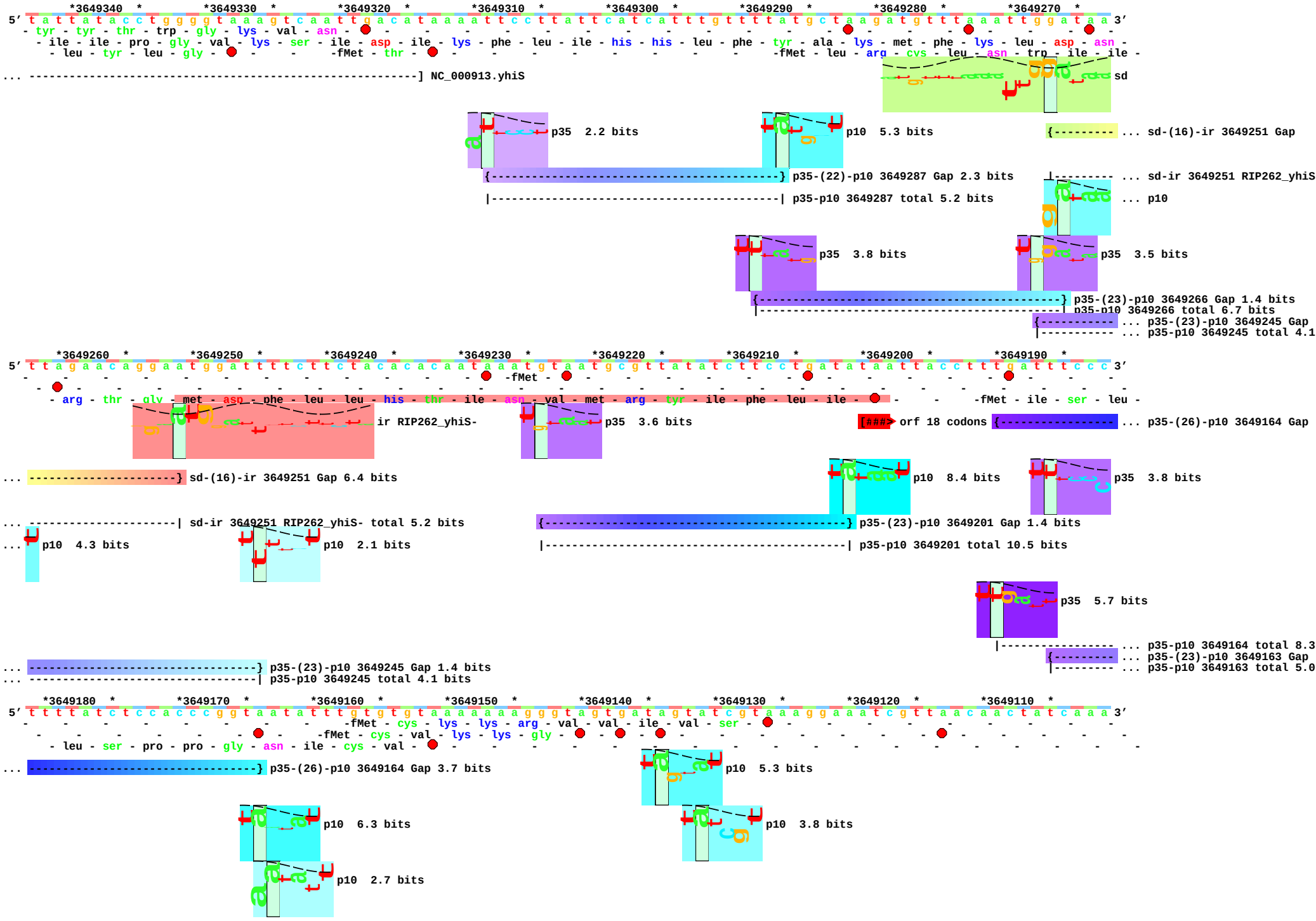
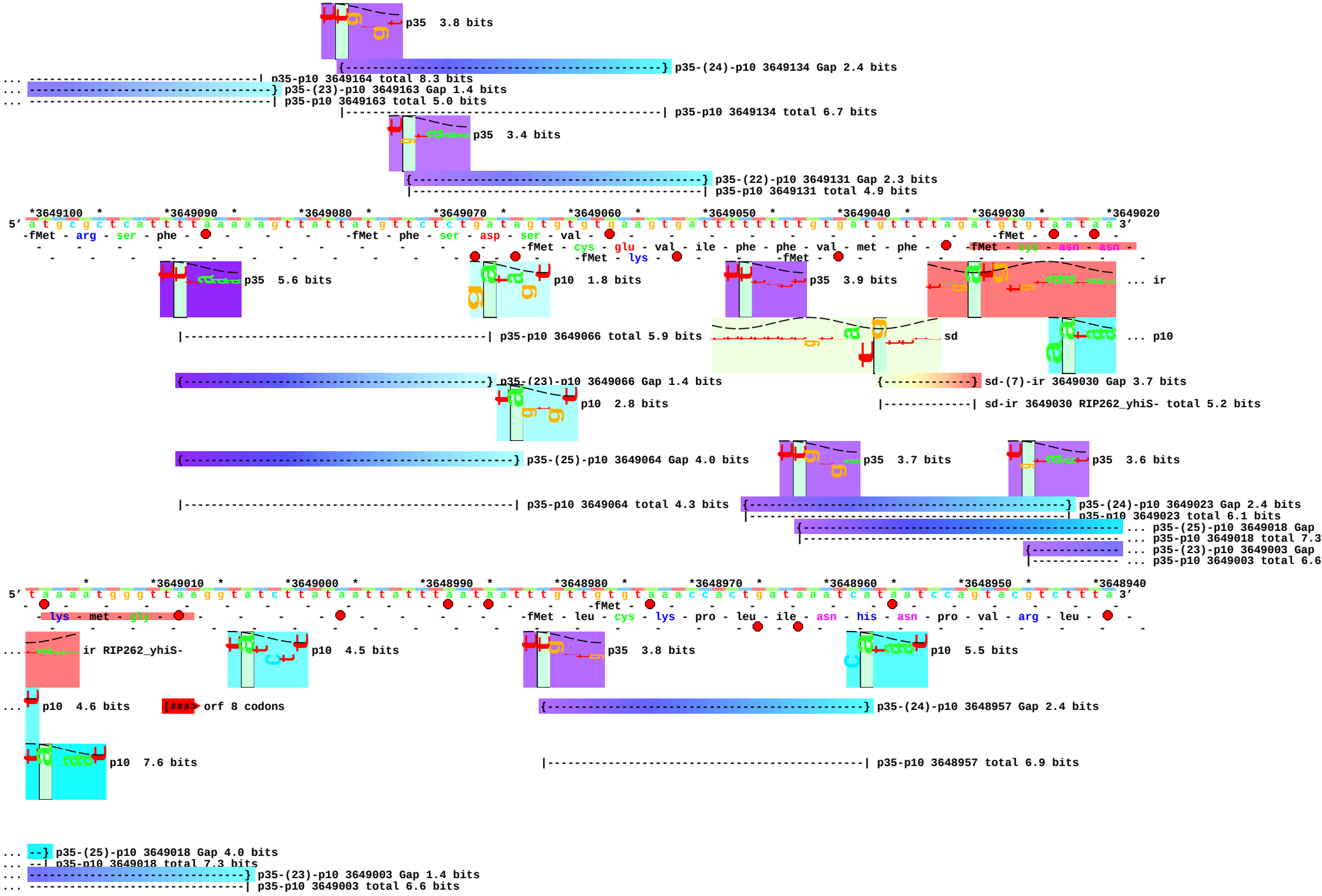
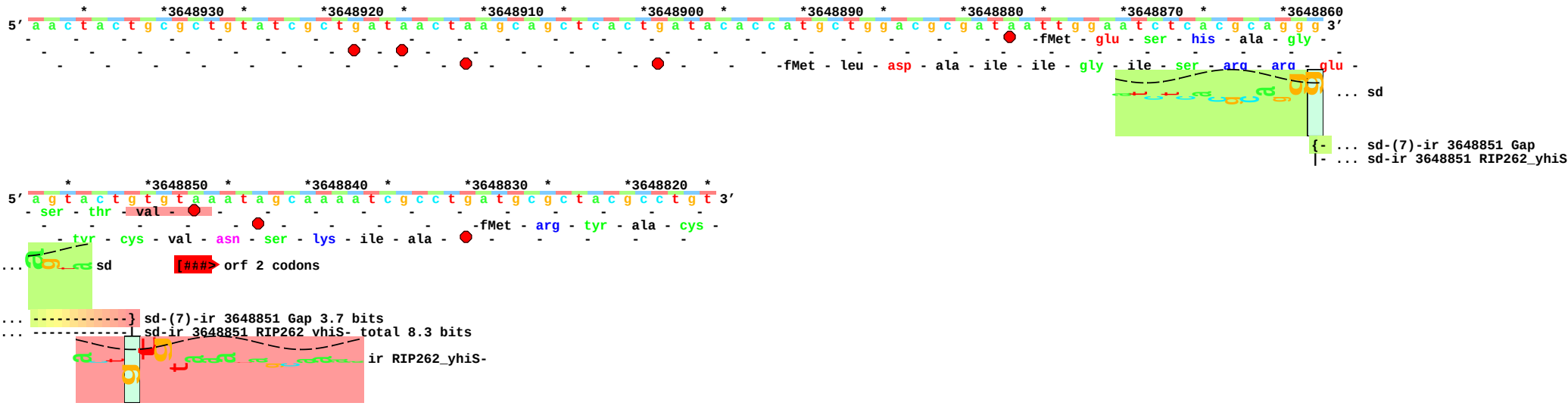
piece 1, NC_000913, RIP262_yhiS-, config: linear, direction: -, begin: 3649343, end: 3648815




p35 3.8 bits
p35-(24)-p10 3649134 Gap 2.4 bits
p35-p10 3649164 total 8.3 bits
p35-(23)-p10 3649163 Gap 1.4 bits
p35-p10 3649163 total 5.0 bits
p35-p10 3649134 total 6.7 bits
p35 3.4 bits
p35-(22)-p10 3649131 Gap 2.3 bits
p35-p10 3649131 total 4.9 bits
*3649100 *3649090 *3649080 *3649070 *3649060 *3649050 *3649040 *3649030 *3649020
5' atgcgctcatttttaaaaagttattatgttctctgatagtgtgtgaagtgatttttttttgtgatgttttagatgtgtaataa 3'
-fMet - arg - ser - phe - fMet - phe - ser - asp - ser - val - fMet - cys - glu - val - ile - phe - phe - val - met - phe - fMet - cys - asn - asn -
fMet - lys - fMet -
p35 5.6 bits
p10 1.8 bits
p35 3.9 bits
... ir
p35-p10 3649066 total 5.9 bits
sd
... p10
p35-(23)-p10 3649066 Gap 1.4 bits
sd-(7)-ir 3649030 Gap 3.7 bits
p10 2.8 bits
sd-ir 3649030 RIP262_yhiS- total 5.2 bits
p35-(25)-p10 3649064 Gap 4.0 bits
p35 3.7 bits
p35 3.6 bits
p35-p10 3649064 total 4.3 bits
p35-(24)-p10 3649023 Gap 2.4 bits
p35-p10 3649023 total 6.1 bits
... p35-(25)-p10 3649018 Gap
... p35-p10 3649018 total 7.3
... p35-(23)-p10 3649003 Gap
... p35-p10 3649003 total 6.6
*3649010 *3649000 *3648990 *3648980 *3648970 *3648960 *3648950 *3648940
5' taaaatggttaaggtatcttataatttatttaataatttgttgtgtaaaccactgataaatcataatccagtacgtctttta 3'
-fMet - leu - cys - lys - pro - leu - ile - asn - his - asn - pro - val - arg - leu -
lys - met - gly -
... ir RIP262_yhiS-
p10 4.5 bits
p35 3.8 bits
p10 5.5 bits
... p10 4.6 bits
[###> orf 8 codons
p35-(24)-p10 3648957 Gap 2.4 bits
p10 7.6 bits
p35-p10 3648957 total 6.9 bits
... --} p35-(25)-p10 3649018 Gap 4.0 bits
... --| p35-p10 3649018 total 7.3 bits
... p35-(23)-p10 3649003 Gap 1.4 bits
... p35-p10 3649003 total 6.6 bits


*3648930 *3648920 *3648910 *3648900 *3648890 *3648880 *3648870 *3648860
5′ a a c t a c t g c g c t g t a t c g c t g a t a a c t a a g c a g c t c a c t g a t a c a c c a t g c t g g a c g c g a t a a t t g g a a t c t c a c g c a g g g 3′
-fMet - glu - ser - his - ala - gly -
-fMet - leu - asp - ala - ile - ile - gly - ile - ser - arg - arg - glu -
... sd
{- ... sd-(7)-ir 3648851 Gap
|- ... sd-ir 3648851 RIP262_yhiS
*3648850 *3648840 *3648830 *3648820 *
5′ a g t a c t g t g t a a a t a g c a a a a a t c g c c t g a t g c g c t a c g c c t g t 3′
- ser - thr - val -
-fMet - arg - tyr - ala - cys -
- tyr - cys - val - asn - ser - lys - ile - ala -
... sd
[###> orf 2 codons
... ----------} sd-(7)-ir 3648851 Gap 3.7 bits
... ----------| sd-ir 3648851 RIP262_yhiS- total 8.3 bits
ir RIP262_yhiS-