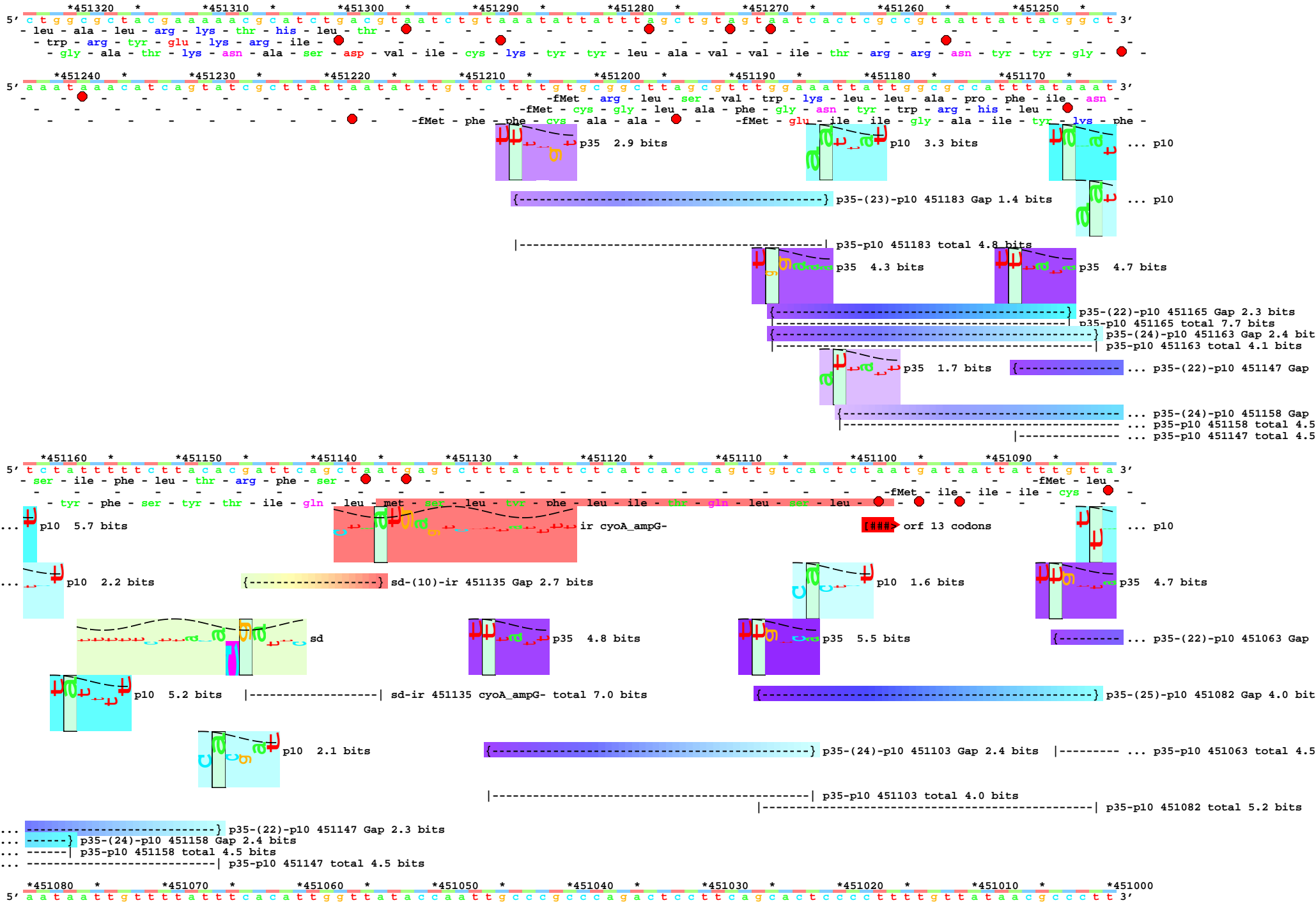


piece 1, NC_000913, cyoA_ampG-, config: linear, direction: -, begin: 451323, end: 450815



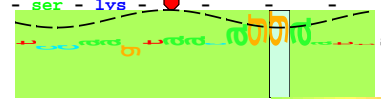
5' *a a t a a t t g t t t t a t t t c a c a t t g g t t a t a c c a a t t g c c c c a g a c t t c a g c a c c c t t t g t t a t a a c g c c c t t* 3'

- asn - asn - cys - phe - ile - ser - his - trp - leu - tyr - gln - leu - pro - ala - gln - thr - pro - ser - ala - leu - pro - phe - cys - tyr - asn - ala - leu -
 -fMet - phe - tyr - phe - thr - leu - val - ile - pro - ile - ala - arg - pro - asp - ser - phe - ser - thr - pro - leu - leu - leu -

p10 3.7 bits p10 2.2 bits

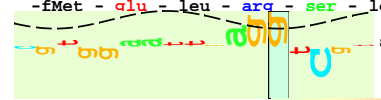
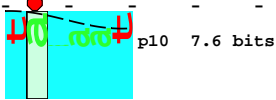
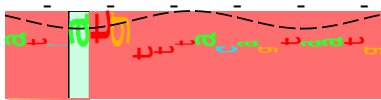
p35-(22)-p10 451063 Gap 2.3 bits
 p35-p10 451063 total 4.5 bits

5' *450990 *450980 *450970 *450960 *450950 *450940 *450930 *450920
 t t g c a a c a g c t t c t t a a a a t c a a c c t g a t a t g t t t t g c a a c a t a t g t g a c c t g g c a g c c a a a t c c a a g t a a c a g g a a t t t a 3'
 - leu - gln - gln - leu - leu - lys - ile - asn - leu - ile - cys - phe - ala - thr - tyr - val - thr - trp - gln - pro - asn - pro - ser - asn - arg - asn - leu -
 -fMet - phe - cys - asn - ile - cys - asp - leu - ala - ala - lys - ser - lys -



sd-(10)-ir 450915 Gap
 sd-ir 450915 cyoA_ampG- t
 p35
 p35-(22)-p10 450899 Gap
 p35-p10 450899 total 7.8

*450910 *450900 *450890 *450880 *450870 *450860 *450850 *450840
 a t c a t g t t t a c a g t a a t g t a a c c t t c c c g t a a a a t g c c a c a c a c t t t a a a c g c c a c c a g a t c c c g t g g a a t t g a g g t c g t 3'
 - ile - met - phe - thr - val - met -fMet - pro - thr - his - phe - lys - arg - his - gln - ile - pro - trp - asn -
 -fMet - glu - leu - arg - ser - leu -



sd-(10)-ir 450915 Gap 2.7 bits
 sd-ir 450915 cyoA_ampG- total 13.5 bits
 p35 5.7 bits

[###] orf 6 codons

sd-(8)-ir 450834 Gap
 sd-ir 450834 cyoA_ampG- t

p35-(22)-p10 450899 Gap 2.3 bits
 p35-p10 450899 total 7.8 bits
 p10 4.5 bits



p35-(23)-p10 450888 Gap 1.4 bits
 p35-p10 450888 total 11.7 bits

*450830 *450820
 t a a a t g a g a c t c a g g a a a t a c a a 3'
 -fMet - arg - leu - arg - lys - tyr -
 - asn - glu - thr - gln - glu - ile - gln - ... NC_000913.cyoA

sd-(8)-ir 450834 Gap 2.4 bits
 sd-ir 450834 cyoA ampG- total 5.3 bits

