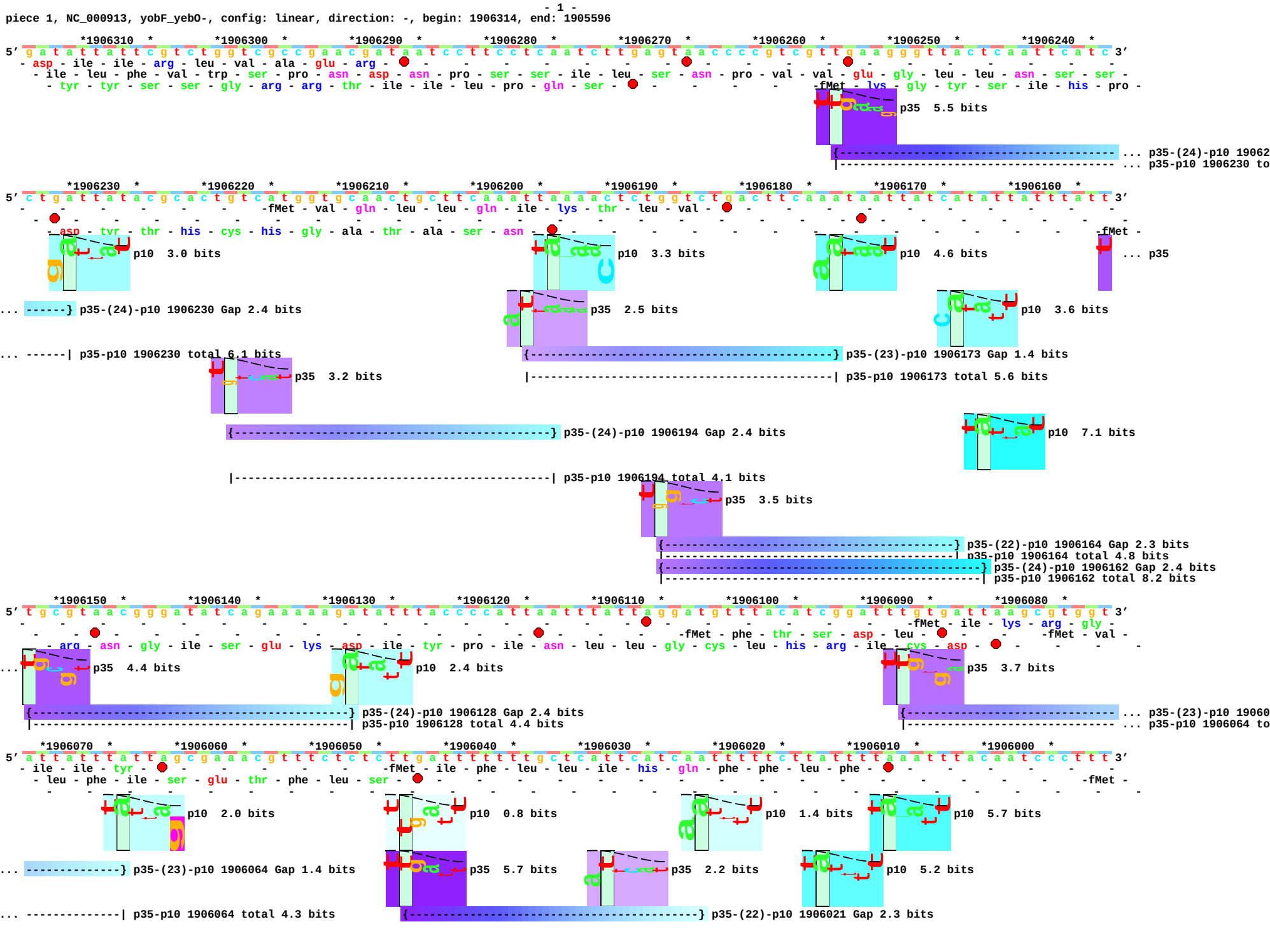
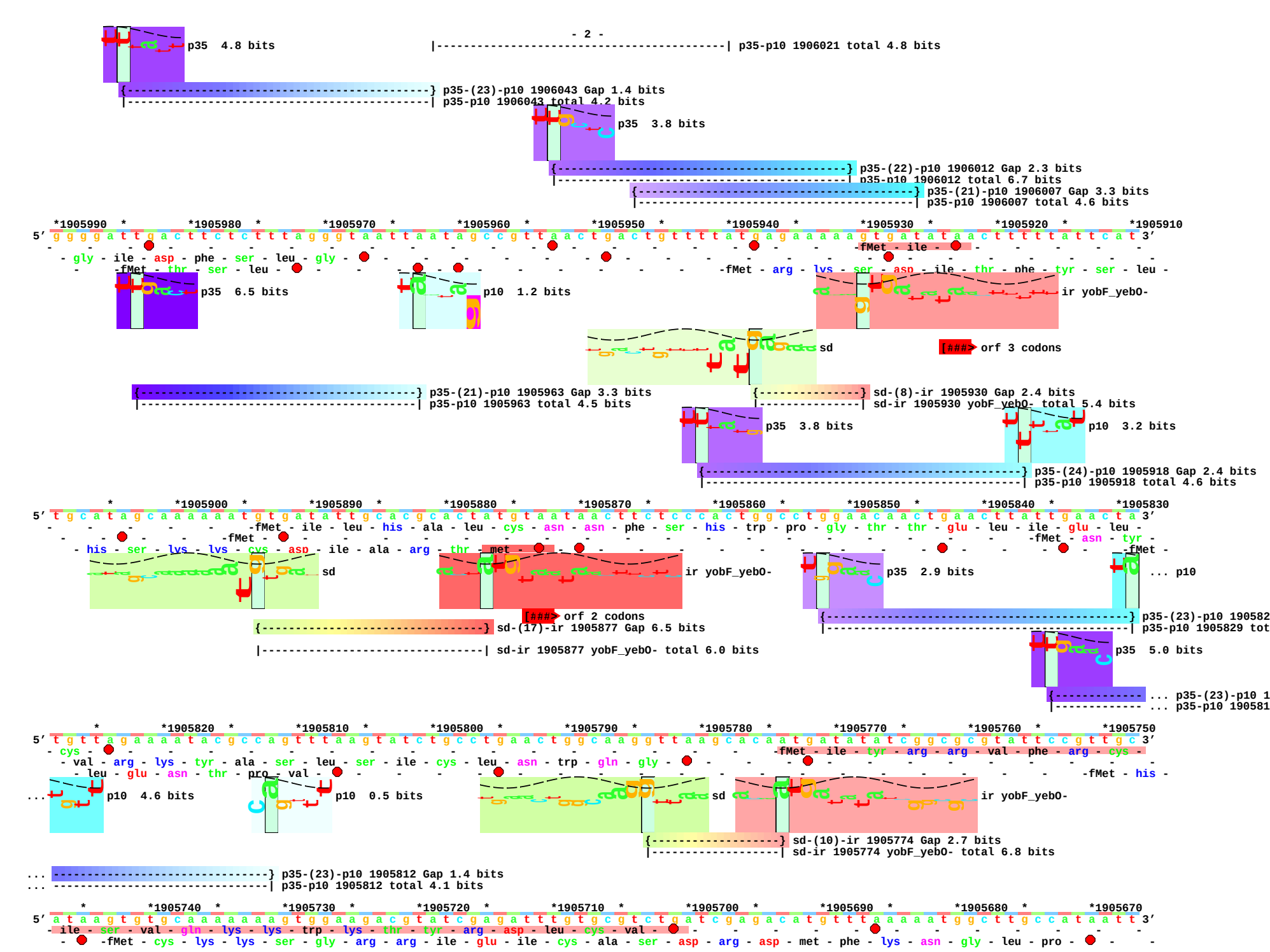
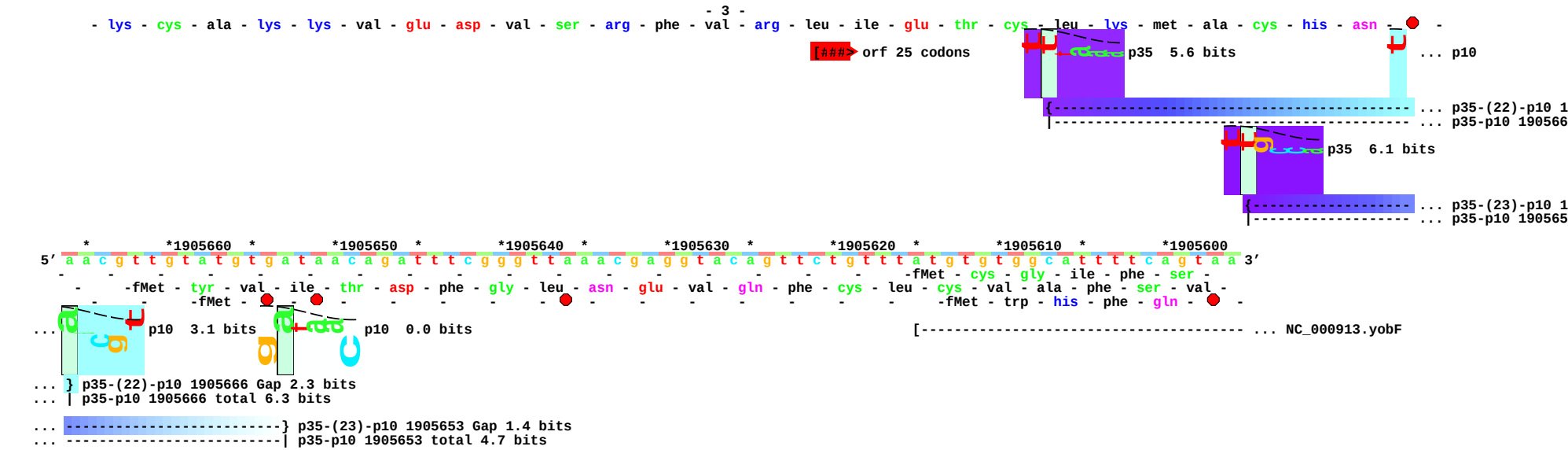
piece 1, NC_000913, yobF_yebO-, config: linear, direction: -, begin: 1906314, end: 1905596




p35 4.8 bits
p35-p10 1906021 total 4.8 bits
p35-(23)-p10 1906043 Gap 1.4 bits
p35-p10 1906043 total 4.2 bits
p35 3.8 bits
p35-(22)-p10 1906012 Gap 2.3 bits
p35-p10 1906012 total 6.7 bits
p35-(21)-p10 1906007 Gap 3.3 bits
p35-p10 1906007 total 4.6 bits
*1905990 *1905980 *1905970 *1905960 *1905950 *1905940 *1905930 *1905920 *1905910
5' g g g g a t t g a c t t c t c t t t a g g t a a t t a a t a g c c g t t a a c t g a c t g t t t t a t g a g a a a a a g t g a t a t a a c t t t t t a t t c a t 3'
- gly - ile - asp - phe - ser - leu - gly -
-fMet - thr - ser - leu -
-fMet - ile -
-fMet - arg - lys - ser - asp - ile - thr - phe - tyr - ser - leu -
p35 6.5 bits
p10 1.2 bits
ir yobF_yebO-
sd
[###> orf 3 codons
p35-(21)-p10 1905963 Gap 3.3 bits
p35-p10 1905963 total 4.5 bits
sd-(8)-ir 1905930 Gap 2.4 bits
sd-ir 1905930 yobF_yebO- total 5.4 bits
p35 3.8 bits
p10 3.2 bits
p35-(24)-p10 1905918 Gap 2.4 bits
p35-p10 1905918 total 4.6 bits
*1905900 *1905890 *1905880 *1905870 *1905860 *1905850 *1905840 *1905830
5' t g c a t a g c a a a a a a t g t g a t a t t g c a c g c a c t a t g t a a t a a c t t c t c c c a c t g g c c t g g a a c a a c t g a a c t t a t t g a a c t a 3'
-fMet - ile - leu - his - ala - leu - cys - asn - asn - phe - ser - his - trp - pro - gly - thr - thr - glu - leu - ile - glu - leu -
-fMet -
-fMet - asn - tyr -
- his - ser - lys - lys - cys - asp - ile - ala - arg - thr - met -
-fMet -
sd
ir yobF_yebO-
p35 2.9 bits
... p10
[###> orf 2 codons
sd-(17)-ir 1905877 Gap 6.5 bits
sd-ir 1905877 yobF_yebO- total 6.0 bits
p35 5.0 bits
... p35-(23)-p10 1
... p35-p10 190581
*1905820 *1905810 *1905800 *1905790 *1905780 *1905770 *1905760 *1905750
5' t g t t a g a a a a a t a c g c c a g t t t a a g t a t c t g c c t g a a c t g g c a a g g t t a a g c a c a a t g a t a t a t c g g c g c g t a t t c c g t t g c 3'
- cys -
-fMet - ile - tyr - arg - arg - val - phe - arg - cys -
- val - arg - lys - tyr - ala - ser - leu - ser - ile - cys - leu - asn - trp - gln - gly -
- leu - glu - asn - thr - pro - val -
-fMet - his -
... p10 4.6 bits
p10 0.5 bits
sd
ir yobF_yebO-
sd-(10)-ir 1905774 Gap 2.7 bits
sd-ir 1905774 yobF_yebO- total 6.8 bits
... p35-(23)-p10 1905812 Gap 1.4 bits
... p35-p10 1905812 total 4.1 bits
*1905740 *1905730 *1905720 *1905710 *1905700 *1905690 *1905680 *1905670
5' a t a a g t g t g c a a a a a a a a g t g g a a g a c g t a t c g a g a t t t g t g c g t c t g a t c g a g a c a t g t t t a a a a a t g g c t t g c c a t a a t t 3'
- ile - ser - val - gln - lys - lys - trp - lys - thr - tyr - arg - asp - leu - cys - val -
-fMet - cys - lys - lys - ser - gly - arg - arg - ile - glu - ile - cys - ala - ser - asp - arg - asp - met - phe - lys - asn - gly - leu - pro -


- lys - cys - ala - lys - lys - val - glu - asp - val - ser - arg - phe - val - arg - leu - ile - glu - thr - cys - leu - lys - met - ala - cys - his - asn -
[###> orf 25 codons
p35 5.6 bits
... p10
{---------- ... p35-(22)-p10 1
|---------- ... p35-p10 190566
p35 6.1 bits
{---------- ... p35-(23)-p10 1
|---------- ... p35-p10 190565
*1905660 *1905650 *1905640 *1905630 *1905620 *1905610 *1905600
5' 3'
-fMet - cys - gly - ile - phe - ser -
-fMet - tyr - val - ile - thr - asp - phe - gly - leu - asn - glu - val - gln - phe - cys - leu - cys - val - ala - phe - ser - val -
-fMet - trp - his - phe - gln -
... p10 3.1 bits
p10 0.0 bits
[---------- ... NC_000913.yobF
... } p35-(22)-p10 1905666 Gap 2.3 bits
... | p35-p10 1905666 total 6.3 bits
... ----------} p35-(23)-p10 1905653 Gap 1.4 bits
... ----------| p35-p10 1905653 total 4.7 bits