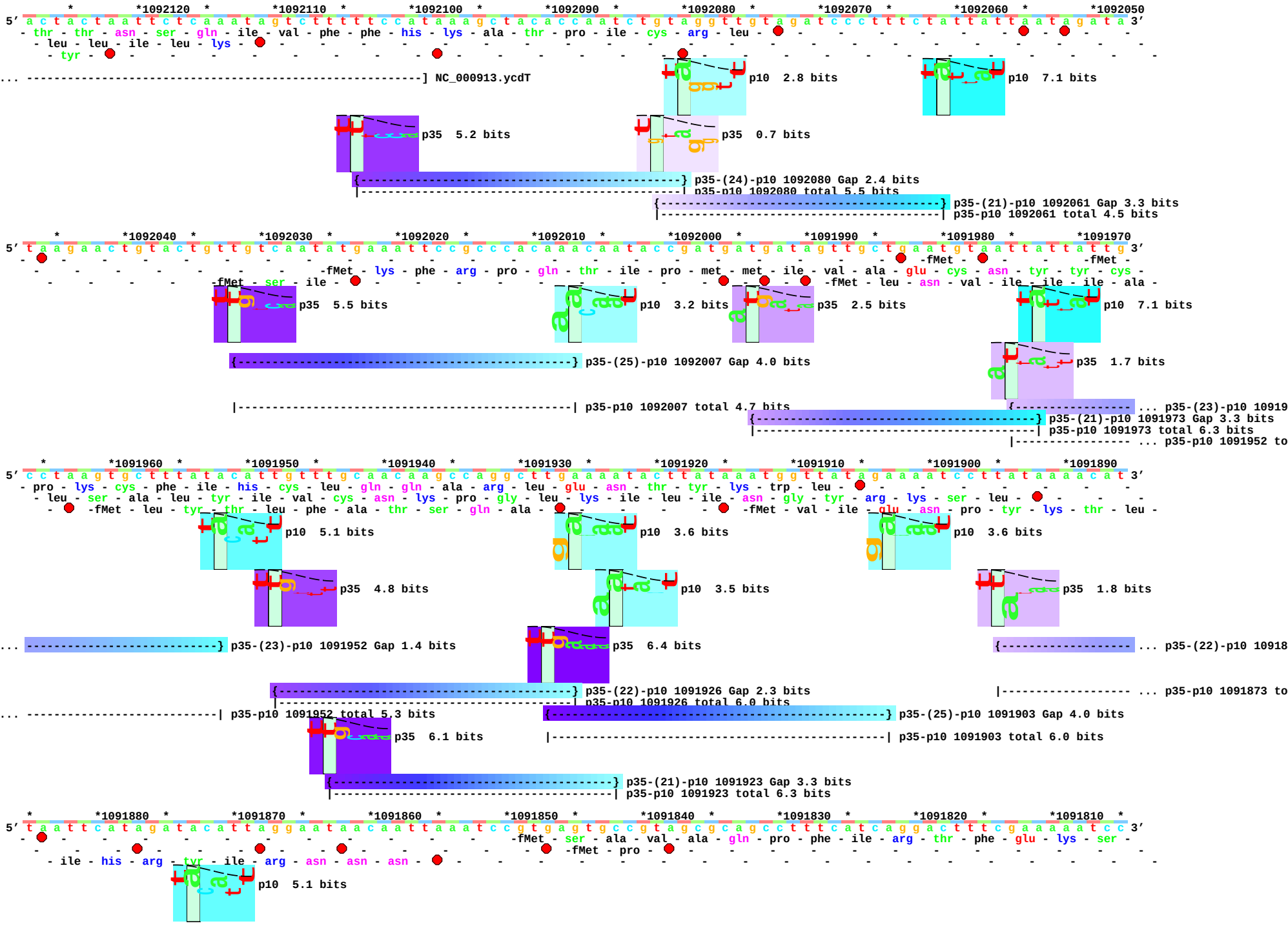
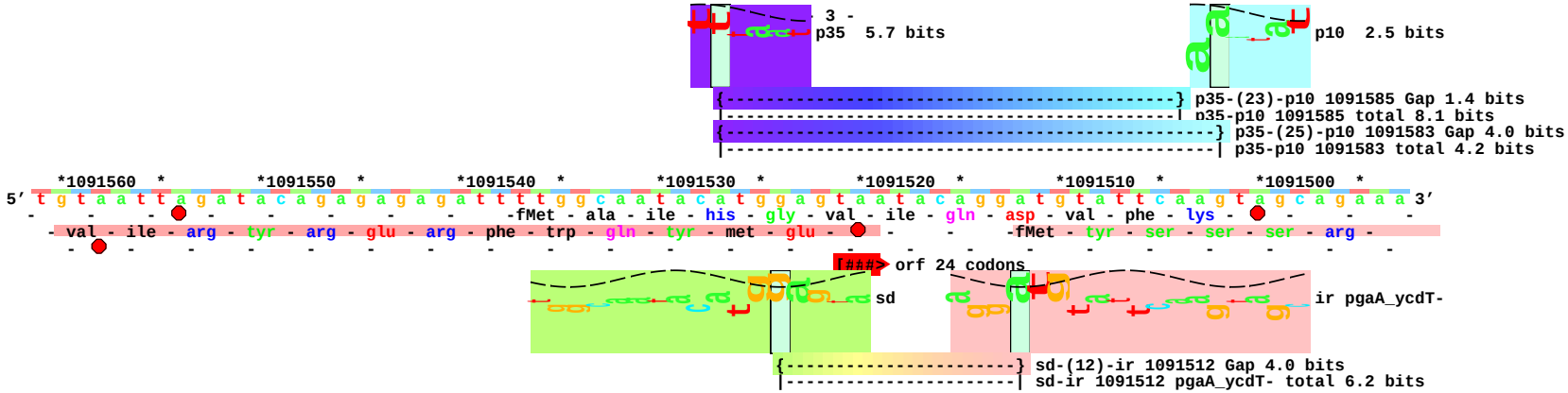
piece 1, NC_000913, pgaA_ycdT-, config: linear, direction: -, begin: 1092128, end: 1091493



... } p35-(22)-p10 1091873 Gap 2.3 bits
... | p35-p10 1091873 total 4.5 bits
*1091800 *1091790 *1091780 *1091770 *1091760 *1091750 *1091740 *1091730 *
5' g a a a t c a t g c a t c g g a a t t t a c t g a t t t a a t t a t t t t a a t c c t a a t t t a t t t t g a a a a a g g c a t t g g g a t t t a t g c c g t a t 3'
- glu - ile - met - his - arg - asn - leu - leu - ile - -fMet - lys - lys - ala - leu - gly - phe - met - pro - tyr -
p35 3.1 bits
p10 3.3 bits
sd
... ir
} p35-(22)-p10 1091775 Gap 2.3 bits
p10 5.2 bits
} sd-(12)-ir 1091732 Gap 4.0 bits
| p35-p10 1091775 total 4.1 bits
| sd-ir 1091732 pgaA_ycdT- total 5.9
p35 5.7 bits
p10 5.2 bits
} p35-(25)-p10 1091772 Gap 4.0 bits
| p35-p10 1091772 total 4.3 bits
p35 5.7 bits
p10 4.4 bits
} p35-(25)-p10 1091761 Gap 4.0 bits
| p35-p10 1091761 total 6.1 bits
} p35-(22)-p10 1091756 Gap 2.3 bits
| p35-p10 1091756 total 8.5 bits
*1091720 *1091710 *1091700 *1091690 *1091680 *1091670 *1091660 *1091650 *
5' t c c t g a a g a t c c t c a t c a t t g g a a t g g a t t t t c g g g c g a g a a a a g g a t t t t a t a t g g a c a c t c t g c t c a t c a t t t c t t c t t 3'
- ser - -fMet - glu - trp - ile - phe - gly - arg - glu - lys - asp - phe - ile - trp - thr - leu - cys - ser - ser - phe - leu - leu -
-fMet - asp - phe - arg - ala - arg - lys - gly - phe - tyr - met - asn - thr - leu - leu - ile - ile - ser - ser - ser -
... ir pgaA_ycdT-
p35 3.6 bits
ir pgaA_ycdT-
[###> orf 5 codons
sd
} sd-(8)-ir 1091670 Gap 2.4 bits
| sd-ir 1091670 pgaA_ycdT- total 9.2 bits
p10 3.2 bits
} p35-(23)-p10 1091675 Gap 1.4 bits
| p35-p10 1091675 total 5.3 bits
*1091640 *1091630 *1091620 *1091610 *1091600 *1091590 *1091580 *1091570 *
5' c t c a t c a t c a a c a a t t c a c g t c t c t c t t c c g c g t t t a a t a a c g g a t t a t g a g g t g c a a a a a t a t c t t t c t t t t c a g t t a c c 3'
- leu - ile - ile - asn - asn - ser - arg - leu - ser - ser - ala - phe - asn - asn - gly - leu - -fMet - gln - lys - tyr - leu - ser - phe - gln - leu - pro -
- his - his - gln - gln - phe - thr - ser - leu - phe - arg - val - -fMet - arg - cys - lys - asn - ile - phe - leu - phe - ser - tyr - leu -
[###> orf 22 codons
ir pgaA_ycdT-
sd
p10 3.8 bits
} sd-(9)-ir 1091590 Gap 2.3 bits
| sd-ir 1091590 pgaA_ycdT- total 9.4 bits


3 -
p35 5.7 bits
p10 2.5 bits
{} p35-(23)-p10 1091585 Gap 1.4 bits
| p35-p10 1091585 total 8.1 bits
{} p35-(25)-p10 1091583 Gap 4.0 bits
| p35-p10 1091583 total 4.2 bits
*1091560 *1091550 *1091540 *1091530 *1091520 *1091510 *1091500 *
5' t g t a a t t a g a t a c a g a g a g a g a t t t t g g c a a t a c a t g g a g t a a t a c a g g a t g t a t t c a a g t a g c a g a a a 3'
-fMet - ala - ile - his - gly - val - ile - gln - asp - val - phe - lys -
- val - ile - arg - tyr - arg - glu - arg - phe - trp - gln - tyr - met - glu -
-fMet - tyr - ser - ser - ser - arg -
orf 24 codons
sd
ir pgaA_ycdT-
{} sd-(12)-ir 1091512 Gap 4.0 bits
| sd-ir 1091512 pgaA_ycdT- total 6.2 bits