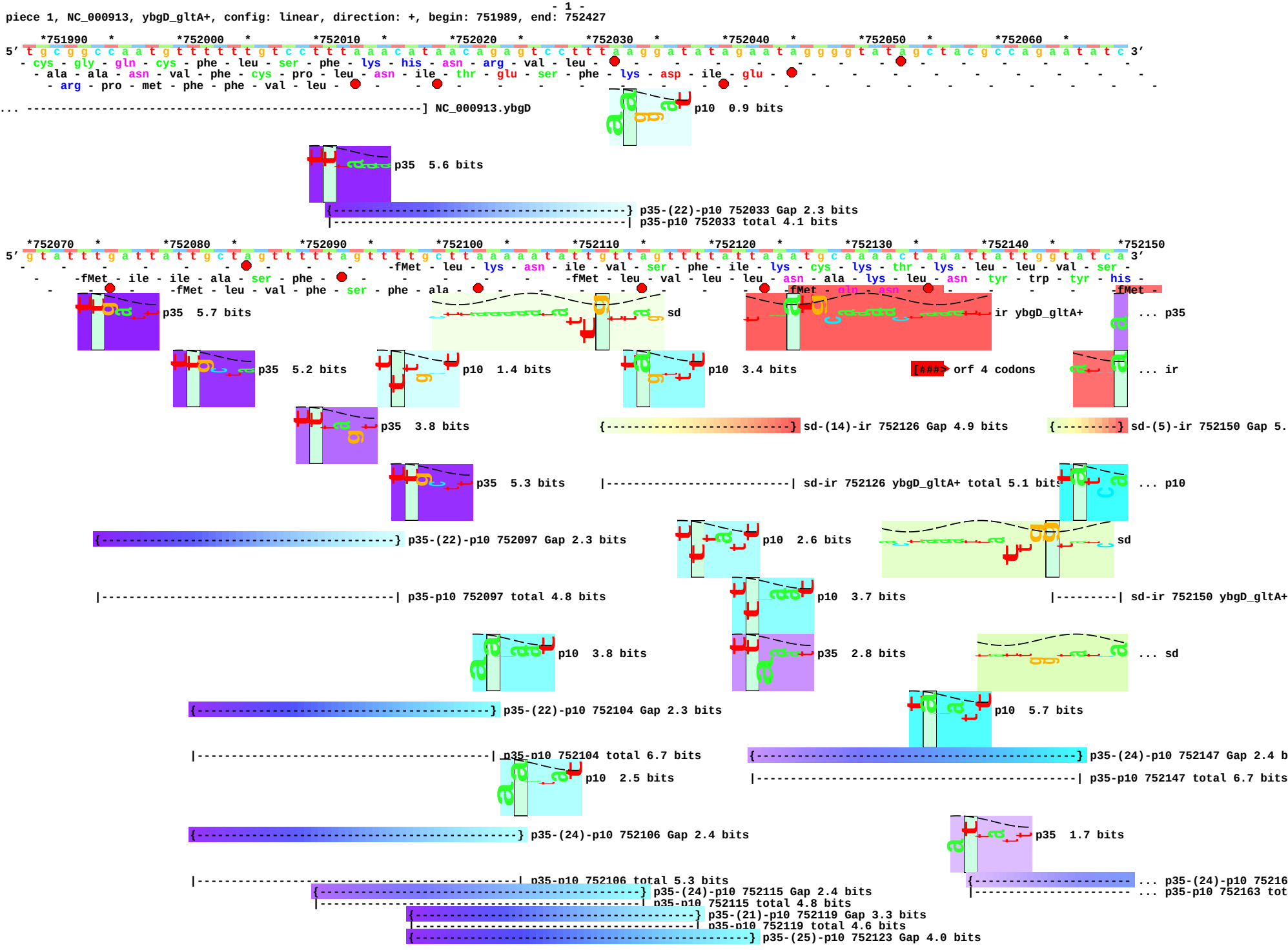
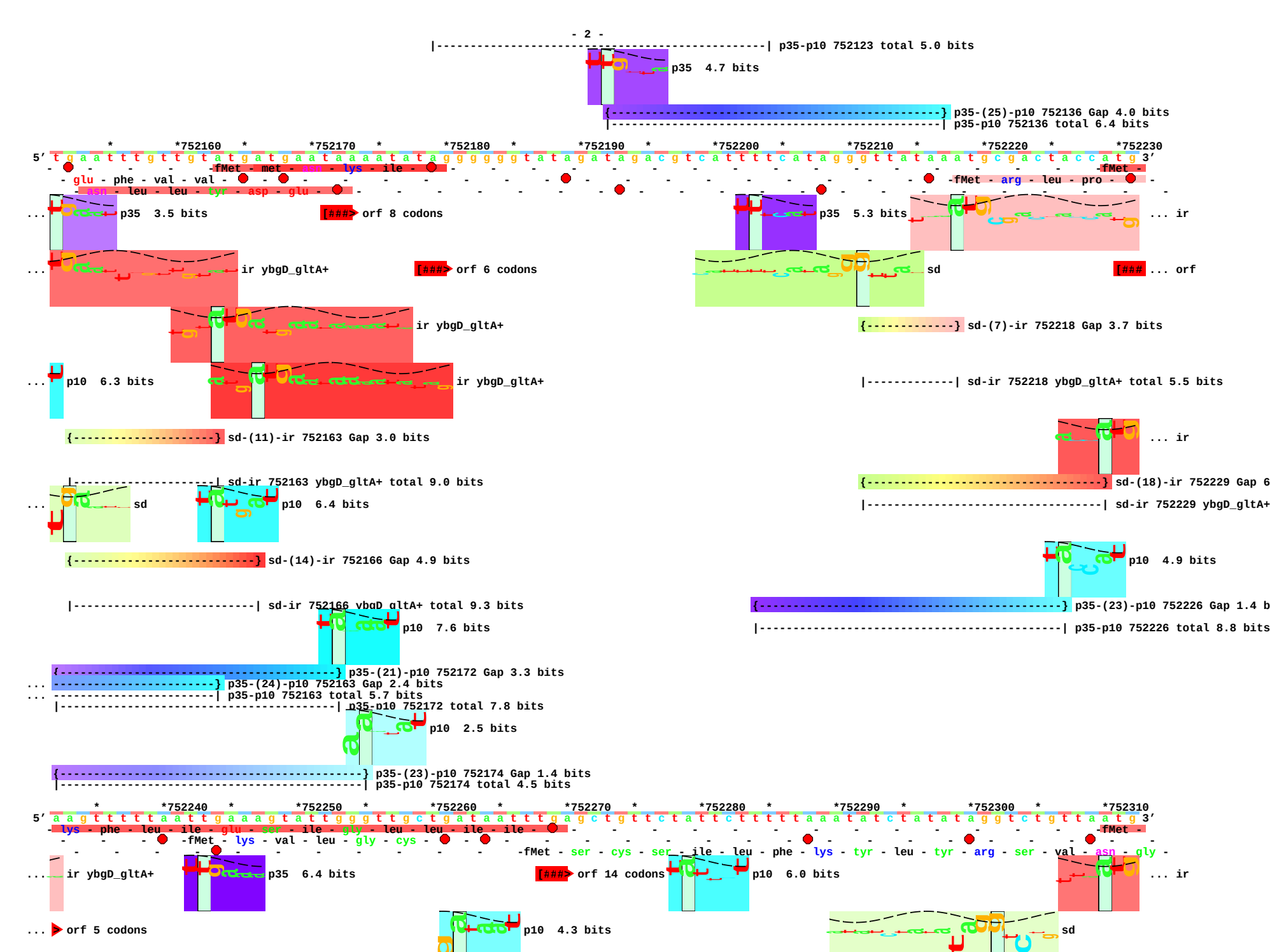
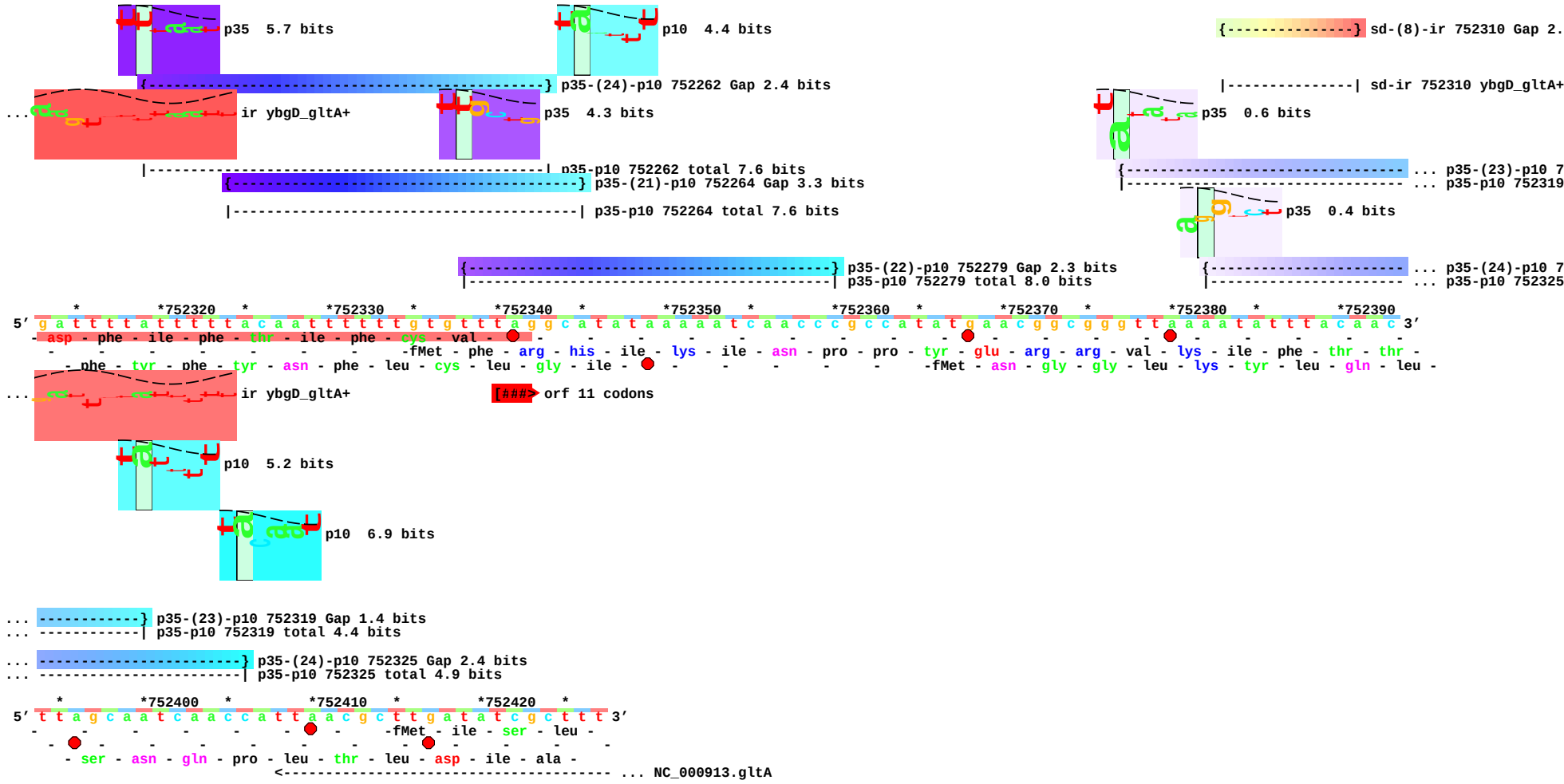
piece 1, NC_000913, ybgD_gltA+, config: linear, direction: +, begin: 751989, end: 752427




- 2 -
|---| p35-p10 752123 total 5.0 bits
p35 4.7 bits
{---} p35-(25)-p10 752136 Gap 4.0 bits
|---| p35-p10 752136 total 6.4 bits
*752160 *752170 *752180 *752190 *752200 *752210 *752220 *752230
5′ t g a a t t t g t t g t a t g a t g a a t a a a a t a t a g g g g g t a t a g a t a g a c g t c a t t t t c a t a g g g t t a t a a a t g c g a c t a c c a t g 3′
-fMet - met - asn - lys - ile -
-fMet -
- glu - phe - val - val -
-fMet - arg - leu - pro -
- asn - leu - leu - tyr - asp - glu -
... p35 3.5 bits
[###> orf 8 codons
p35 5.3 bits
... ir
... ir ybgD_gltA+
[###> orf 6 codons
sd
[### ... orf
ir ybgD_gltA+
{----------} sd-(7)-ir 752218 Gap 3.7 bits
... p10 6.3 bits
ir ybgD_gltA+
|----------| sd-ir 752218 ybgD_gltA+ total 5.5 bits
{----------} sd-(11)-ir 752163 Gap 3.0 bits
... ir
|----------| sd-ir 752163 ybgD_gltA+ total 9.0 bits
{----------------------------------} sd-(18)-ir 752229 Gap 6
... sd
p10 6.4 bits
|----------------------------------| sd-ir 752229 ybgD_gltA+
{--------------------------} sd-(14)-ir 752166 Gap 4.9 bits
p10 4.9 bits
|--------------------------| sd-ir 752166 ybgD_gltA+ total 9.3 bits
{---} p35-(23)-p10 752226 Gap 1.4 b
p10 7.6 bits
|---| p35-p10 752226 total 8.8 bits
{-------------------------------------} p35-(21)-p10 752172 Gap 3.3 bits
... {----------------------} p35-(24)-p10 752163 Gap 2.4 bits
... |----------------------| p35-p10 752163 total 5.7 bits
|---------------------------------------| p35-p10 752172 total 7.8 bits
p10 2.5 bits
{---} p35-(23)-p10 752174 Gap 1.4 bits
|---| p35-p10 752174 total 4.5 bits
*752240 *752250 *752260 *752270 *752280 *752290 *752300 *752310
5′ a a g t t t t t a a t t g a a a g t a t t g g g t t g c t g a t a a t t t g a g c t g t t c t a t t c t t t t t a a a t a t c t a t a t a g g t c t g t t a a t g 3′
- lys - phe - leu - ile - glu - ser - ile - gly - leu - leu - ile - ile -
-fMet -
-fMet - lys - val - leu - gly - cys -
-fMet - ser - cys - ser - ile - leu - phe - lys - tyr - leu - tyr - arg - ser - val - asn - gly -
...ir ybgD_gltA+
p35 6.4 bits
[###> orf 14 codons
p10 6.0 bits
... ir
... > orf 5 codons
p10 4.3 bits
sd


p35 5.7 bits
p10 4.4 bits
p35-(24)-p10 752262 Gap 2.4 bits
ir ybgD_gltA+
p35 4.3 bits
p35-p10 752262 total 7.6 bits
p35-(21)-p10 752264 Gap 3.3 bits
p35-p10 752264 total 7.6 bits
sd-(8)-ir 752310 Gap 2.
sd-ir 752310 ybgD_gltA+
p35 0.6 bits
... p35-(23)-p10 7
... p35-p10 752319
p35 0.4 bits
p35-(22)-p10 752279 Gap 2.3 bits
p35-p10 752279 total 8.0 bits
... p35-(24)-p10 7
... p35-p10 752325
*752320 *752330 *752340 *752350 *752360 *752370 *752380 *752390
5′ g a t t t t a t t t t t a c a a t t t t t t g t g t t t a g g c a t a t a a a a a t c a a c c c g c c a t a t g a a c g g c g g g t t a a a a t a t t t a c a a c 3′
- asp - phe - ile - phe - thr - ile - phe - cys - val -
- - - - - - - - -fMet - phe - arg - his - ile - lys - ile - asn - pro - pro - tyr - glu - arg - arg - val - lys - ile - phe - thr - thr -
- phe - tyr - phe - tyr - asn - phe - leu - cys - leu - gly - ile -
- - - - - -fMet - asn - gly - gly - leu - lys - tyr - leu - gln - leu -
ir ybgD_gltA+
[###> orf 11 codons
p10 5.2 bits
p10 6.9 bits
... p35-(23)-p10 752319 Gap 1.4 bits
... p35-p10 752319 total 4.4 bits
... p35-(24)-p10 752325 Gap 2.4 bits
... p35-p10 752325 total 4.9 bits
*752400 *752410 *752420
5′ t t a g c a a t c a a c c a t t a a c g c t t g a t a t c g c t t t 3′
- - - - - - - - -fMet - ile - ser - leu -
- - - - - - - - - - - - - - -
- ser - asn - gln - pro - leu - thr - leu - asp - ile - ala -
<---------- ... NC_000913.gltA