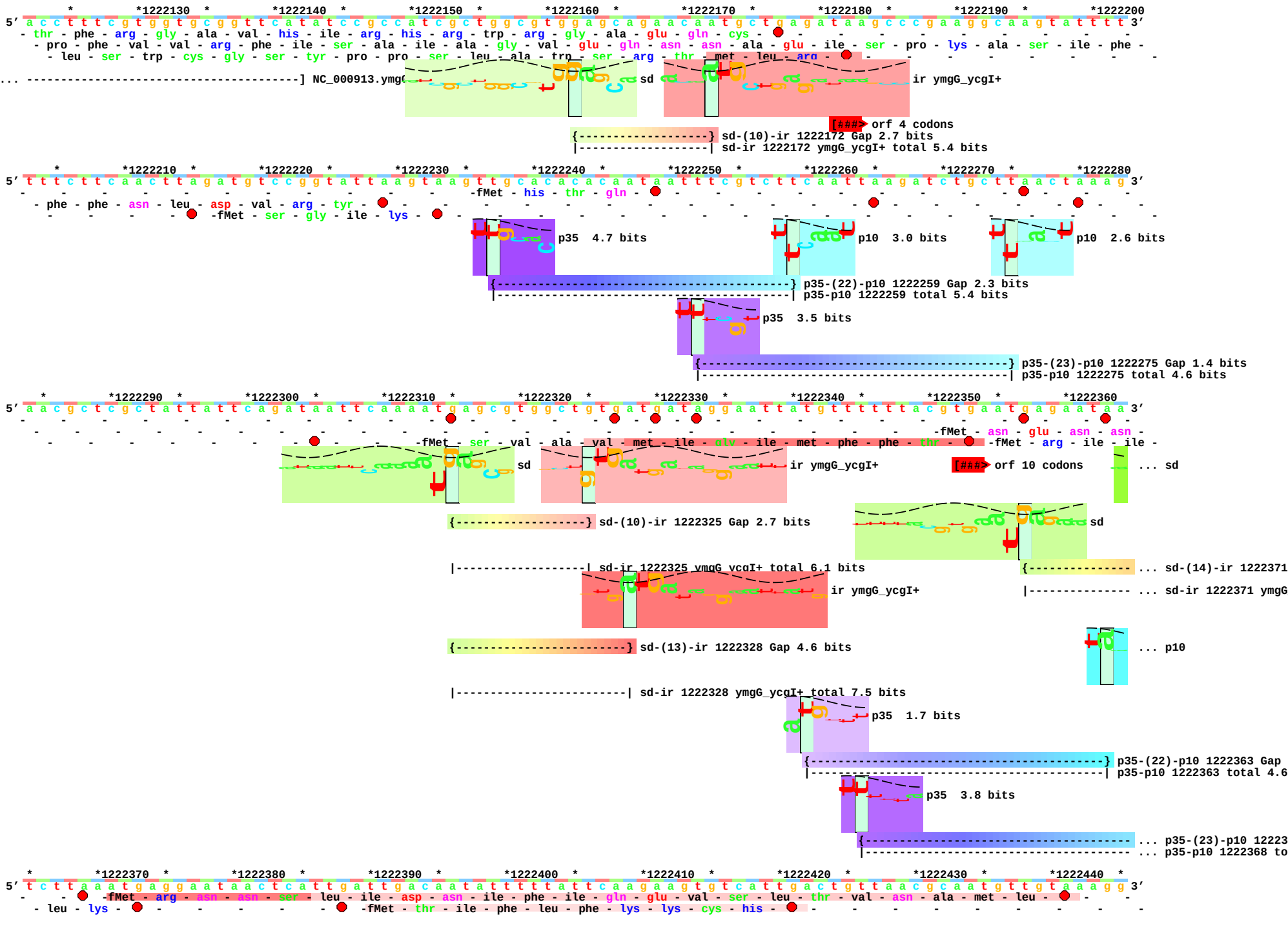
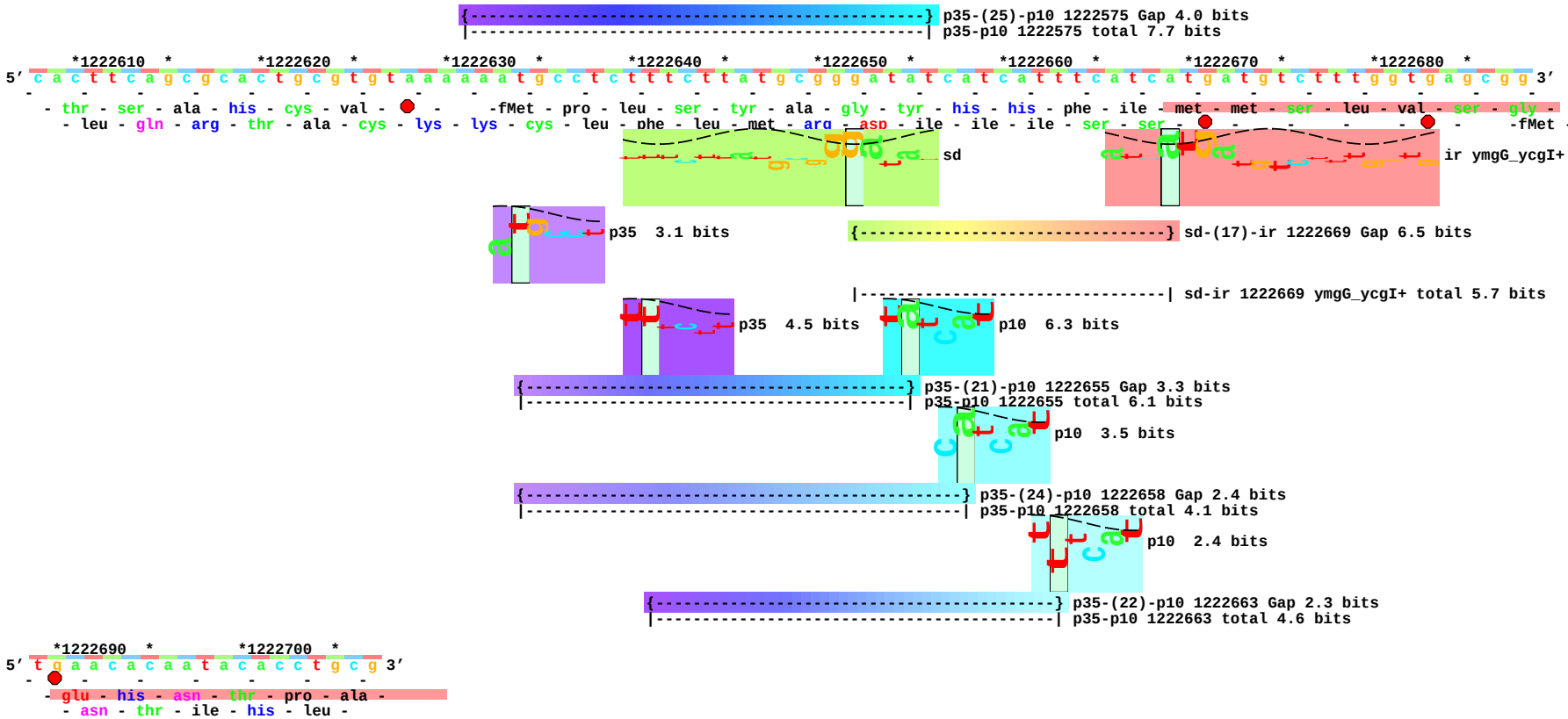
piece 1, NC_000913, ymgG_ycgI+, config: linear, direction: +, begin: 1222122, end: 1222707



- leu - asn - glu - glu -
sd
ir ymgG_ycgI+
[###> orf 11 codons
[###> orf 24 codons
ir ymgG_ycgI+
p10 5.2 bits
p35 2.6 bits
... p35
... sd-(14)-ir 1222371 Gap 4.9 bits
... sd-ir 1222371 ymgG_ycgI+ total 7.2 bits
... p35-(22)-p10 1
... p35-p10 122244
p10 5.2 bits
sd-(10)-ir 1222386 Gap 2.7 bits
p35 1.8 bits
... p35-(24)-p10 1
sd-ir 1222386 ymgG_ycgI+ total 10.4 bits
p10 3.7 bits
ir ymgG_ycgI+
... p35-(23)-p10 1
... p35-p10 122245
sd-(14)-ir 1222390 Gap 4.9 bits
sd-ir 1222390 ymgG_ycgI+ total 7.1 bits
... p35-p10 122246
p35 1.3 bits
... p35-(23)-p10 1222368 Gap 1.4 bits
... p35-p10 1222368 total 6.1 bits
p35-(23)-p10 1222398 Gap 1.4 bits
p35-p10 1222398 total 5.1 bits
*1222450
*1222460
*1222470
*1222480
*1222490
*1222500
*1222510
*1222520
5′ t a a g a t a a t c t g a t t t a t c a a t a t t a t t g t g t g a t t t t t a t g t g a g c a g a a g a t a t t c a t c a g c a a c g a t t a c a t t a g t c a 3′
- fMet - ile - phe - met -
fMet -
fMet - cys - asp - phe - tyr - val - ser - arg - arg - tyr - ser - ser - ala - thr - ile - thr - leu - val - ile -
p10 5.7 bits
p10 7.1 bits
p10 3.2 bits
p35 0.3 bits
p35 3.3 bits
... p35-(22)-p10 1222447 Gap 2.3 bits
... p35-p10 1222447 total 5.9 bits
... p35-(24)-p10 1222468 Gap 2.4 bits
... p35-(23)-p10 1222450 Gap 1.4 bits
... p35-p10 1222450 total 4.6 bits
... p35-p10 1222468 total 5.0 bits
p10 4.3 bits
p35-(22)-p10 1222482 Gap 2.3 bits
p35-p10 1222482 total 4.1 bits
*1222530
*1222540
*1222550
*1222560
*1222570
*1222580
*1222590
*1222600
5′ t t t t a t t t t g c c g a c g g c c t c a t t g t c g a a a g a t a a g c g t a c g a c a g t a t t a t c a g a a a a g a g t g a t t t t t a t c c a a c t a 3′
-fMet - pro - thr - ala - ser - leu - ser - lys - asp - lys - arg - thr - thr - val - leu - ser - glu - lys - ser - asp - phe - leu - ser - asn - tyr -
- leu - phe - cys - arg - arg - pro - his - cys - arg - lys - ile - ser - val - arg - gln - tyr - tyr - gln - lys - arg - val - ile - phe - tyr - pro - thr - thr -
p35 4.6 bits
p10 2.4 bits
p35-(22)-p10 1222572 Gap 2.3 bits
p35-p10 1222572 total 4.7 bits
p10 7.1 bits


p35-(25)-p10 1222575 Gap 4.0 bits
p35-p10 1222575 total 7.7 bits
*1222610 *1222620 *1222630 *1222640 *1222650 *1222660 *1222670 *1222680 *
5' c a c t t c a g c g c a c t g c g t g t a a a a a a t g c c t c t t t c t t a t g c g g g a t a t c a t c a t t t c a t c a t g a t g t c t t t g g t g a g c g g 3'
- thr - ser - ala - his - cys - val - -fMet - pro - leu - ser - tyr - ala - gly - tyr - his - his - phe - ile - met - met - ser - leu - val - ser - gly -
- leu - gln - arg - thr - ala - cys - lys - lys - cys - leu - phe - leu - met - arg - asp - ile - ile - ile - ser - ser - -fMet -
sd
ir ymgG_ycgI+
p35 3.1 bits
sd-(17)-ir 1222669 Gap 6.5 bits
sd-ir 1222669 ymgG_ycgI+ total 5.7 bits
p35 4.5 bits
p10 6.3 bits
p35-(21)-p10 1222655 Gap 3.3 bits
p35-p10 1222655 total 6.1 bits
p10 3.5 bits
p35-(24)-p10 1222658 Gap 2.4 bits
p35-p10 1222658 total 4.1 bits
p10 2.4 bits
p35-(22)-p10 1222663 Gap 2.3 bits
p35-p10 1222663 total 4.6 bits
*1222690 *1222700 *
5' t g a a c a c a a t a c a c c t g c g 3'
- glu - his - asn - thr - pro - ala -
- asn - thr - ile - his - leu -