

piece 1, NC_000913, ompF_asnS+, config: linear, direction: +, begin: 986176, end: 986827

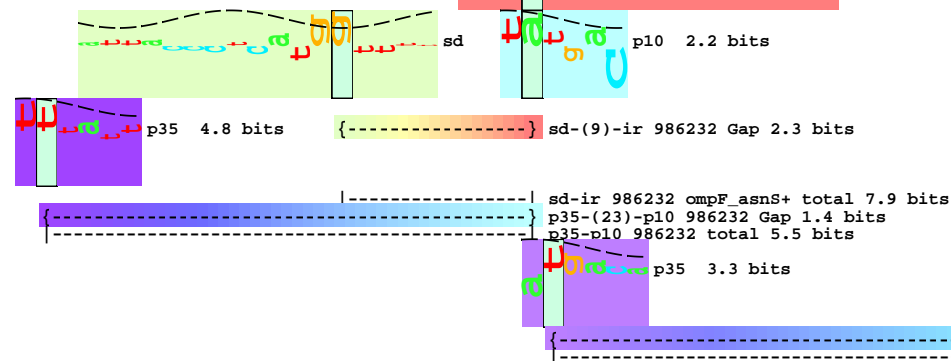
5' ^{*986180} ^{*986190} ^{*986200} ^{*986210} ^{*986220} ^{*986230} ^{*986240} ^{*986250} 3'

- asp - his - cys - gln - asn - ile - ala - leu - his - his - tyr - leu - leu - pro - ser - trp - phe - phe - leu -

- ile - thr - ala - arg - ile - leu - arg - phe - ile - ile - tyr - tyr - pro - his - gly - phe - phe - tyr - asp - thr - cys - his - cys - arg - gln -

- ser - leu - pro - glu - tyr - cys - ala - ser - ser - leu - phe - ile - thr - leu - met - val - phe - phe - met - thr - pro - ala - thr - ala - val - lys -

... -----] NC_000913.ompF ir ompF_asnS+ ... p10

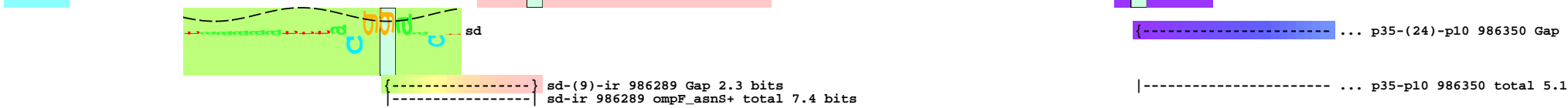


5' ^{*986260} ^{*986270} ^{*986280} ^{*986290} ^{*986300} ^{*986310} ^{*986320} ^{*986330} 3'

- phe - cys - gln - - - - -fMet - val - ser - leu - cys - val - cys - arg - his - leu - ser - ile - gln - thr -

- fMet - met - arg - val - trp - cys - leu - tyr - val - ser - ala - gly - ile - phe - pro - phe - lys - leu -

... p10 3.8 bits [###> orf 13 codons ir ompF_asnS+ p35 5.2 bits

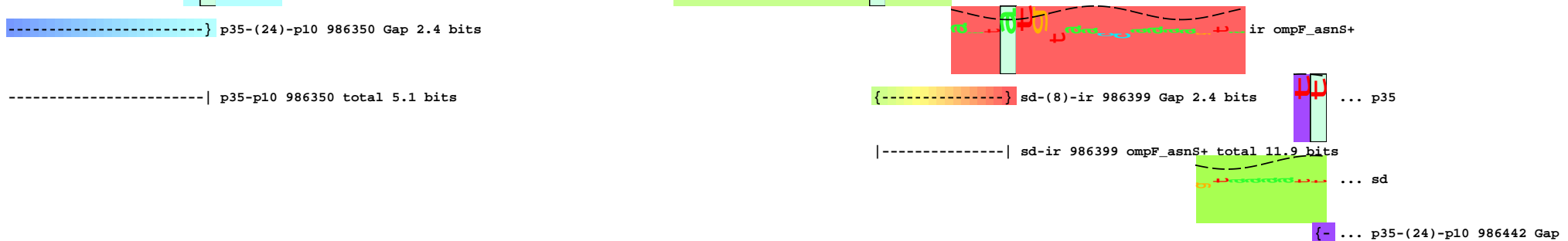


5' ^{*986340} ^{*986350} ^{*986360} ^{*986370} ^{*986380} ^{*986390} ^{*986400} ^{*986410} 3'

- asn - val - ser - leu - pro -fMet - lys - val - leu - gln - arg - - -fMet - val - ser - lys - arg - lys - asn - met -

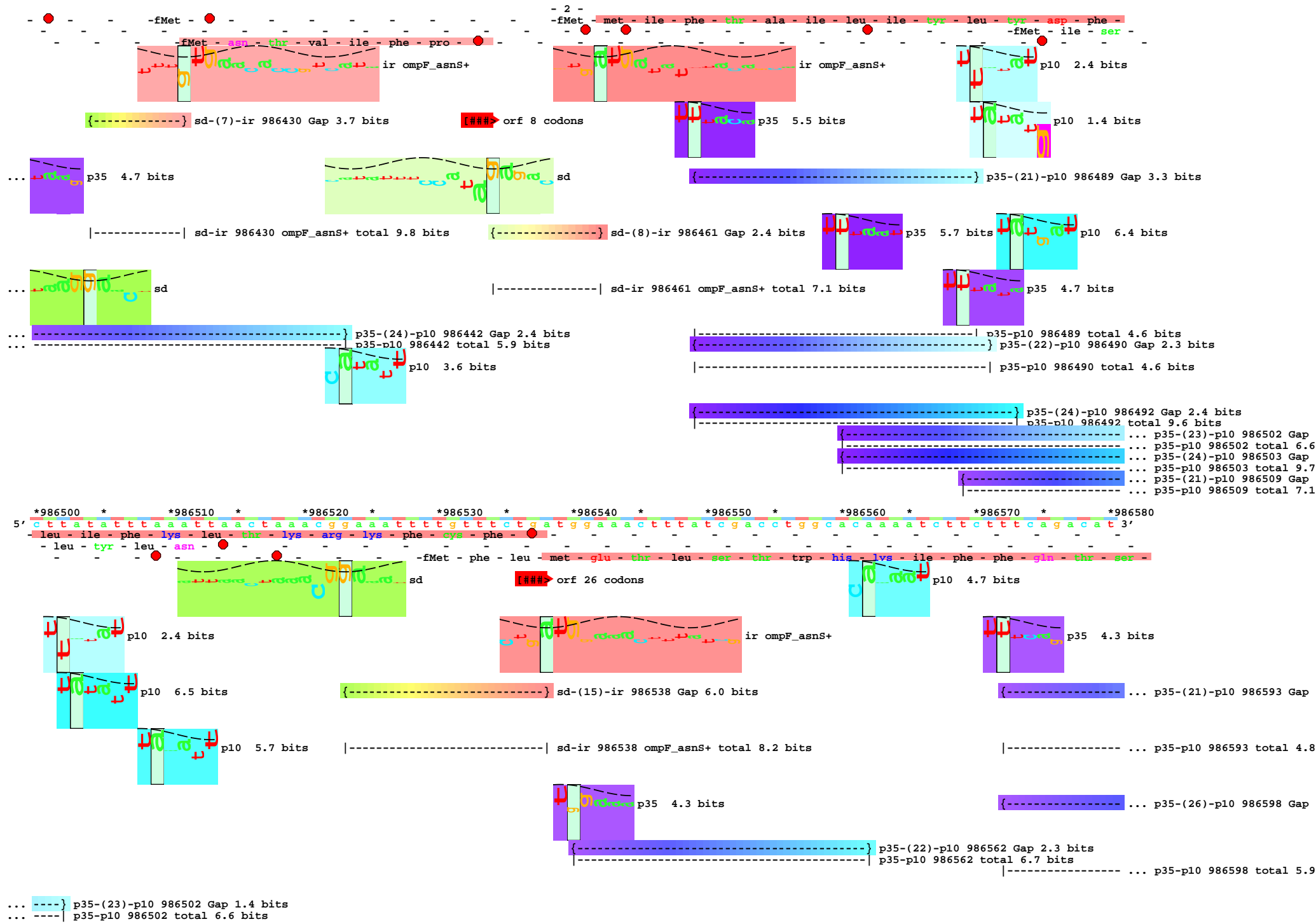
- thr - phe - arg - tyr - arg - glu - ser - ala - thr - lys - ile - lys - ile - trp - phe - gln - lys - glu - lys - ile - cys - asn - gln - lys -

... p10 2.4 bits [###> orf 2 codons [###> orf 42 codons

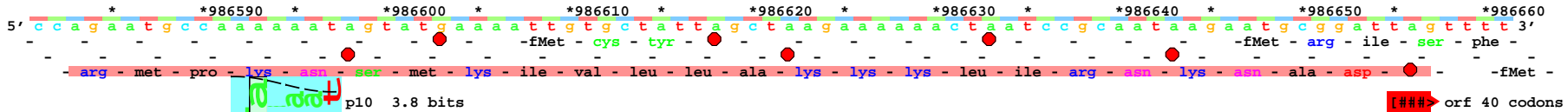


5' ^{*986420} ^{*986430} ^{*986440} ^{*986450} ^{*986460} ^{*986470} ^{*986480} ^{*986490} 3'

- ta ag ga ac ttt t gt ga ac acc g t c a t a t t t t c c a t a g a g a c g t g a t g a t a t t t a c a g c a a t t t t a a t c t a t t t a t a t g a t t t c 3'

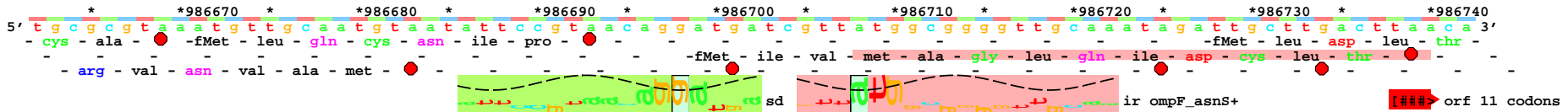


... -----} p35-(24)-p10 986503 Gap 2.4 bits
 ... -----} p35-p10 986503 total 9.7 bits
 ... -----} p35-(21)-p10 986509 Gap 3.3 bits
 ... -----} p35-p10 986509 total 7.1 bits



... -----} p35-(21)-p10 986593 Gap 3.3 bits
 ... -----} p35-p10 986593 total 4.8 bits
 ... -----} p35-(26)-p10 986598 Gap 3.7 bits

... -----} p35-p10 986598 total 5.9 bits



... -----} p35 2.9 bits

... -----} p35-(24)-p10 986683 Gap 2.4 bits
 ... -----} p35-p10 986683 total 6.8 bits

... -----} p35 6.1 bits

-----} sd-ir 986708 ompF_asnS+ total 9.1 bits

... -----} p35-(21)-p10 986696 Gap 3.3 bits
 ... -----} p35-p10 986696 total 4.5 bits

... -----} p35-p10 986699 total 6.0 bits



... -----} p35-(21)-p10 986750 Gap 3.3 bits
 ... -----} p35-p10 986750 total 5.7 bits

5' c g c g 3'

-----} ... NC_000913.asnS

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... ----- ... NC_000913.asnS