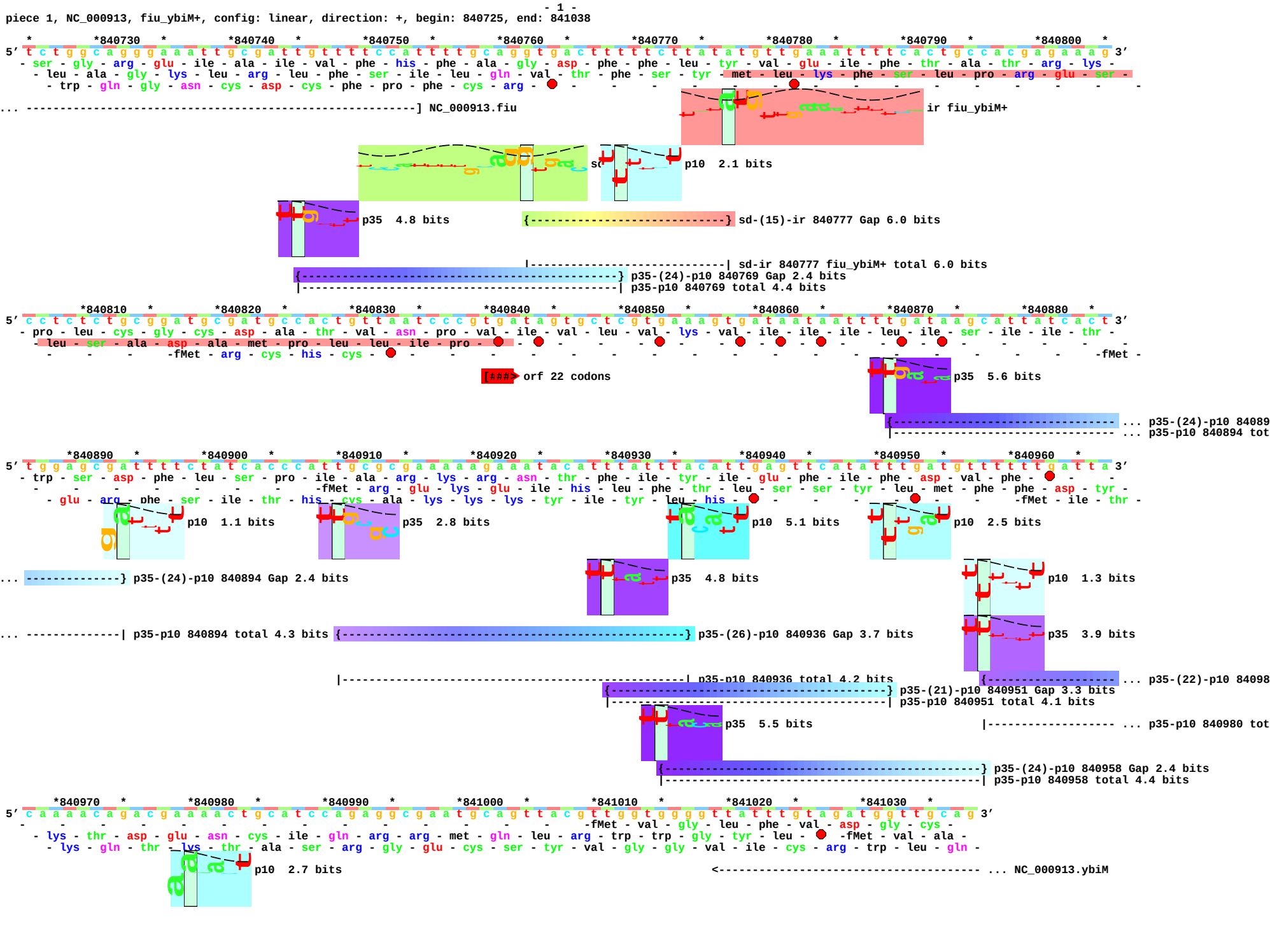
piece 1, NC_000913, fiu_ybiM+, config: linear, direction: +, begin: 840725, end: 841038
*840730 *840740 *840750 *840760 *840770 *840780 *840790 *840800
5′ t c t g g c a g g g a a a t t g c g a t t g t t t t c c a t t t g c a g g t g a c t t t t t c t t a t a t g t t g a a a t t t t c a c t g c c a c g a g a a a g 3′
- ser - gly - arg - glu - ile - ala - ile - val - phe - his - phe - ala - gly - asp - phe - phe - leu - tyr - val - glu - ile - phe - thr - ala - thr - arg - lys -
- leu - ala - gly - lys - leu - arg - leu - phe - ser - ile - leu - gln - val - thr - phe - ser - tyr - met - leu - lys - phe - ser - leu - pro - arg - glu - ser -
- trp - gln - gly - asn - cys - asp - cys - phe - pro - phe - cys - arg -
... ----------] NC_000913.fiu
ir fiu_ybiM+
p10 2.1 bits
p35 4.8 bits
{----------} sd-(15)-ir 840777 Gap 6.0 bits
|----------| sd-ir 840777 fiu_ybiM+ total 6.0 bits
{----------} p35-(24)-p10 840769 Gap 2.4 bits
|----------| p35-p10 840769 total 4.4 bits
*840810 *840820 *840830 *840840 *840850 *840860 *840870 *840880
5′ c c t c t c t g c g g a t g c g a t g c c a c t g t t a a t c c c g t g a t a g t g c t c g t g a a a g t g a t a a t a a t t t t g a t a a g c a t t a t c a c t 3′
- pro - leu - cys - gly - cys - asp - ala - thr - val - asn - pro - val - ile - val - leu - val - lys - val - ile - ile - ile - leu - ile - ser - ile - ile - thr -
- leu - ser - ala - asp - ala - met - pro - leu - leu - ile - pro -
- - - -fMet - arg - cys - his - cys -
[###> orf 22 codons
p35 5.6 bits
{---------- ... p35-(24)-p10 84089
|---------- ... p35-p10 840894 tot
*840890 *840900 *840910 *840920 *840930 *840940 *840950 *840960
5′ t g g a g c g a t t t t c t a t c a c c c a t t g c g c g a a a a a g a a a t a c a t t t t a t t t a c a t t g a g t t c a t a t t t g a t g t t t t t t g a t t a 3′
- trp - ser - asp - phe - leu - ser - pro - ile - ala - arg - lys - arg - asn - thr - phe - ile - tyr - ile - glu - phe - ile - phe - asp - val - phe -
-fMet - arg - glu - lys - glu - ile - his - leu - phe - thr - leu - ser - ser - tyr - leu - met - phe - phe - asp - tyr -
- glu - arg - phe - ser - ile - thr - his - cys - ala - lys - lys - lys - tyr - ile - tyr - leu - his -
-fMet - ile - thr -
p10 1.1 bits
p35 2.8 bits
p10 5.1 bits
p10 2.5 bits
... ----------} p35-(24)-p10 840894 Gap 2.4 bits
p35 4.8 bits
p10 1.3 bits
... ----------| p35-p10 840894 total 4.3 bits
{----------} p35-(26)-p10 840936 Gap 3.7 bits
p35 3.9 bits
|----------| p35-p10 840936 total 4.2 bits
{---------- ... p35-(22)-p10 84098
{----------} p35-(21)-p10 840951 Gap 3.3 bits
|----------| p35-p10 840951 total 4.1 bits
p35 5.5 bits
|---------- ... p35-p10 840980 tot
{----------} p35-(24)-p10 840958 Gap 2.4 bits
|----------| p35-p10 840958 total 4.4 bits
*840970 *840980 *840990 *841000 *841010 *841020 *841030
5′ c a a a a c a g a c g a a a a a c t g c a t c c a g a g g c g a a t g c a g t t a c g t t g g t g g g g t t a t t t g t a g a t g g t t g c a g 3′
-fMet - val - gly - leu - phe - val - asp - gly - cys -
- lys - thr - asp - glu - asn - cys - ile - gln - arg - arg - met - gln - leu - arg - trp - trp - gly - tyr - leu - -fMet - val - ala -
- lys - gln - thr - lys - thr - ala - ser - arg - gly - glu - cys - ser - tyr - val - gly - gly - val - ile - cys - arg - trp - leu - gln -
p10 2.7 bits
<---------- ... NC_000913.ybiM

... ----------------------} p35-(22)-p10 840980 Gap 2.3 bits

... ----------------------| p35-p10 840980 total 4.3 bits