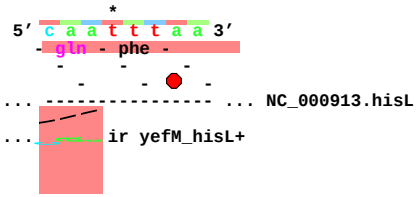
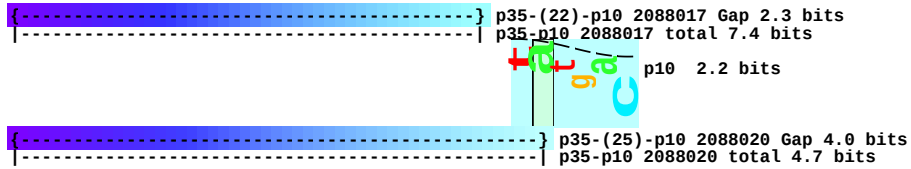
piece 1, NC_000913, yefM_hisL+, config: linear, direction: +, begin: 2087708, end: 2088039
*2087710 *2087720 *2087730 *2087740 *2087750 *2087760 *2087770 *2087780 *
5′ a c g c g c t t c g c t g t a g c t a a t t g t a c g c a t g t c a a t c t c c t c t t t t g t a c a g t t c a t t g t a c a a t g a t g a g c g t t a a t t a a 3′
- thr - arg - phe - ala - val - ala - asn - cys - thr - his - val - asn - leu - leu - phe - cys - thr - val - his - cys - thr - met - met - ser - val - asn -
- arg - ala - ser - leu - -fMet - ser - ile - ser - ser - phe - val - gln - phe - ile - val - gln -
- ala - leu - arg - cys - ser - -fMet - tyr - ala - cys - gln - ser - pro - leu - leu - tyr - ser - ser - leu - tyr - asn - asp - glu - arg -
... ----------] NC_000913.yefM
p35 4.1 bits
... p10
{----------} p35-(23)-p10 2087788 Ga
|----------| p35-p10 2087788 total 4
*2087790 *2087800 *2087810 *2087820 *2087830 *2087840 *2087850 *2087860 *
5′ c t a t t t a t t a a t t a g t t t g t a g a t c a a g g t a t t g t c a g t g a g a c g a a a a t c c a g g c t t c g c t a t t t t t g g t g c c a t c a g c t 3′
-fMet - val - pro - ser - ala -
-fMet - -fMet - ser - val - arg - arg - lys - ser - arg - leu - arg - tyr - phe - trp - cys - his - gln - leu -
... p10 1.9 bits
ir yefM_hisL+
sd
p35 2.6 bits
{----------} sd-(9)-ir 2087826 Gap 2.3 bits
|----------| sd-ir 2087826 yefM_hisL+ total 6.1 bits
p10 4.6 bits
{----------} p35-(23)-p10 2087819 Gap 1.4 bits
|----------| p35-p10 2087819 total 5.7 bits
*2087870 *2087880 *2087890 *2087900 *2087910 *2087920 *2087930 *2087940 *2087950
5′ a a g a g g a c a g t c c t c t t a g c c c c c t c t t c c c g c t c a t t c a t t a a a c a a a t c c a t t g c c a t a a a a t a t a a a a a g c c 3′
- lys - arg - thr - val - leu - leu - ala - pro - ser - phe - pro - arg - ser - phe - ile - lys - gln - ile - his - cys - his - lys - ile - tyr - lys - lys - ala -
- arg - gly - gln - ser - ser -
-fMet - pro -
[###> orf 21 codons
p35 2.2 bits
p10 7.6 bits
{----------} p35-(24)-p10 2087933 Gap 2.4 bits
|----------| p35-p10 2087933 total 7.4 bits
* *2087960 *2087970 *2087980 *2087990 *2088000 *2088010 *2088020 *2088030
5′ c t t g c t t t c t a a c g t g a a a g t g g t t t a g g t t a a a a g a c a t c a g t t g a a t a a a c a t t c a c a g a g a c t t t t a t g a c a c g c g t t 3′
- leu - ala - phe - -fMet - thr - arg - val -
-fMet - leu - ser - asn - val - lys - val - val - -fMet - asn - lys - his - ser - gln - arg - leu - leu -
p35 5.3 bits
p10 2.8 bits
sd
[---------- ... NC_000913.hisL
{----------} p35-(24)-p10 2087977 Gap 2.4 bits
... ir
|----------| p35-p10 2087977 total 5.7 bits
p35 6.5 bits
{----------} sd-(9)-ir 2088020 Gap 2.3 bits
|----------| sd-ir 2088020 yefM_hisL+ total 7.6 bits
p10 3.2 bits


*
5′ c a a t t t a a 3′
gln - phe -
... ... NC_000913.hisL
ir yefM_hisL+


p35-(22)-p10 2088017 Gap 2.3 bits
p35-p10 2088017 total 7.4 bits
p10 2.2 bits
p35-(25)-p10 2088020 Gap 4.0 bits
p35-p10 2088020 total 4.7 bits