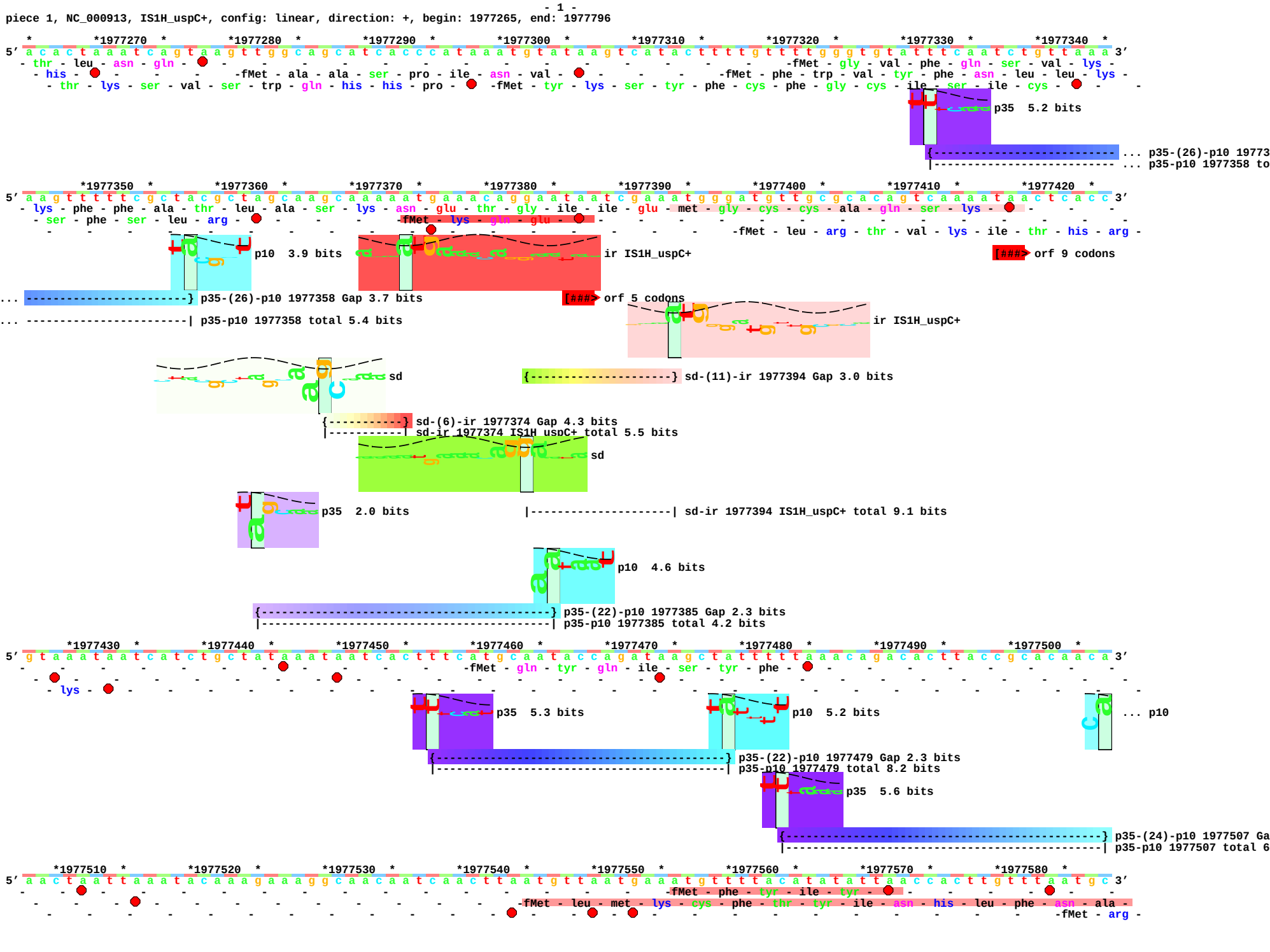
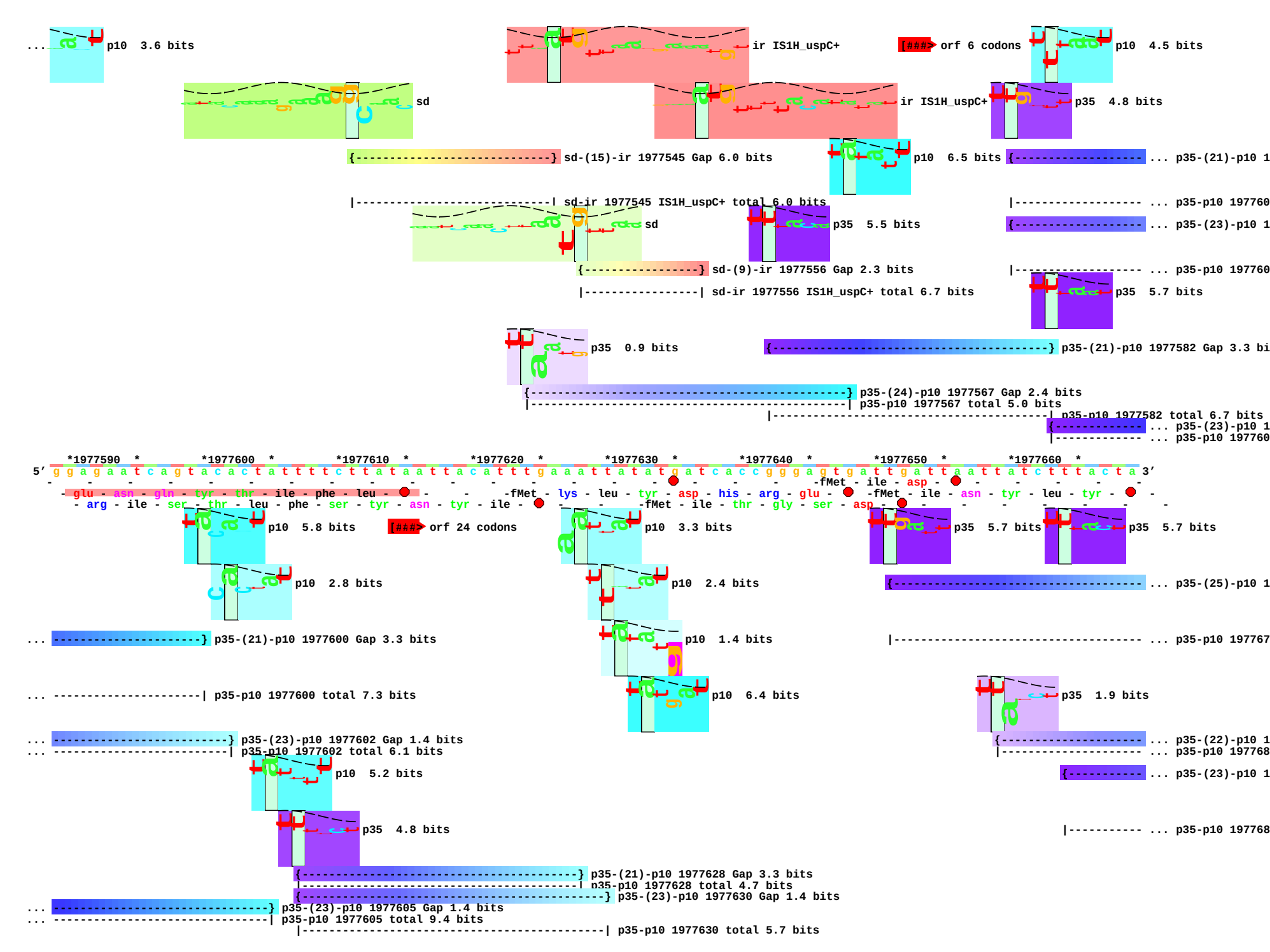
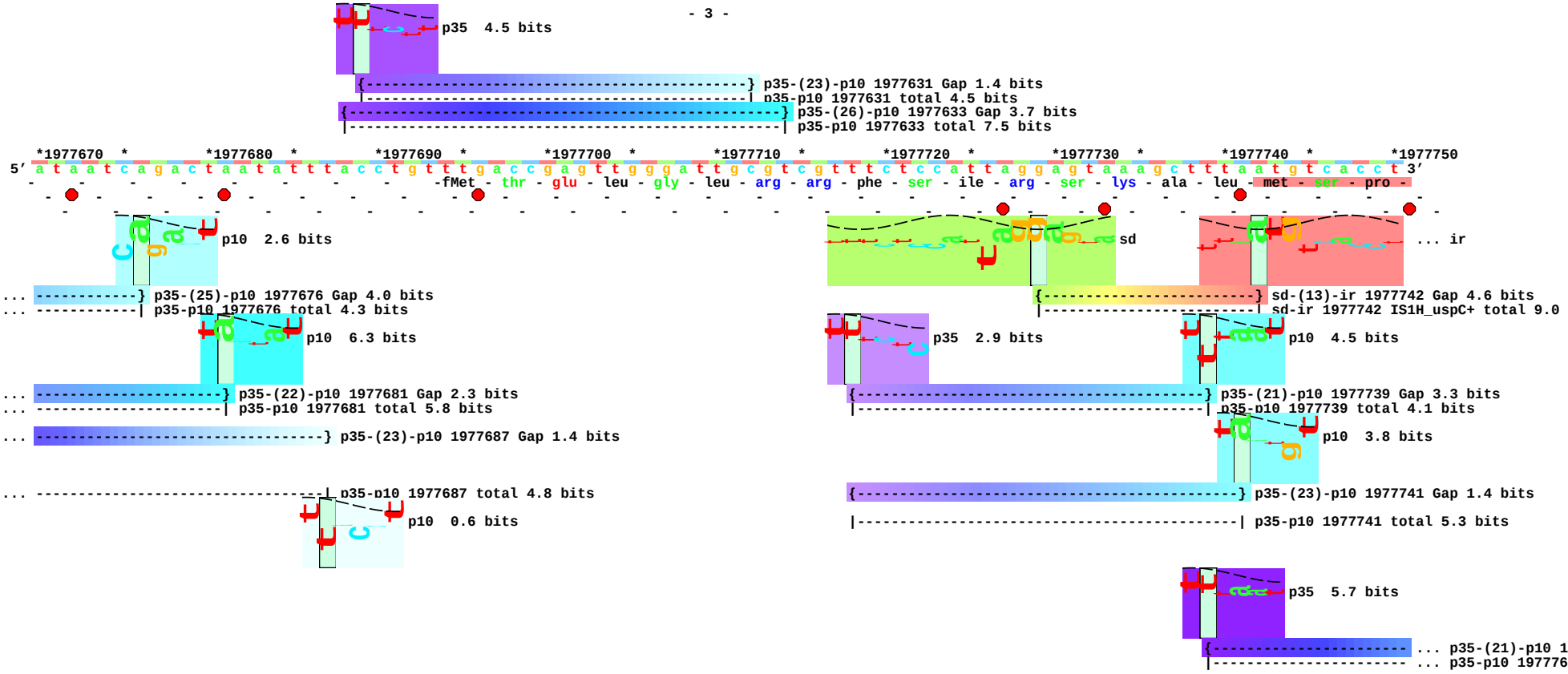
piece 1, NC_000913, IS1H_uspC+, config: linear, direction: +, begin: 1977265, end: 1977796




p10 3.6 bits
ir IS1H_uspC+
[###> orf 6 codons
p10 4.5 bits
sd
ir IS1H_uspC+
p35 4.8 bits
sd-(15)-ir 1977545 Gap 6.0 bits
p10 6.5 bits
... p35-(21)-p10 1
sd-ir 1977545 IS1H_uspC+ total 6.0 bits
... p35-p10 197760
sd
p35 5.5 bits
... p35-(23)-p10 1
sd-(9)-ir 1977556 Gap 2.3 bits
... p35-p10 197760
sd-ir 1977556 IS1H_uspC+ total 6.7 bits
p35 5.7 bits
p35 0.9 bits
p35-(21)-p10 1977582 Gap 3.3 bi
p35-(24)-p10 1977567 Gap 2.4 bits
p35-p10 1977567 total 5.0 bits
p35-p10 1977582 total 6.7 bits
... p35-(23)-p10 1
... p35-p10 197760
*1977590
*1977600
*1977610
*1977620
*1977630
*1977640
*1977650
*1977660
5′ g g a g a a t c a g t a c a c t a t t t t c t t a t a a t t a c a t t t g a a a t t a t a t g a t c a c c g g g a g t g a t t g a t t a a t t a t c t t t a c t a 3′
- glu - asn - gln - tyr - thr - ile - phe - leu -
-fMet - lys - leu - tyr - asp - his - arg - glu -
-fMet - ile - asp -
-fMet - ile - asn - tyr - leu - tyr -
- arg - ile - ser - thr - leu - phe - ser - tyr - asn - tyr - ile -
-fMet - ile - thr - gly - ser - asp -
p10 5.8 bits
[###> orf 24 codons
p10 3.3 bits
p35 5.7 bits
p35 5.7 bits
p10 2.8 bits
p10 2.4 bits
... p35-(25)-p10 1
... p35-(21)-p10 1977600 Gap 3.3 bits
p10 1.4 bits
... p35-p10 197767
... p35-p10 1977600 total 7.3 bits
p10 6.4 bits
p35 1.9 bits
... p35-(23)-p10 1977602 Gap 1.4 bits
... p35-p10 1977602 total 6.1 bits
... p35-(22)-p10 1
... p35-p10 197768
p10 5.2 bits
... p35-(23)-p10 1
p35 4.8 bits
... p35-p10 197768
p35-(21)-p10 1977628 Gap 3.3 bits
p35-p10 1977628 total 4.7 bits
p35-(23)-p10 1977630 Gap 1.4 bits
... p35-(23)-p10 1977605 Gap 1.4 bits
... p35-p10 1977605 total 9.4 bits
p35-p10 1977630 total 5.7 bits


p35 4.5 bits
p35-(23)-p10 1977631 Gap 1.4 bits
p35-p10 1977631 total 4.5 bits
p35-(26)-p10 1977633 Gap 3.7 bits
p35-p10 1977633 total 7.5 bits
*1977670
*1977680
*1977690
*1977700
*1977710
*1977720
*1977730
*1977740
*1977750
5' a t a a t c a g a c t a a t a t t t a c c t g t t t g a c c g a g t t g g g a t t g c g t c g t t t c t c c a t t a g g a g t a a a g c t t t a a t g t c a c c t 3'
-fMet - thr - glu - leu - gly - leu - arg - arg - phe - ser - ile - arg - ser - lys - ala - leu - met - ser - pro -
p10 2.6 bits
sd
... ir
... p35-(25)-p10 1977676 Gap 4.0 bits
... p35-p10 1977676 total 4.3 bits
p10 6.3 bits
sd-(13)-ir 1977742 Gap 4.6 bits
sd-ir 1977742 IS1H_uspC+ total 9.0
p35 2.9 bits
p10 4.5 bits
... p35-(22)-p10 1977681 Gap 2.3 bits
... p35-p10 1977681 total 5.8 bits
p35-(21)-p10 1977739 Gap 3.3 bits
p35-p10 1977739 total 4.1 bits
... p35-(23)-p10 1977687 Gap 1.4 bits
p10 3.8 bits
... p35-p10 1977687 total 4.8 bits
p35-(23)-p10 1977741 Gap 1.4 bits
p10 0.6 bits
p35-p10 1977741 total 5.3 bits
p35 5.7 bits
... p35-(21)-p10 1
... p35-p10 197776
*1977760
*1977770
*1977780
*1977790
5' g a a g t t c a c a g a a t a a g g a a c a g g t t a t g a g c t a t a g c a a t a t t c t 3'
- glu - val - his - arg - ile - arg - asn - arg - leu -
-fMet - ser - tyr - ser - asn - ile -
... ir IS1H_uspC+
[###> orf 13 codons
p10 3.7 bits
ir IS1H_uspC+
sd
sd-(9)-ir 1977777 Gap 2.3 bits
sd-ir 1977777 IS1H_uspC+ total 13.1 bits
... p35-(21)-p10 1977760 Gap 3.3 bits
... p35-p10 1977760 total 6.1 bits