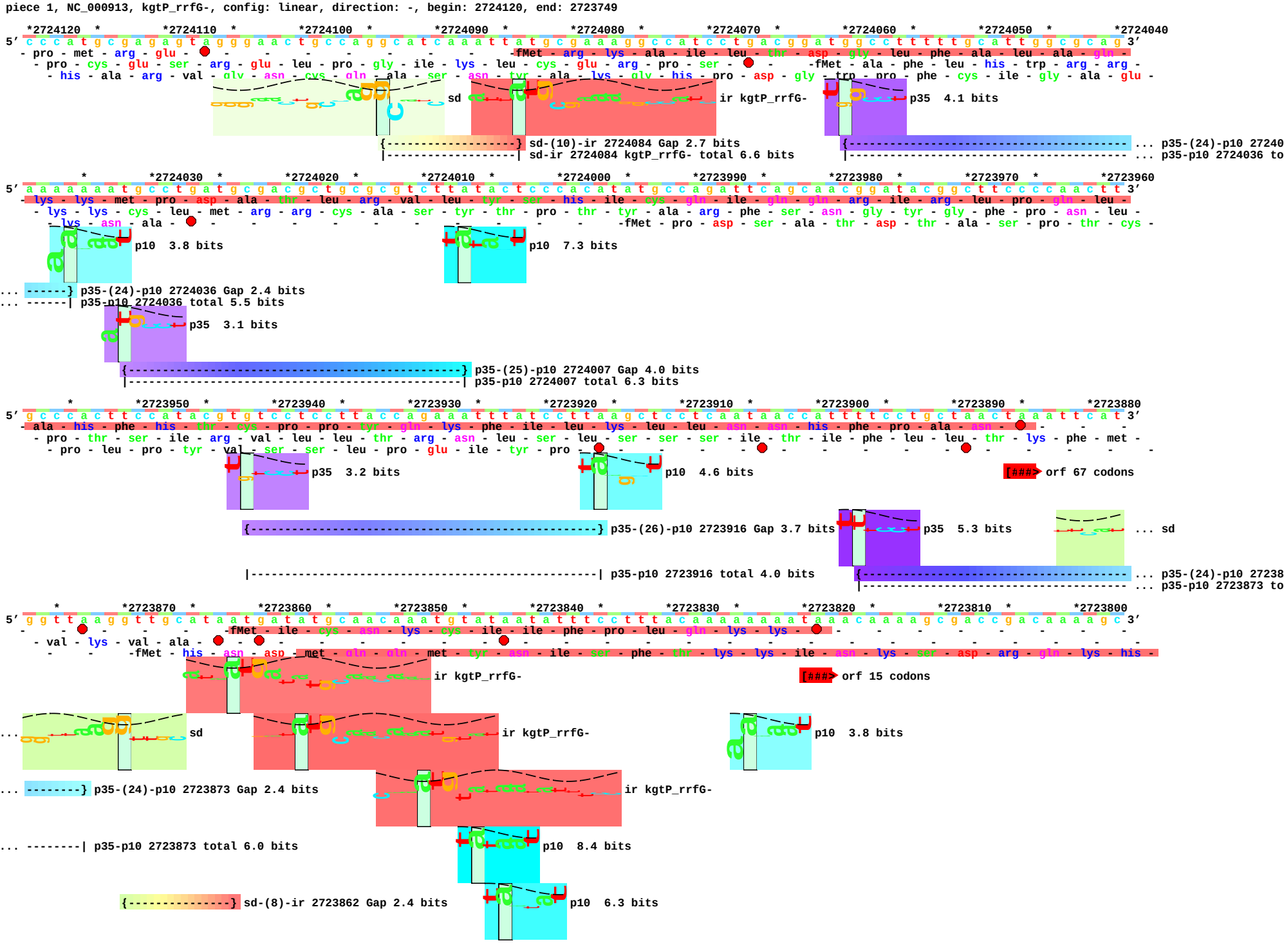
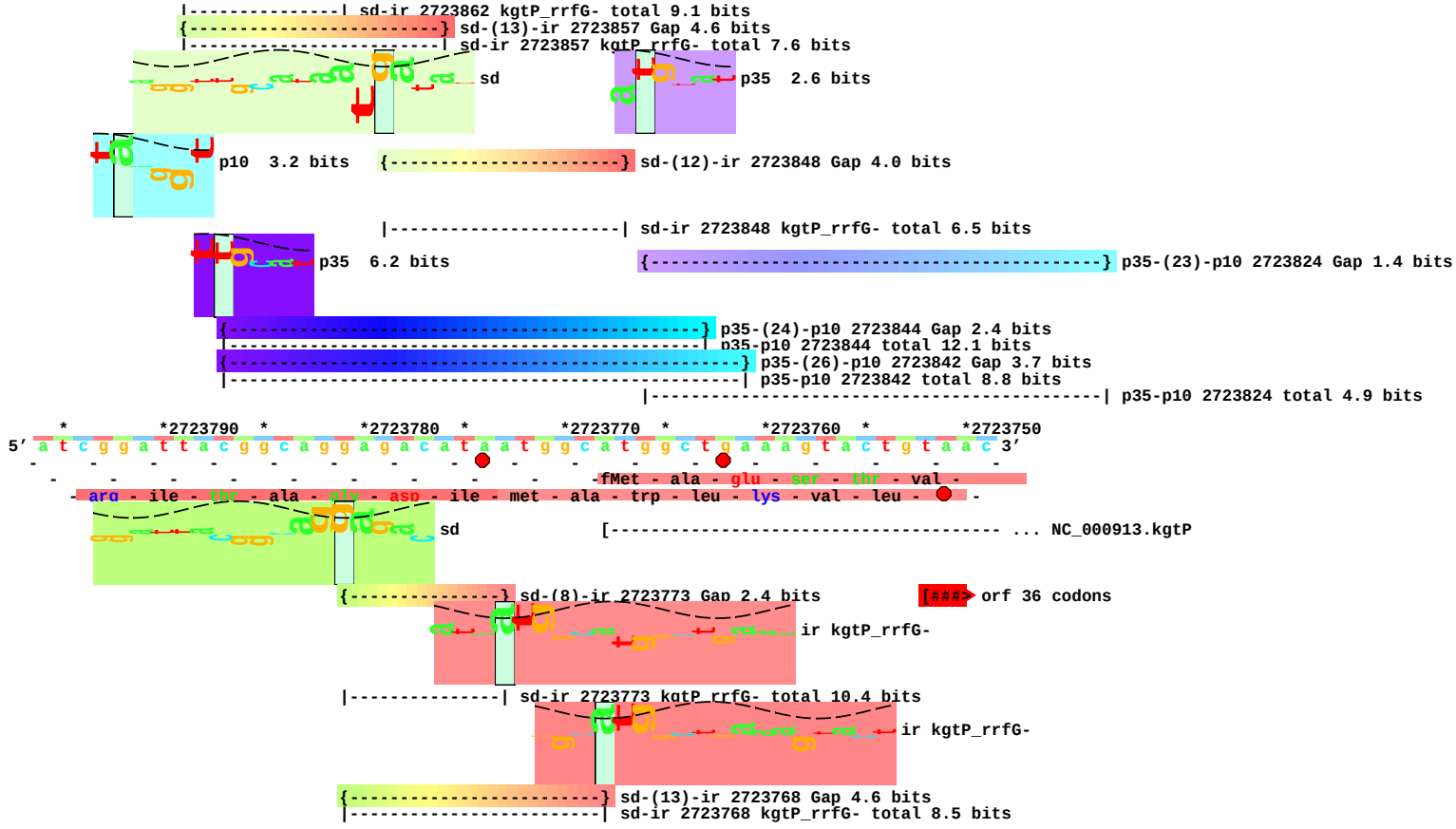

piece 1, NC_000913, kgtP_rrfG-, config: linear, direction: -, begin: 2724120, end: 2723749
*2724120 *2724110 *2724100 *2724090 *2724080 *2724070 *2724060 *2724050 *2724040
5′ c c c a t g c g a g a g t a g g g a a c t g c c a g g c a t c a a a t t a t g c g a a a g g c c a t c c t g a c g g a t g g c c t t t t t g c a t t g g c g c a g 3′
- pro - met - arg - glu - fMet - arg - lys - ala - ile - leu - thr - asp - gly - leu - phe - ala - leu - ala - gln -
- pro - cys - glu - ser - arg - glu - leu - pro - gly - ile - lys - leu - cys - glu - arg - pro - ser - fMet - ala - phe - leu - his - trp - arg - arg -
- his - ala - arg - val - glv - asn - cys - gln - ala - ser - asn - tyr - ala - lys - gly - his - pro - asp - gly - trp - pro - phe - cys - ile - gly - ala - glu -
sd
ir kgtP_rrfG-
p35 4.1 bits
{----------} sd-(10)-ir 2724084 Gap 2.7 bits
|----------| sd-ir 2724084 kgtP_rrfG- total 6.6 bits
{---------- ... p35-(24)-p10 27240
|---------- ... p35-p10 2724036 to
*2724030 *2724020 *2724010 *2724000 *2723990 *2723980 *2723970 *2723960
5′ a a a a a a a t g c c t g a t g c g a c g c t g c g c g t c t t a t a c t c c c a c a t a t g c c a g a t t c a g c a a c g g a t a c g g c t t c c c c a a c t t 3′
- lys - lys - met - pro - asp - ala - thr - leu - arg - val - leu - tyr - ser - his - ile - cys - gln - ile - gln - gln - arg - ile - arg - leu - pro - gln - leu -
- lys - lys - cys - leu - met - arg - arg - cys - ala - ser - tyr - thr - pro - thr - tyr - ala - arg - phe - ser - asn - gly - tyr - gly - phe - pro - asn - leu -
- lys - asn - ala - fMet - pro - asp - ser - ala - thr - asp - thr - ala - ser - pro - thr - cys -
p10 3.8 bits
p10 7.3 bits
... ------} p35-(24)-p10 2724036 Gap 2.4 bits
... ------| p35-p10 2724036 total 5.5 bits
p35 3.1 bits
{----------} p35-(25)-p10 2724007 Gap 4.0 bits
|----------| p35-p10 2724007 total 6.3 bits
*2723950 *2723940 *2723930 *2723920 *2723910 *2723900 *2723890 *2723880
5′ g c c c a c t t c c a t a c g t g t c c t c c t t a c c a g a a a t t t a t c c t t a a g c t c c t c a a t a a c c a t t t t c c t g c t a a c t a a a t t c a t 3′
- ala - his - phe - his - thr - cys - pro - pro - tyr - gln - lys - phe - ile - leu - lys - leu - leu - asn - asn - his - phe - pro - ala - asn -
- pro - thr - ser - ile - arg - val - leu - leu - thr - arg - asn - leu - ser - leu - ser - ser - ser - ile - thr - ile - phe - leu - leu - thr - lys - phe - met -
- pro - leu - pro - tyr - val - ser - ser - leu - pro - glu - ile - tyr - pro -
p35 3.2 bits
p10 4.6 bits
[###> orf 67 codons
{---------- p35-(26)-p10 2723916 Gap 3.7 bits
p35 5.3 bits
... sd
|---------- p35-p10 2723916 total 4.0 bits
{---------- ... p35-(24)-p10 27238
|---------- ... p35-p10 2723873 to
*2723870 *2723860 *2723850 *2723840 *2723830 *2723820 *2723810 *2723800
5′ g g t t a a g g t t g c a t a a t g a t a t g c a a c a a a t g t a t a a t a t t t c c t t t a c a a a a a a a a t a a a c a a a a g c g a c c g a c a a a a g c 3′
- fMet - ile - cys - asn - lys - cys - ile - ile - phe - pro - leu - gln - lys - lys -
- val - lys - val - ala - fMet - his - asn - asp - met - gln - gln - met - tyr - asn - ile - ser - phe - thr - lys - lys - ile - asn - lys - ser - asp - arg - gln - lys - his -
ir kgtP_rrfG-
[###> orf 15 codons
... sd
ir kgtP_rrfG-
p10 3.8 bits
... --------} p35-(24)-p10 2723873 Gap 2.4 bits
ir kgtP_rrfG-
... --------| p35-p10 2723873 total 6.0 bits
p10 8.4 bits
{----------} sd-(8)-ir 2723862 Gap 2.4 bits
p10 6.3 bits


|--------------| sd-ir 2723862 kgtP_rrfG- total 9.1 bits
{------------------------} sd-(13)-ir 2723857 Gap 4.6 bits
|------------------------| sd-ir 2723857 kgtP_rrfG- total 7.6 bits
sd
p35 2.6 bits
p10 3.2 bits
{----------------------} sd-(12)-ir 2723848 Gap 4.0 bits
|----------------------| sd-ir 2723848 kgtP_rrfG- total 6.5 bits
p35 6.2 bits
{---} p35-(23)-p10 2723824 Gap 1.4 bits
{---} p35-(24)-p10 2723844 Gap 2.4 bits
|---| p35-p10 2723844 total 12.1 bits
{---} p35-(26)-p10 2723842 Gap 3.7 bits
|---| p35-p10 2723842 total 8.8 bits
|---| p35-p10 2723824 total 4.9 bits
*2723790
*2723780
*2723770
*2723760
*2723750
5' a t c g g a t t a c g g c a g g a g a c a t a a t g g c a t g g c t g a a a g t a c t g t a a c 3'
fMet - ala - glu - ser - thr - val -
arg - ile - thr - ala - gly - asp - ile - met - ala - trp - leu - lys - val - leu -
sd
[---------- ... NC_000913.kgtP
{--------------} sd-(8)-ir 2723773 Gap 2.4 bits
[###> orf 36 codons
ir kgtP_rrfG-
|--------------| sd-ir 2723773 kgtP_rrfG- total 10.4 bits
ir kgtP_rrfG-
{------------------------} sd-(13)-ir 2723768 Gap 4.6 bits
|------------------------| sd-ir 2723768 kgtP_rrfG- total 8.5 bits