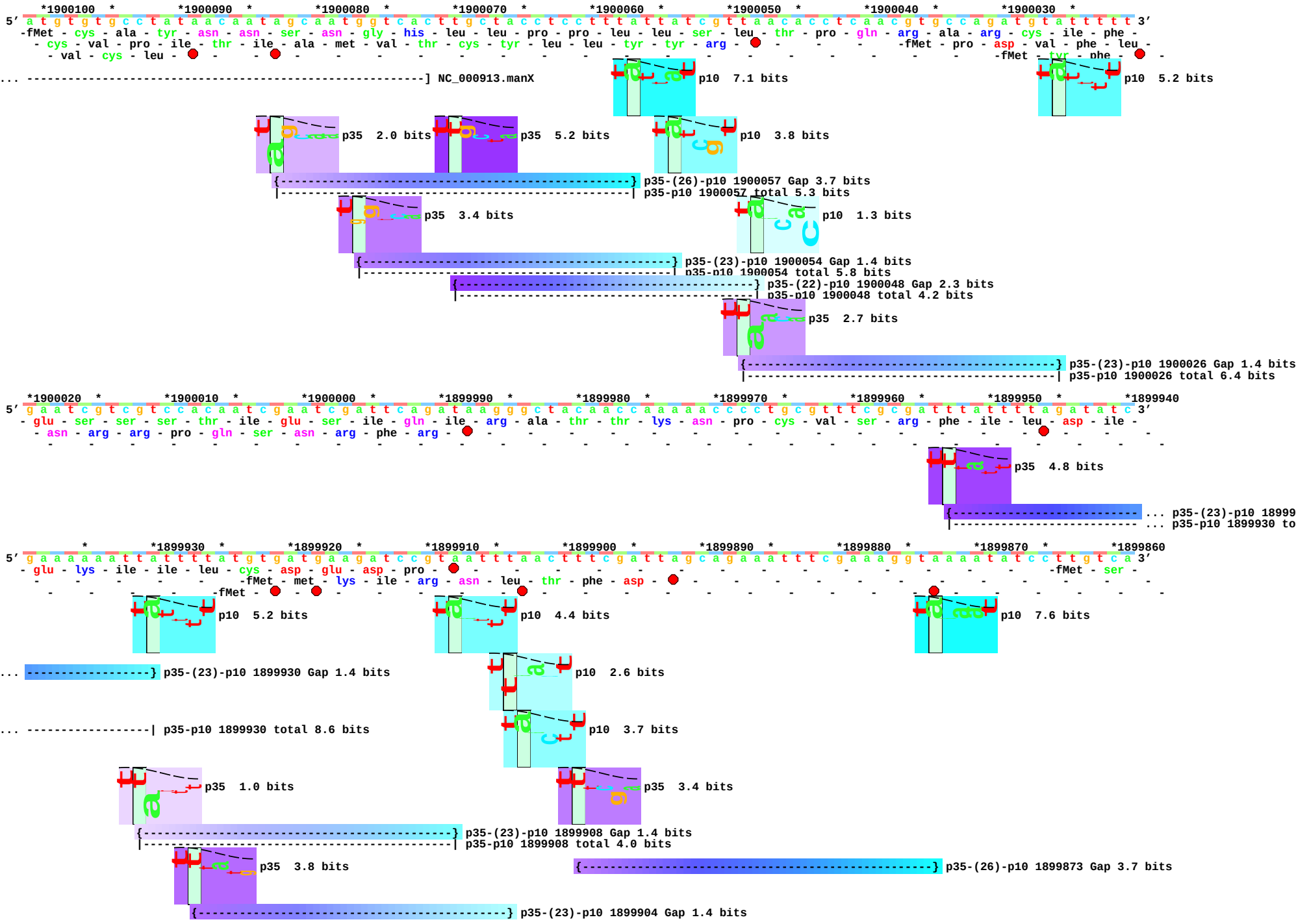
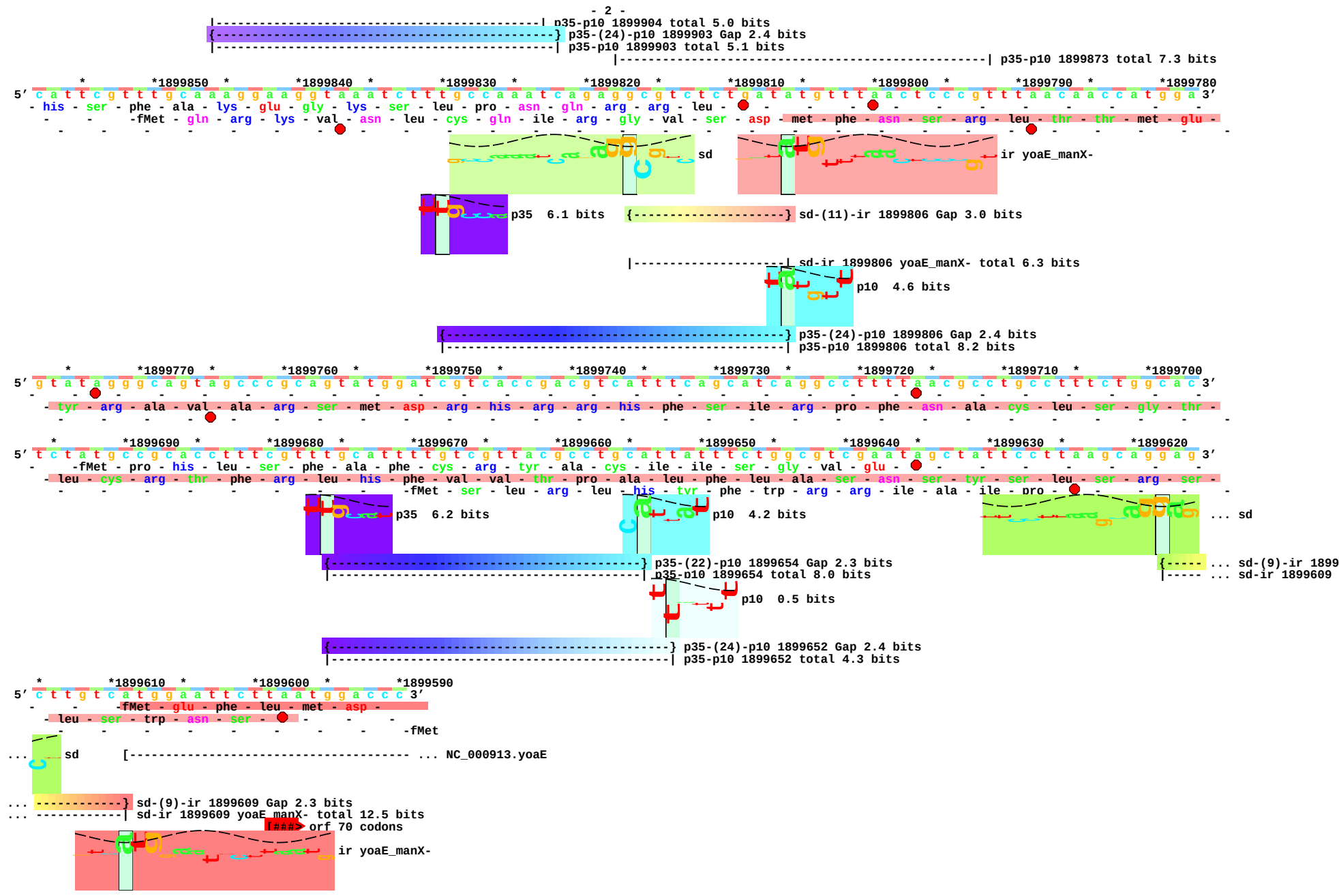
piece 1, NC_000913, yoaE_manX-, config: linear, direction: -, begin: 1900101, end: 1899590




- 2 -
p35-p10 1899904 total 5.0 bits
p35-(24)-p10 1899903 Gap 2.4 bits
p35-p10 1899903 total 5.1 bits
p35-p10 1899873 total 7.3 bits
*1899850 *1899840 *1899830 *1899820 *1899810 *1899800 *1899790 *1899780
5′ c a t t c g t t t g c a a a g g a a g g t a a a t c t t t g c c a a a t c a g a g g c g t c t c t g a t a t g t t t a a c t c c c g t t t a a c a a c c a t g g a 3′
- his - ser - phe - ala - lys - glu - gly - lys - ser - leu - pro - asn - gln - arg - arg - leu -
- - -fMet - gln - arg - lys - val - asn - leu - cys - gln - ile - arg - gly - val - ser - asp - met - phe - asn - ser - arg - leu - thr - thr - met - glu -
sd
ir yoaE_manX-
p35 6.1 bits
sd-(11)-ir 1899806 Gap 3.0 bits
sd-ir 1899806 yoaE_manX- total 6.3 bits
p10 4.6 bits
p35-(24)-p10 1899806 Gap 2.4 bits
p35-p10 1899806 total 8.2 bits
*1899770 *1899760 *1899750 *1899740 *1899730 *1899720 *1899710 *1899700
5′ g t a t a g g g c a g t a g c c c g c a g t a t g g a t c g t c a c c g a c g t c a t t t c a g c a t c a g g c c t t t t a a c g c c t g c c t t t c t g g c a c 3′
- tyr - arg - ala - val - ala - arg - ser - met - asp - arg - his - arg - arg - his - phe - ser - ile - arg - pro - phe - asn - ala - cys - leu - ser - gly - thr -
*1899690 *1899680 *1899670 *1899660 *1899650 *1899640 *1899630 *1899620
5′ t c t a t g c c g c a c c t t t c g t t t g c a t t t t g t c g t t a c g c c t g c a t t a t t t c t g g c g t c g a a t a g c t a t t c c t t a a g c a g g a g 3′
- -fMet - pro - his - leu - ser - phe - ala - phe - cys - arg - tyr - ala - cys - ile - ile - ser - gly - val - glu -
- leu - cys - arg - thr - phe - arg - leu - his - phe - val - val - thr - pro - ala - leu - phe - leu - ala - ser - asn - ser - tyr - ser - leu - ser - arg - ser -
-fMet - ser - leu - arg - leu - his - tyr - phe - trp - arg - arg - ile - ala - ile - pro -
p35 6.2 bits
p10 4.2 bits
... sd
p35-(22)-p10 1899654 Gap 2.3 bits
p35-p10 1899654 total 8.0 bits
... sd-(9)-ir 1899
... sd-ir 1899609
p10 0.5 bits
p35-(24)-p10 1899652 Gap 2.4 bits
p35-p10 1899652 total 4.3 bits
*1899610 *1899600 *1899590
5′ c t t g t c a t g g a a t t c t t a a t g g a c c c 3′
- -fMet - glu - phe - leu - met - asp -
- leu - ser - trp - asn - ser -
-fMet
... sd
... NC_000913.yoaE
... sd-(9)-ir 1899609 Gap 2.3 bits
... sd-ir 1899609 yoaE_manX- total 12.5 bits
orf 70 codons
ir yoaE_manX-