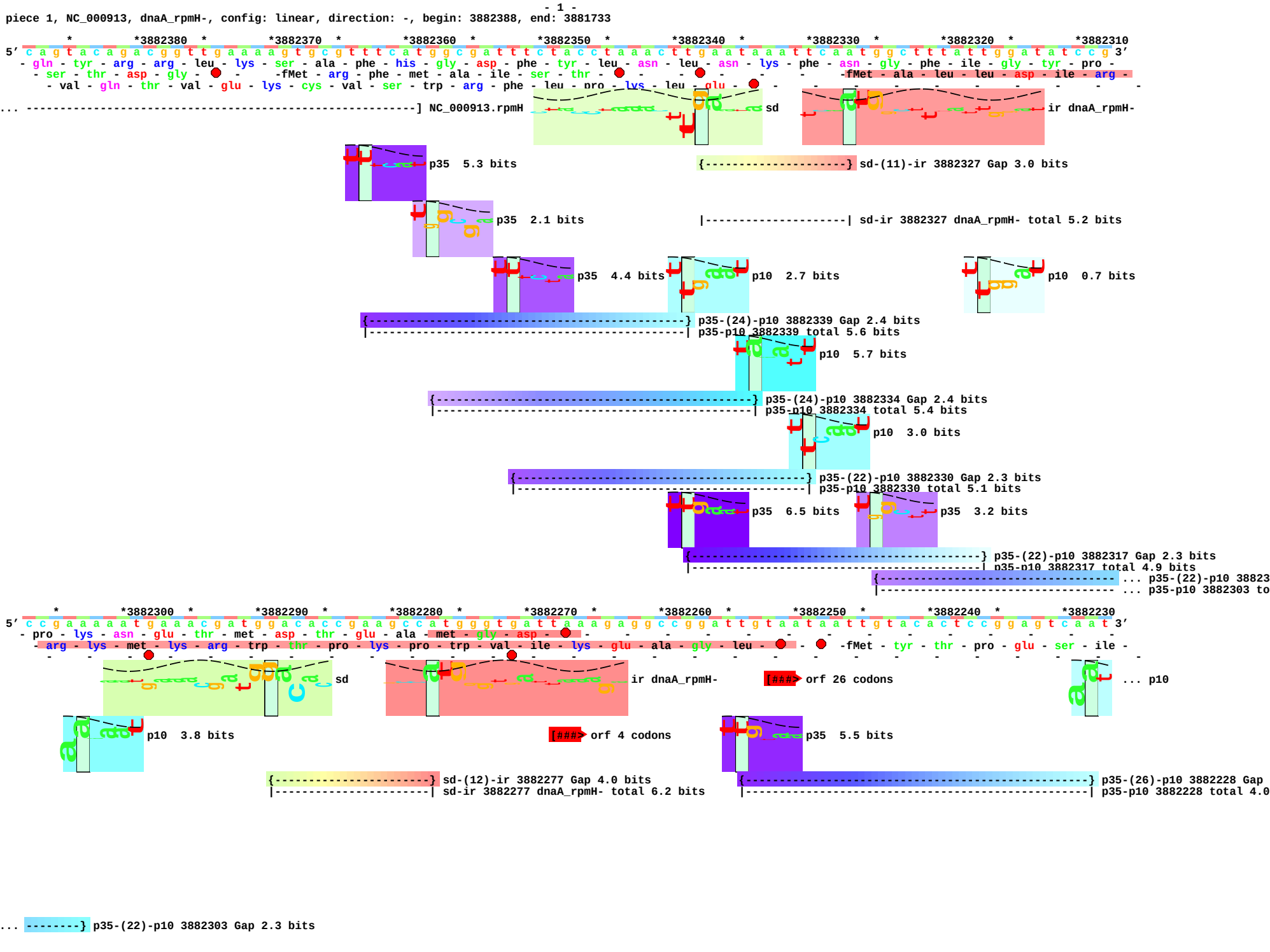
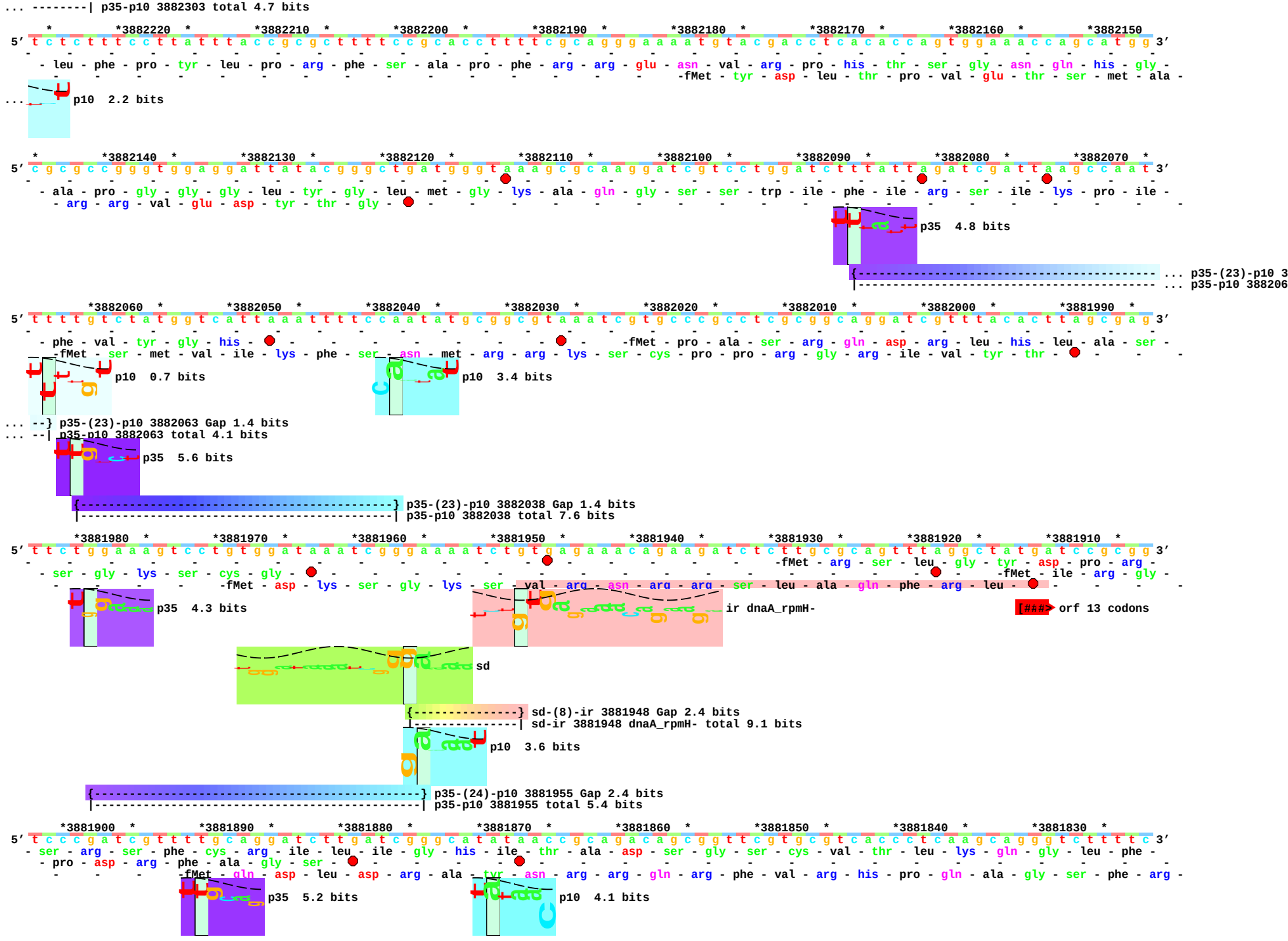
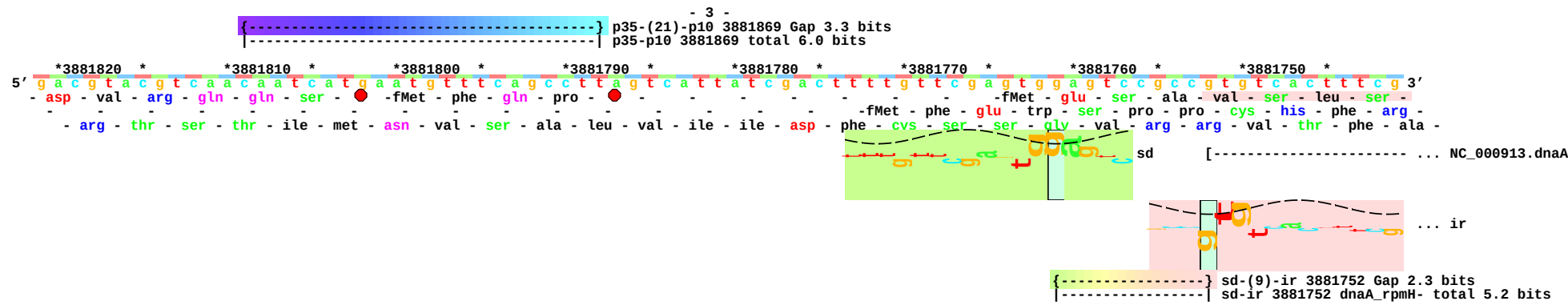

piece 1, NC_000913, dnaA_rpmH-, config: linear, direction: -, begin: 3882388, end: 3881733
*3882380 *3882370 *3882360 *3882350 *3882340 *3882330 *3882320 *3882310
5′ c a g t a c a g a c g g t t g a a a a g t g c g t t t c a t g g c g a t t t c t a c c t a a a c t t g a a t a a a t t c a a t g g c t t a t t g g a t a t c c g 3′
- gln - tyr - arg - arg - leu - lys - ser - ala - phe - his - gly - asp - phe - tyr - leu - asn - leu - asn - lys - phe - asn - gly - phe - ile - gly - tyr - pro -
- ser - thr - asp - gly - -fMet - arg - phe - met - ala - ile - ser - thr - -fMet - ala - leu - leu - asp - ile - arg -
- val - gln - thr - val - glu - lys - cys - val - ser - trp - arg - phe - leu - pro - lys - leu - glu - -
... ----------] NC_000913.rpmH
sd
ir dnaA_rpmH-
p35 5.3 bits
{----------} sd-(11)-ir 3882327 Gap 3.0 bits
p35 2.1 bits
|----------| sd-ir 3882327 dnaA_rpmH- total 5.2 bits
p35 4.4 bits
p10 2.7 bits
p10 0.7 bits
{----------} p35-(24)-p10 3882339 Gap 2.4 bits
|----------| p35-p10 3882339 total 5.6 bits
p10 5.7 bits
{----------} p35-(24)-p10 3882334 Gap 2.4 bits
|----------| p35-p10 3882334 total 5.4 bits
p10 3.0 bits
{----------} p35-(22)-p10 3882330 Gap 2.3 bits
|----------| p35-p10 3882330 total 5.1 bits
p35 6.5 bits
p35 3.2 bits
{----------} p35-(22)-p10 3882317 Gap 2.3 bits
|----------| p35-p10 3882317 total 4.9 bits
{---------- ... p35-(22)-p10 38823
|---------- ... p35-p10 3882303 to
*3882300 *3882290 *3882280 *3882270 *3882260 *3882250 *3882240 *3882230
5′ c c g a a a a a t g a a a c g a t g g a c a c c g a a g c c a t g g g t g a t t a a g a g g c c g g a t t g t a a t a a t t g t a c a c t c c g g a g t c a a t 3′
- pro - lys - asn - glu - thr - met - asp - thr - glu - ala - met - gly - asp -
- arg - lys - met - lys - arg - trp - thr - pro - lys - pro - trp - val - ile - lys - glu - ala - gly - leu - -fMet - tyr - thr - pro - glu - ser - ile -
sd
ir dnaA_rpmH-
[###> orf 26 codons
... p10
p10 3.8 bits
[###> orf 4 codons
p35 5.5 bits
{----------} sd-(12)-ir 3882277 Gap 4.0 bits
|----------| sd-ir 3882277 dnaA_rpmH- total 6.2 bits
{---------- p35-(26)-p10 3882228 Gap
|---------- p35-p10 3882228 total 4.0
... --------} p35-(22)-p10 3882303 Gap 2.3 bits


... --------| p35-p10 3882303 total 4.7 bits
*3882220 *3882210 *3882200 *3882190 *3882180 *3882170 *3882160 *3882150
5′ t c t c t t t c c t t a t t t a c c g c g c t t t t c c g c a c c t t t t c g c a g g g a a a a t g t a c g a c c t c a c a c c a g t g g a a a c c a g c a t g g 3′
- leu - phe - pro - tyr - leu - pro - arg - phe - ser - ala - pro - phe - arg - arg - glu - asn - val - arg - pro - his - thr - ser - gly - asn - gln - his - gly -
-fMet - tyr - asp - leu - thr - pro - val - glu - thr - ser - met - ala -
... p10 2.2 bits
*3882140 *3882130 *3882120 *3882110 *3882100 *3882090 *3882080 *3882070
5′ c g c g c c g g g t g g a g g a t t a t a c g g g c t g a t g g g t a a a g c g c a a g g a t c g t c c t g g a t c t t t a t t a g a t c g a t t a a g c c a a t 3′
- ala - pro - gly - gly - gly - leu - tyr - gly - leu - met - gly - lys - ala - gln - gly - ser - ser - trp - ile - phe - ile - arg - ser - ile - lys - pro - ile -
- arg - arg - val - glu - asp - tyr - thr - gly -
p35 4.8 bits
{---------- ... p35-(23)-p10 3
|---------- ... p35-p10 388206
*3882060 *3882050 *3882040 *3882030 *3882020 *3882010 *3882000 *3881990
5′ t t t t g t c t a t g g t c a t t a a a t t t t c c a a t a t g c g g c g t a a a t c g t g c c c g c c t c g c g g c a g g a t c g t t t a c a c t t a g c g a g 3′
- phe - val - tyr - gly - his - -fMet - pro - ala - ser - arg - gln - asp - arg - leu - his - leu - ala - ser -
-fMet - ser - met - val - ile - lys - phe - ser - asn - met - arg - arg - lys - ser - cys - pro - pro - arg - gly - arg - ile - val - tyr - thr -
p10 0.7 bits
p10 3.4 bits
... --} p35-(23)-p10 3882063 Gap 1.4 bits
... --| p35-p10 3882063 total 4.1 bits
p35 5.6 bits
{----------} p35-(23)-p10 3882038 Gap 1.4 bits
|----------| p35-p10 3882038 total 7.6 bits
*3881980 *3881970 *3881960 *3881950 *3881940 *3881930 *3881920 *3881910
5′ t t c t g g a a a g t c c t g t g g a t a a a t c g g g a a a a t c t g t g a g a a a c a g a a g a t c t c t t g c g c a g t t t a g g c t a t g a t c c g c g g 3′
- ser - gly - lys - ser - cys - gly - -fMet - arg - ser - leu - gly - tyr - asp - pro - arg -
-fMet - asp - lys - ser - gly - lys - ser - val - arg - asn - arg - arg - ser - leu - ala - gln - phe - arg - leu - -fMet - ile - arg - gly -
p35 4.3 bits
ir dnaA_rpmH-
[###> orf 13 codons
sd
{----------} sd-(8)-ir 3881948 Gap 2.4 bits
|----------| sd-ir 3881948 dnaA_rpmH- total 9.1 bits
p10 3.6 bits
{----------} p35-(24)-p10 3881955 Gap 2.4 bits
|----------| p35-p10 3881955 total 5.4 bits
*3881900 *3881890 *3881880 *3881870 *3881860 *3881850 *3881840 *3881830
5′ t c c c g a t c g t t t t g c a g g a t c t t g a t c g g g c a t a t a a c c g c a g a c a g c g g t t c g t g c g t c a c c c t c a a g c a g g g t c t t t t c 3′
- ser - arg - ser - phe - cys - arg - ile - leu - ile - gly - his - ile - thr - ala - asp - ser - gly - ser - cys - val - thr - leu - lys - gln - gly - leu - phe -
- pro - asp - arg - phe - ala - gly - ser -
-fMet - gln - asp - leu - asp - arg - ala - tyr - asn - arg - arg - gln - arg - phe - val - arg - his - pro - gln - ala - gly - ser - phe - arg -
p35 5.2 bits
p10 4.1 bits


- 3 -
p35-(21)-p10 3881869 Gap 3.3 bits
p35-p10 3881869 total 6.0 bits
*3881820 *
*3881810 *
*3881800 *
*3881790 *
*3881780 *
*3881770 *
*3881760 *
*3881750 *
5′ g a c g t a c g t c a a c a a t c a t g a a t g t t t c a g c c t t a g t c a t t a t c g a c t t t t g t t c g a g t g g a g t c c g c c g t g t c a c t t t c g 3′
- asp - val - arg - gln - gln - ser - -fMet - phe - gln - pro -
-fMet - glu - ser - ala - val - ser - leu - ser -
-fMet - phe - glu - trp - ser - pro - pro - cys - his - phe - arg -
- arg - thr - ser - thr - ile - met - asn - val - ser - ala - leu - val - ile - ile - asp - phe - cys - ser - ser - gly - val - arg - arg - val - thr - phe - ala -
sd
[---------- ... NC_000913.dnaA
... ir
{----------} sd-(9)-ir 3881752 Gap 2.3 bits
|----------| sd-ir 3881752 dnaA_rpmH- total 5.2 bits
*3881740 *
5′ c t t t g g c a 3′
- leu - trp -
- phe - gly -
- leu - ala -
... ---------- ... NC_000913.dnaA
... ir dnaA_rpmH-