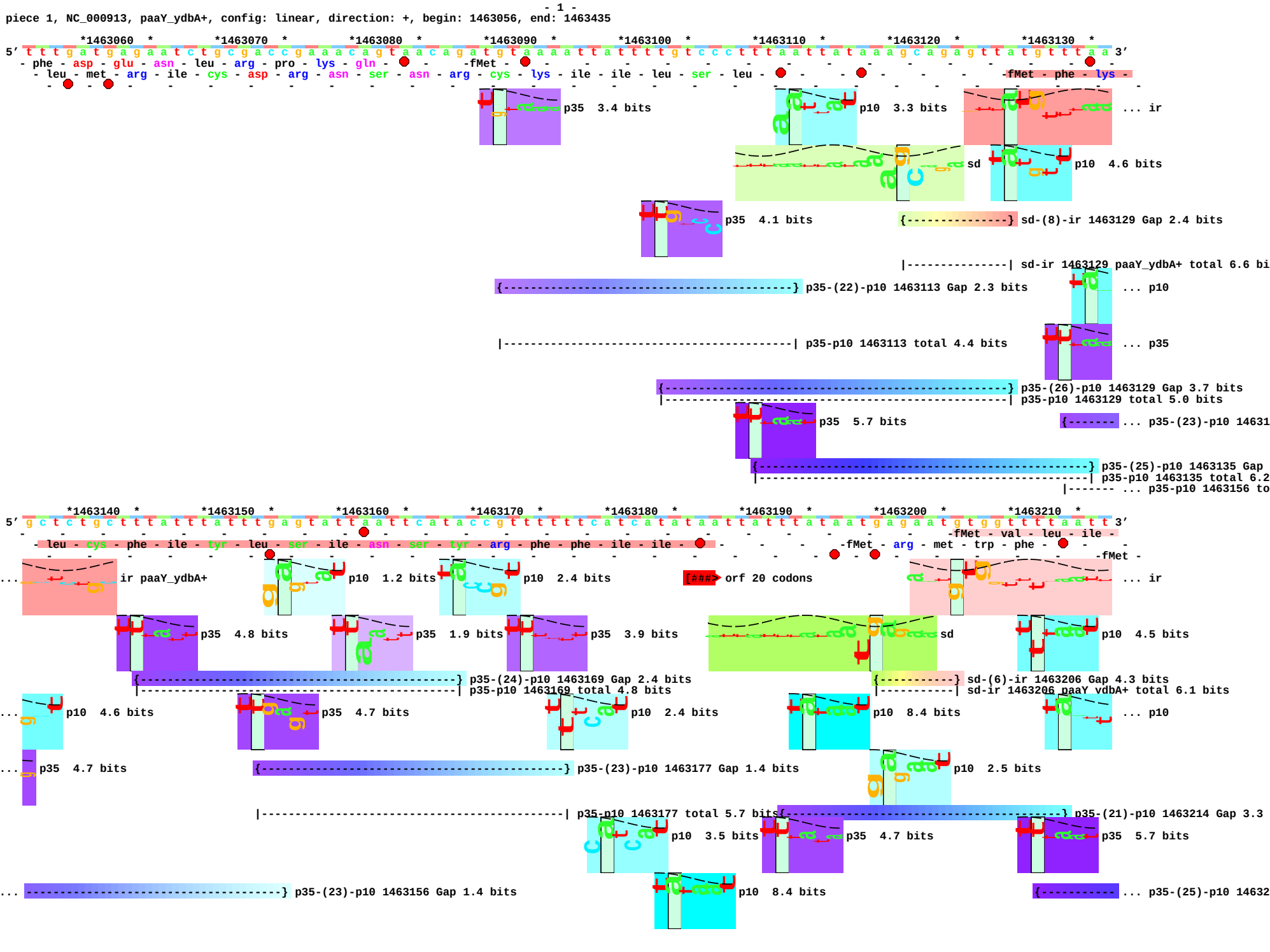
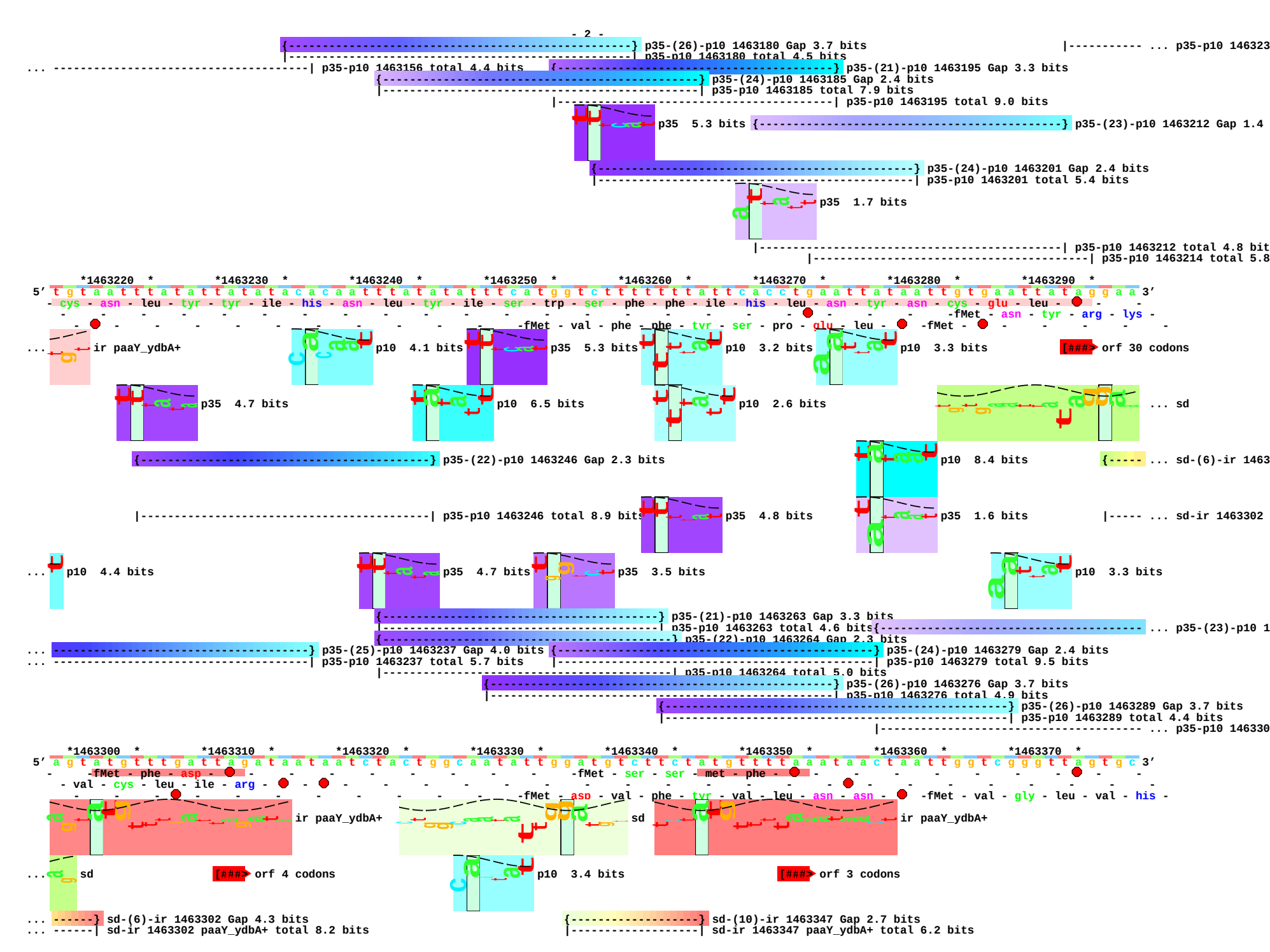
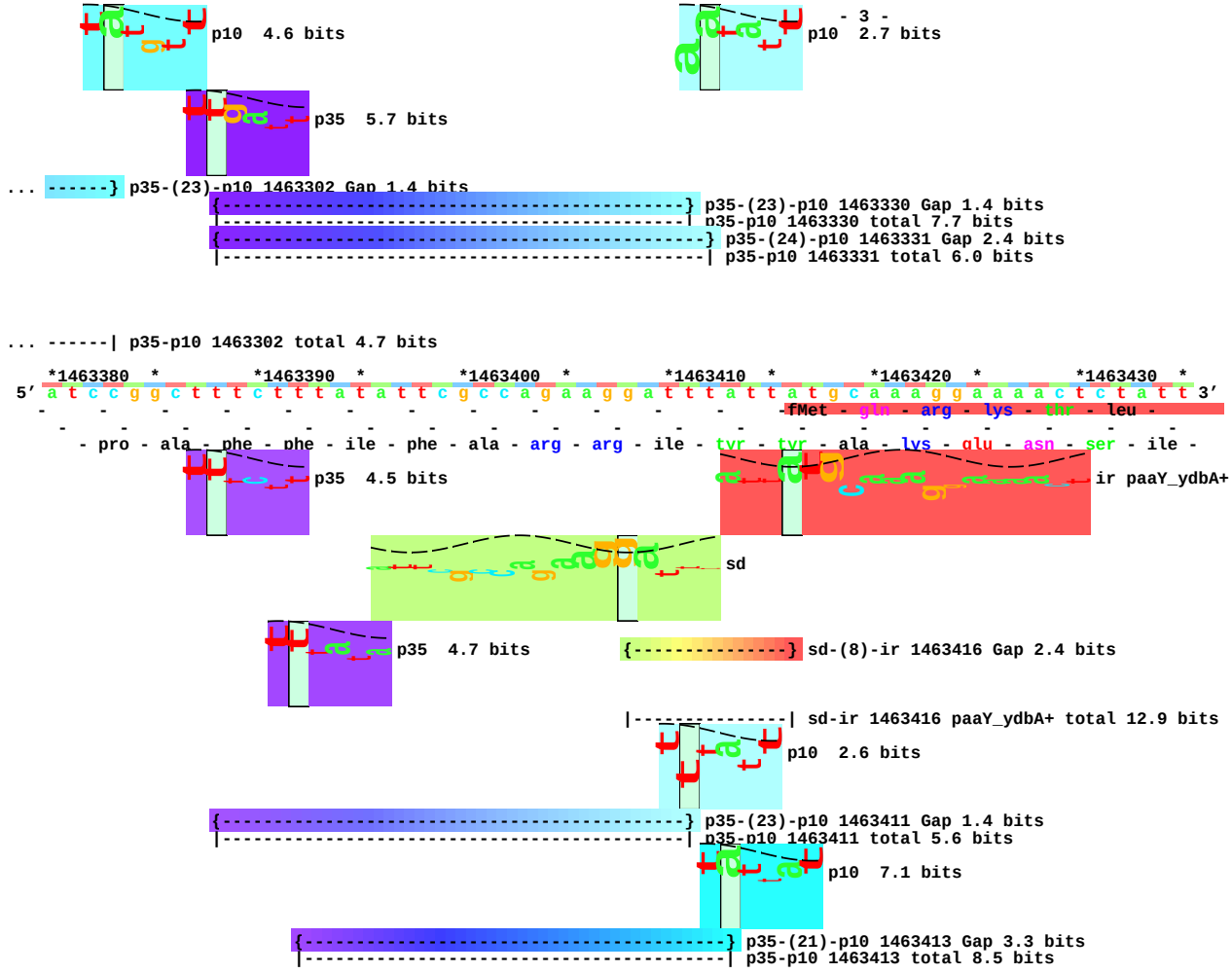
piece 1, NC_000913, paaY_ydbA+, config: linear, direction: +, begin: 1463056, end: 1463435




- 2 -
p35-(26)-p10 1463180 Gap 3.7 bits
p35-p10 1463180 total 4.5 bits
p35-p10 1463156 total 4.4 bits
p35-(21)-p10 1463195 Gap 3.3 bits
p35-(24)-p10 1463185 Gap 2.4 bits
p35-p10 1463185 total 7.9 bits
p35-p10 1463195 total 9.0 bits
p35 5.3 bits
p35-(23)-p10 1463212 Gap 1.4
p35-(24)-p10 1463201 Gap 2.4 bits
p35-p10 1463201 total 5.4 bits
p35 1.7 bits
p35-p10 1463212 total 4.8 bit
p35-p10 1463214 total 5.8
*1463220 *1463230 *1463240 *1463250 *1463260 *1463270 *1463280 *1463290 *
5′ t g t a a t t t a t a t t a t a c a c a a t t a t a t t t c a t g g t c t t t t t t t a t t c a c c t g a a t t a t a a t t g t g a a t t a t a g g a a 3′
- cys - asn - leu - tyr - tyr - ile - his - asn - leu - tyr - ile - ser - trp - ser - phe - phe - ile - his - leu - asn - tyr - asn - cys - glu - leu -
-fMet - asn - tyr - arg - lys -
-fMet - val - phe - phe - tyr - ser - pro - glu - leu - -fMet -
ir paaY_ydbA+
p10 4.1 bits
p35 5.3 bits
p10 3.2 bits
p10 3.3 bits
[###> orf 30 codons
p35 4.7 bits
p10 6.5 bits
p10 2.6 bits
... sd
p35-(22)-p10 1463246 Gap 2.3 bits
p10 8.4 bits
... sd-(6)-ir 1463
p35-p10 1463246 total 8.9 bits
p35 4.8 bits
p35 1.6 bits
... sd-ir 1463302
p10 4.4 bits
p35 4.7 bits
p35 3.5 bits
p10 3.3 bits
p35-(21)-p10 1463263 Gap 3.3 bits
p35-p10 1463263 total 4.6 bits
... p35-(23)-p10 1
p35-(22)-p10 1463264 Gap 2.3 bits
p35-(25)-p10 1463237 Gap 4.0 bits
p35-(24)-p10 1463279 Gap 2.4 bits
p35-p10 1463237 total 5.7 bits
p35-p10 1463279 total 9.5 bits
p35-p10 1463264 total 5.0 bits
p35-(26)-p10 1463276 Gap 3.7 bits
p35-p10 1463276 total 4.9 bits
p35-(26)-p10 1463289 Gap 3.7 bits
p35-p10 1463289 total 4.4 bits
... p35-p10 146330
*1463300 *1463310 *1463320 *1463330 *1463340 *1463350 *1463360 *1463370 *
5′ a g t a t g t t t g a t t a g a t a a t a a t c t a c t g g c a a t a t t g g a t g t c t t c t a t g t t t t a a a t a a c t a a t t g g t c g g g t t a g t g c 3′
-fMet - phe - asp -
-fMet - ser - ser - met - phe -
- val - cys - leu - ile - arg -
-fMet - asp - val - phe - tyr - val - leu - asn - asn -
-fMet - val - gly - leu - val - his -
ir paaY_ydbA+
sd
ir paaY_ydbA+
sd
[###> orf 4 codons
p10 3.4 bits
[###> orf 3 codons
sd-(6)-ir 1463302 Gap 4.3 bits
sd-ir 1463302 paaY_ydbA+ total 8.2 bits
sd-(10)-ir 1463347 Gap 2.7 bits
sd-ir 1463347 paaY_ydbA+ total 6.2 bits


p10 4.6 bits
- 3 -
p10 2.7 bits
p35 5.7 bits
... ------} p35-(23)-p10 1463302 Gap 1.4 bits
{----------} p35-(23)-p10 1463330 Gap 1.4 bits
|----------| p35-p10 1463330 total 7.7 bits
{----------} p35-(24)-p10 1463331 Gap 2.4 bits
|----------| p35-p10 1463331 total 6.0 bits
... ------| p35-p10 1463302 total 4.7 bits
*1463380 *1463390 *1463400 *1463410 *1463420 *1463430 *
5' a t c c g g c t t t c t t t a t a t t c g c c a g a a g g a t t t a t t a t g c a a a g g a a a a c t c t a t t 3'
fMet - gln - arg - lys - thr - leu -
- pro - ala - phe - phe - ile - phe - ala - arg - arg - ile - tyr - tyr - ala - lys - glu - asn - ser - ile -
p35 4.5 bits
ir paaY_ydbA+
sd
p35 4.7 bits
{----------} sd-(8)-ir 1463416 Gap 2.4 bits
|----------| sd-ir 1463416 paaY_ydbA+ total 12.9 bits
p10 2.6 bits
{----------} p35-(23)-p10 1463411 Gap 1.4 bits
|----------| p35-p10 1463411 total 5.6 bits
p10 7.1 bits
{----------} p35-(21)-p10 1463413 Gap 3.3 bits
|----------| p35-p10 1463413 total 8.5 bits