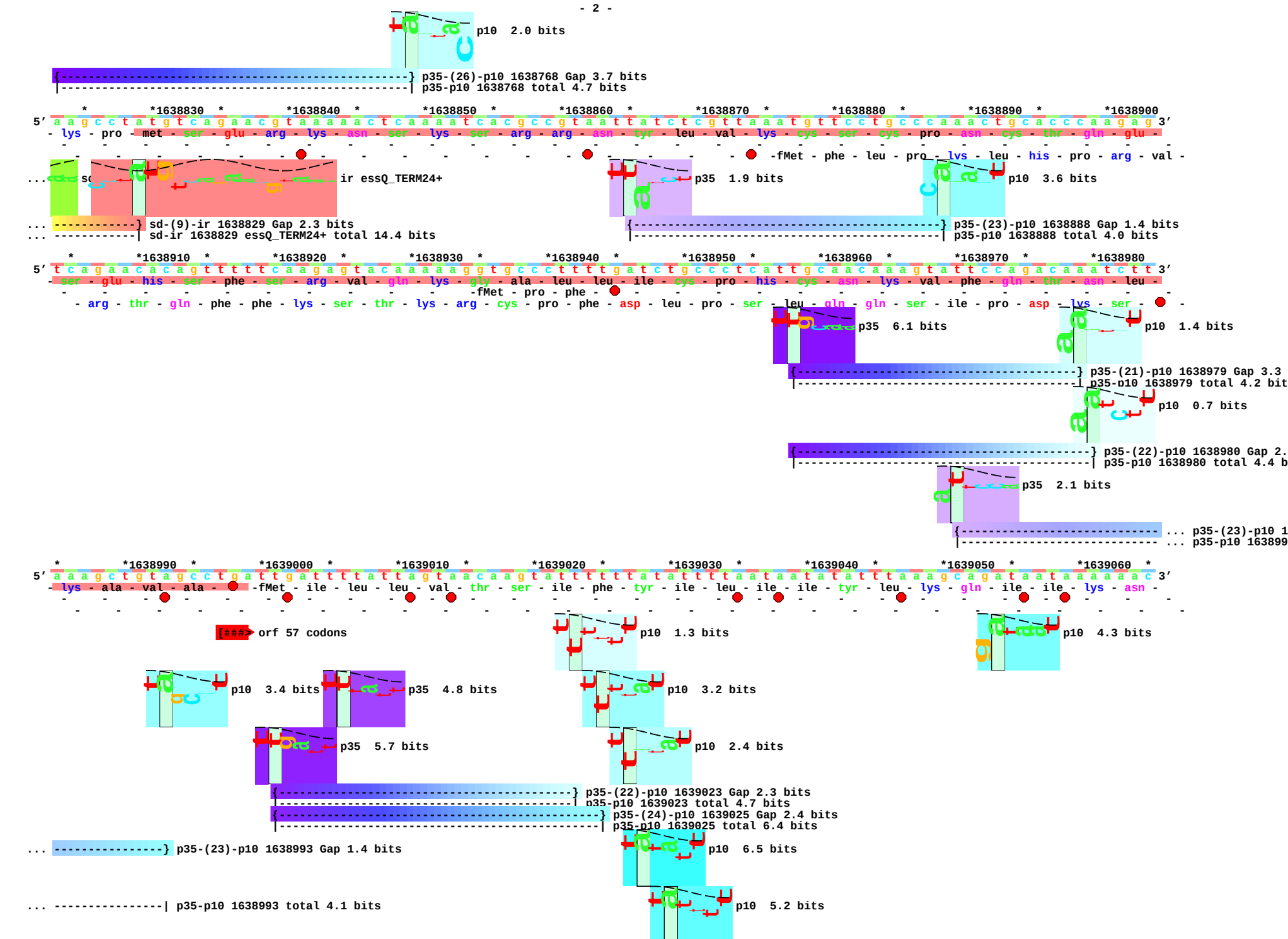
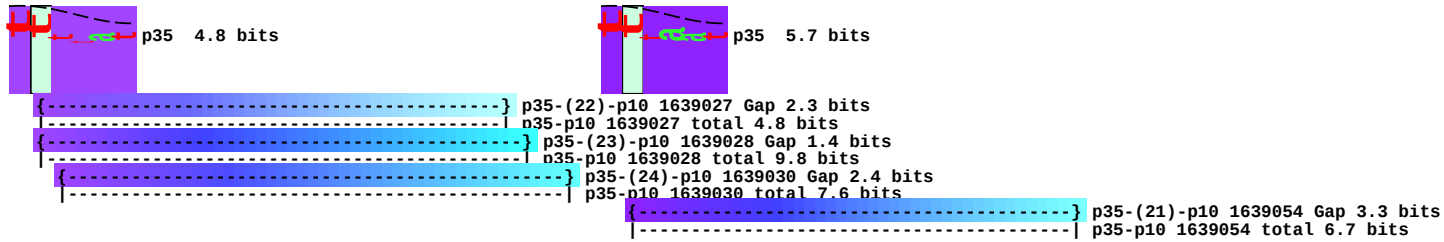
piece 1, NC_000913, essQ_TERM24+, config: linear, direction: +, begin: 1638580, end: 1639076


p10 2.0 bits
p35-(26)-p10 1638768 Gap 3.7 bits
p35-p10 1638768 total 4.7 bits
5′ aagcctatgtcagaacgtaaaaactcaaaatcacgccgtaatttatctcgttaaatgttcctgcccaaactgcacccaaagag 3′
- lys - pro - met - ser - glu - arg - lys - asn - ser - lys - ser - arg - arg - asn - tyr - leu - val - lys - cys - ser - cys - pro - asn - cys - thr - gln - glu -
-fMet - phe - leu - pro - lys - leu - his - pro - arg - val -
p35 1.9 bits
p10 3.6 bits
p35-(23)-p10 1638888 Gap 1.4 bits
p35-p10 1638888 total 4.0 bits
5′ tcagaacacagttttcaagagtacaaaaaggtgccctttgatctgccctcattgcaacaaagtattccagacaaatctt 3′
- ser - glu - his - ser - phe - ser - arg - val - gln - lys - gly - ala - leu - leu - ile - cys - pro - his - cys - asn - lys - val - phe - gln - thr - asn - leu -
-fMet - pro - phe -
- arg - thr - gln - phe - phe - lys - ser - thr - lys - arg - cys - pro - phe - asp - leu - pro - ser - leu - gln - gln - ser - ile - pro - asp - lys - ser -
p35 6.1 bits
p10 1.4 bits
p35-(21)-p10 1638979 Gap 3.3
p35-p10 1638979 total 4.2 bit
p10 0.7 bits
p35-(22)-p10 1638980 Gap 2.
p35-p10 1638980 total 4.4 b
p35 2.1 bits
... p35-(23)-p10 1
... p35-p10 163899
5′ aaagctgtagcctgattgatttttattagtaacaagtatttttttatatttaatattatttaaagcagataataaaaaac 3′
- lys - ala - val - ala - -fMet - ile - leu - leu - val - thr - ser - ile - phe - tyr - ile - leu - ile - ile - tyr - leu - lys - gln - ile - ile - lys - asn -
[###> orf 57 codons
p10 1.3 bits
p10 4.3 bits
p10 3.4 bits
p35 4.8 bits
p10 3.2 bits
p35 5.7 bits
p10 2.4 bits
p35-(22)-p10 1639023 Gap 2.3 bits
p35-p10 1639023 total 4.7 bits
p35-(24)-p10 1639025 Gap 2.4 bits
p35-p10 1639025 total 6.4 bits
... p35-(23)-p10 1638993 Gap 1.4 bits
p10 6.5 bits
... p35-p10 1638993 total 4.1 bits
p10 5.2 bits


p35 4.8 bits
p35 5.7 bits
p35-(22)-p10 1639027 Gap 2.3 bits
p35-p10 1639027 total 4.8 bits
p35-(23)-p10 1639028 Gap 1.4 bits
p35-p10 1639028 total 9.8 bits
p35-(24)-p10 1639030 Gap 2.4 bits
p35-p10 1639030 total 7.6 bits
p35-(21)-p10 1639054 Gap 3.3 bits
p35-p10 1639054 total 6.7 bits

*1639070 *
5' c c g c c t g a g c g 3'
- pro - pro - glu -