

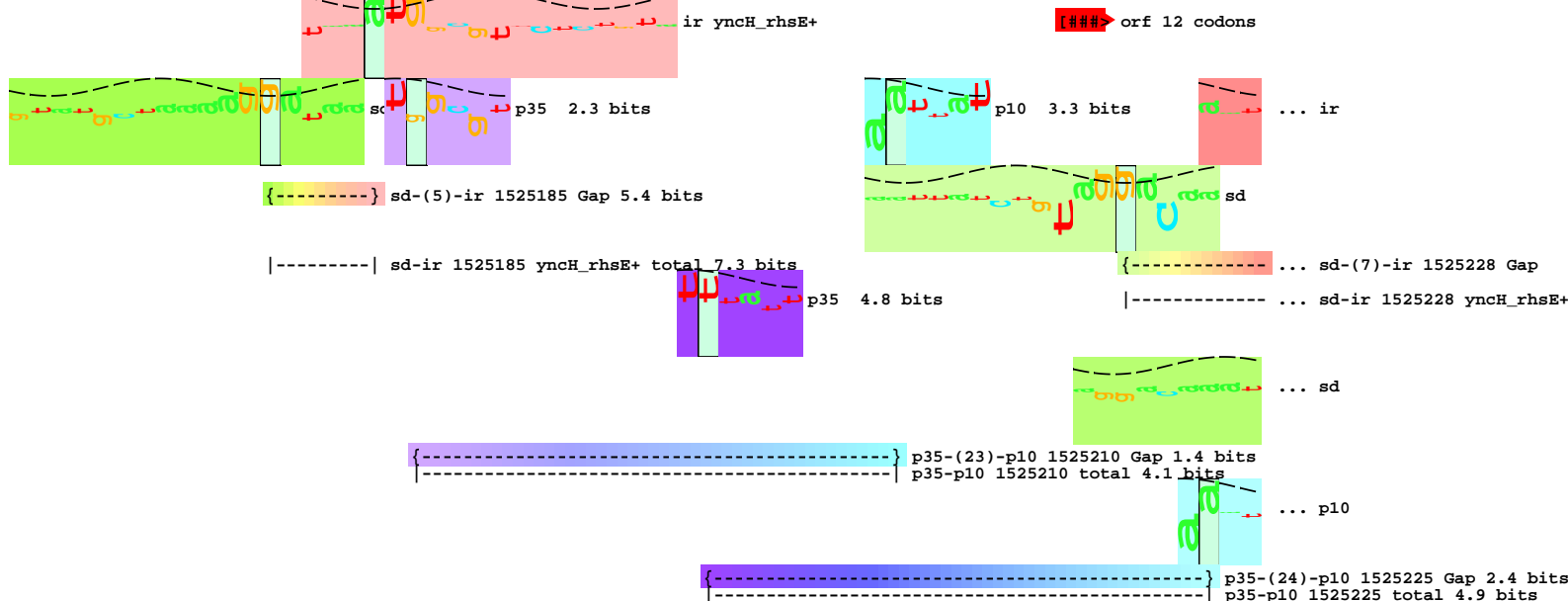
piece 1, NC_000913, yncH_rhsE+, config: linear, direction: +, begin: 1525147, end: 1525945

5' *1525150 * *1525160 * *1525170 * *1525180 * *1525190 * *1525200 * *1525210 * *1525220 * 3'

- thr - asn - lys - asn - ile - arg - gln - val - cys - ●

- gln - ile - lys - ile - ser - gly - arg - tyr - ala - lys - arg - ile - asn - gly - val - leu - cys - ile - tyr - ser - gln - leu - ser - val - gly - gln - ile -

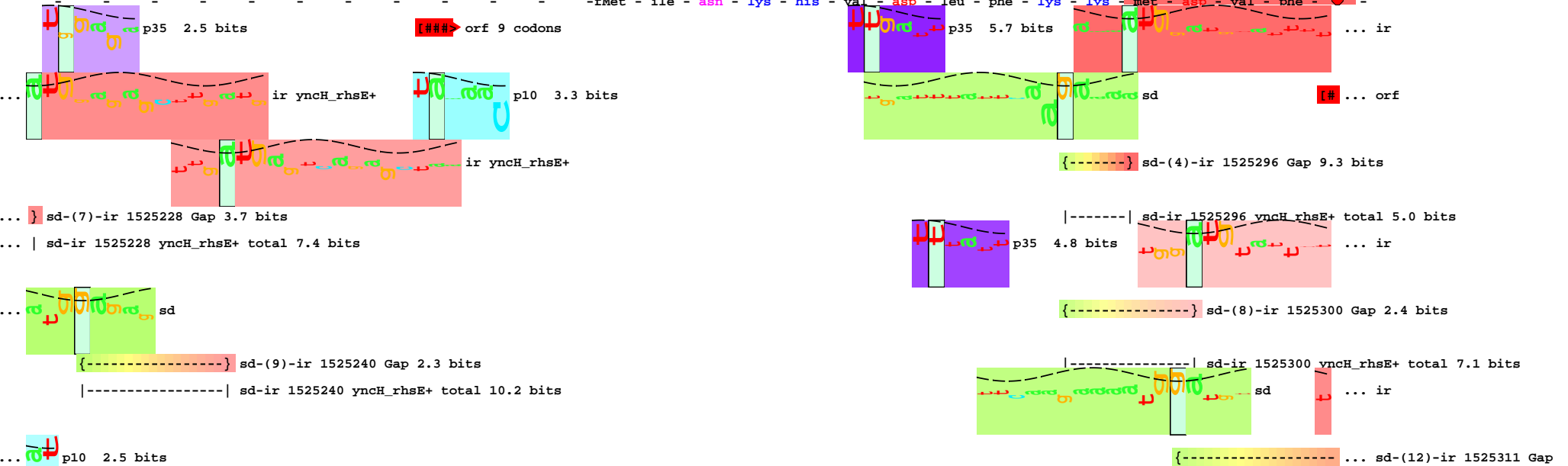
- lys - ● - - - - - fMet - leu - lys - gly - ● - fMet - ala - phe - ser - val - phe - ile - arg - asn - tyr - leu - ● -



5' *1525230 * *1525240 * *1525250 * *1525260 * *1525270 * *1525280 * *1525290 * *1525300 * 3'

- fMet - glu - ser - leu - met - ser - gln - ser - ●

- trp - arg - ala - leu - met - ● - - - - - fMet - ile - asn - lys - his - val - asp - leu - phe - lys - lys - met - asp - val - phe - ●



{-----} p35-(23)-p10 1525253 Gap 1.4 bits
 |-----| p35-p10 1525253 total 4.4 bits

|-----} ... sd-ir 1525311 yncH_rhsE+
 p10 5.2 bits

{-----} p35-(24)-p10 1525304 Gap 2.4 bits
 |-----} p35-p10 1525304 total 8.5 bits

{-----} p35-(24)-p10 1525308 Gap 2.4 b
 |-----} p35-p10 1525308 total 6.1 bits

p35 2.6 bits

{-----} ... p35-(22)-p10 1525323 Gap
 |-----} ... p35-p10 1525323 total 6.5

p35 2.7 bits

{-----} ... p35-(24)-p10 1525326 Gap
 |-----} ... p35-p10 1525326 total 4.4

... p35

{-----} ... p35-(22)-p10 1525328 Gap
 |-----} ... p35-p10 1525328 total 6.8

5' *1525310 * *1525320 * *1525330 * *1525340 * *1525350 * *1525360 * *1525370 * *1525380 *
 a a a t g t t g a t t c t t a a t a t a a c c t a a t c a a t a g a t t a t c a a g t g a g a g c t a c a c a t t a t t g g a g g g g c a g g g g a a a c a c c 3'
 lys - cys
 -fMet - leu - ile - leu - **asn** - ile - thr - -fMet - arg - ala - thr - his - trp - arg - gly - arg - gly - lys - thr - pro -
 ... ir yncH_rhsE+ [###] orf 8 codons p10 4.2 bits ... sd

... [###] orf 5 codons p10 6.3 bits p10 4.7 bits

[###] orf 6 codons p10 4.1 bits p35 1.6 bits

p35 5.7 bits p10 4.5 bits {-----} p35-(23)-p10 1525363 Gap 1.4 bits

... ir yncH_rhsE+ |-----| p35-p10 1525363 total 4.3 bits

{-----} p35-(25)-p10 1525340 Gap 4.0 bits
 |-----} p35-p10 1525340 total 6.4 bits

... ir yncH_rhsE+

... sd-(12)-ir 1525311 Gap 4.0 bits
 ... sd-ir 1525311 yncH_rhsE+ total 8.7 bits

... p10 3.7 bits

p35-(22)-p10 1525323 Gap 2.3 bits
p35-p10 1525323 total 6.5 bits

p35-(24)-p10 1525326 Gap 2.4 bits
p35-p10 1525326 total 4.4 bits

p35 4.7 bits

p35-(22)-p10 1525328 Gap 2.3 bits
p35-p10 1525328 total 6.8 bits

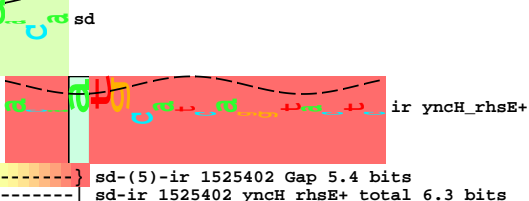
*1525390 * *1525400 * *1525410 * *1525420 * *1525430 * *1525440 * *1525450 * *1525460 * *1525470

5' a t t t t g g g a a c a a t g c a t c a g g t a c t c t t a c c a c t g a a g c a a g a t c a t c c g g c a c c a g g t g g t g g t g c a g t g c t t t g g a a a 3'

- fMet - gly - thr - met - his - gln - val - leu - leu - pro - leu - lys - gln - asp - his - pro - ala - pro - gly - gly - gly - ala - val - leu - trp - lys -

- phe - trp - glu - gln - cys - ile - arg - tyr - ser - tyr - his - - - - - fMet - val - val - gln - cys - phe - gly - asn -

- phe - gly - asn - asn - ala - ser - gly - thr - leu - thr - thr - glu - ala - arg - ser - ser - gly - thr - arg - trp - trp - cys - ser - ala - leu - glu - met -



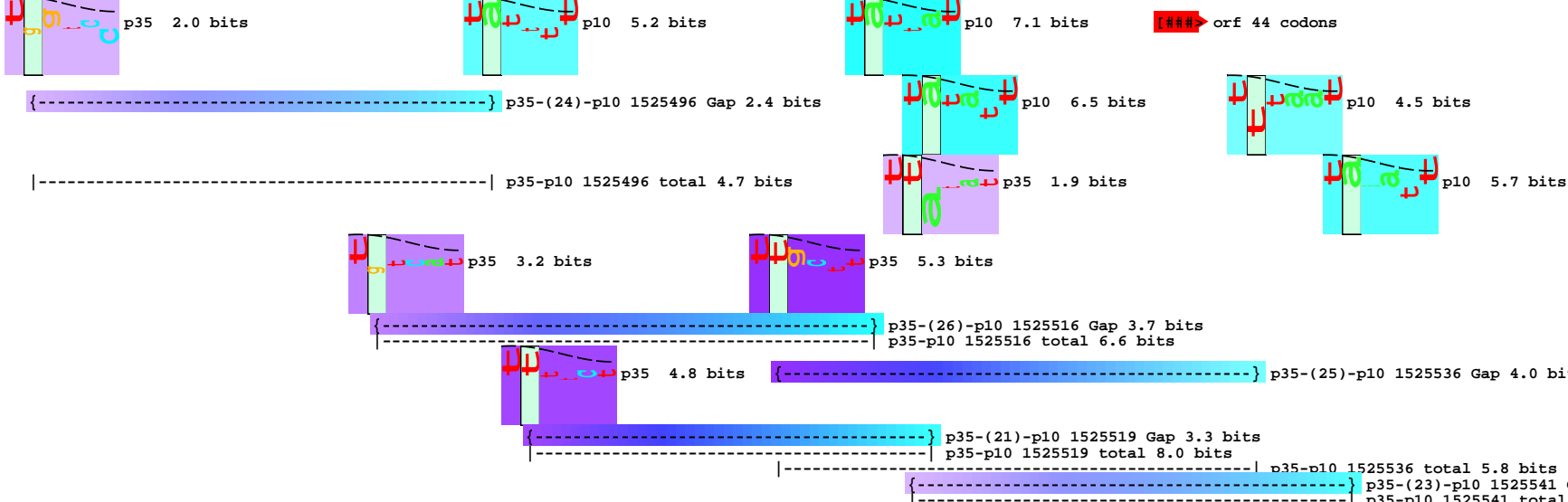
*1525480 * *1525490 * *1525500 * *1525510 * *1525520 * *1525530 * *1525540 * *1525550

5' t g g t c c c t c g g g g a g t t g t c a t t t t t t t t a t t t g c t a t t t t g c t a t t c a t c a g g t g a a t t t a a t a a a t t c c t a a t 3'

- trp - ser - pro - arg - gly - ser - cys - his - tyr - phe - leu - cys - tyr - leu - leu - ile - ile - phe - ile - arg - - - - -

- gly - pro - leu - gly - gly - val - val - ile - phe - tyr - ala - ile - cys - leu - leu - tyr - ser - ser - gly - glu - phe - asn - lys - phe - leu - ile -

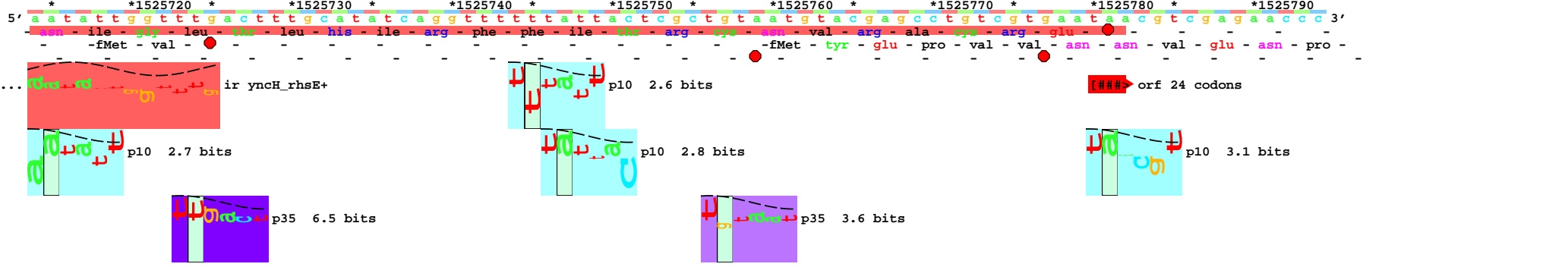
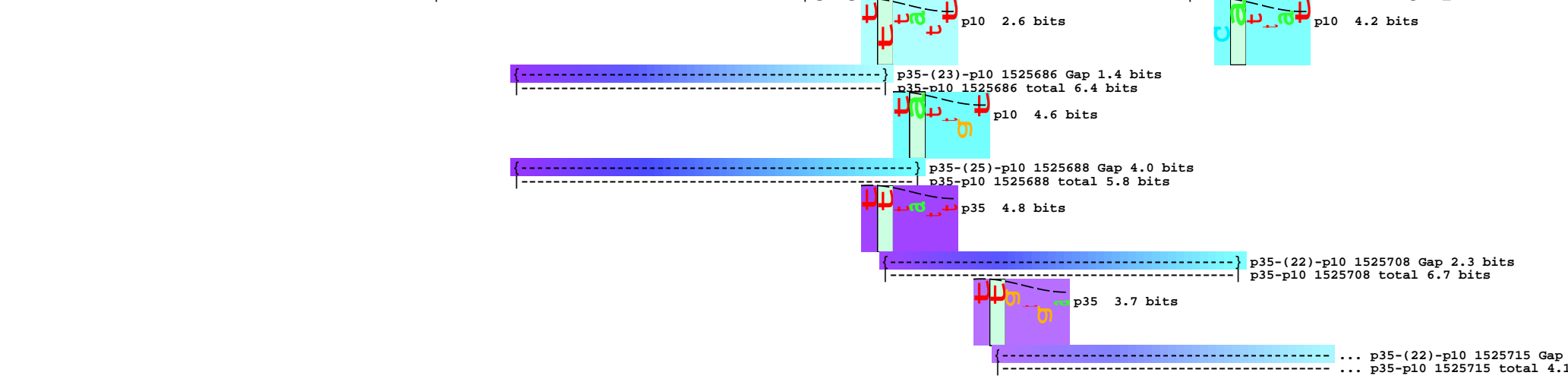
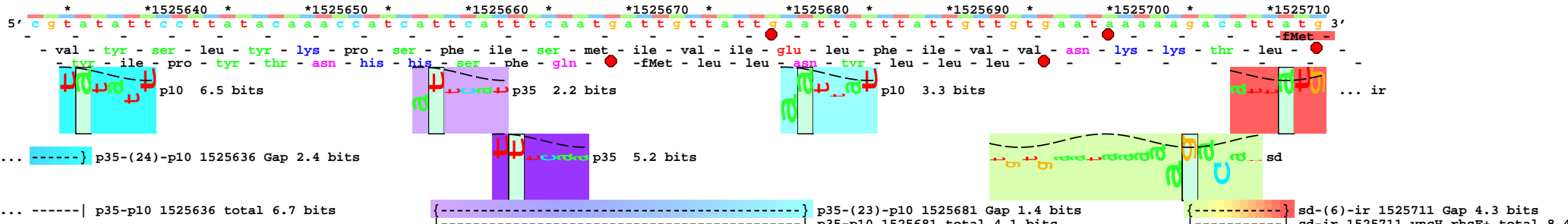
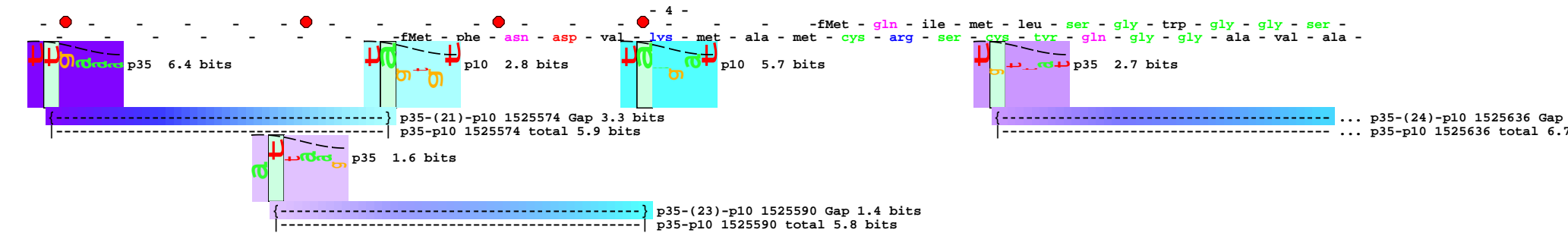
- val - pro - ser - gly - glu - leu - ser - leu - phe - ser - met - leu - phe - ala - tyr - tyr - ile - his - gln - val - asn - leu - ile - asn - ser - - - -



*1525560 * *1525570 * *1525580 * *1525590 * *1525600 * *1525610 * *1525620 * *1525630

5' t t g a a a t a t c c a c t a t t a a g c t a g t g t t t a a c g a c g t t a a g a t g g c a a t g t g c a g a t c a t g t t a t c a g g g t g g g c g g t a g 3'

- fMet - lys - tyr - pro - leu - leu - ser - - - - - fMet - gly - arg - - - - -



{-----} p35-(21)-p10 1525745 Gap 3.3 bits
 {-----} p35-p10 1525745 total 5.8 bits
 {-----} p35-(23)-p10 1525747 Gap 1.4 bits
 {-----} p35-p10 1525747 total 7.9 bits
 {-----} p35-(24)-p10 1525781 Gap 2.4 bits
 {-----} p35-p10 1525781 total 4.2 bits

... --} p35-(22)-p10 1525715 Gap 2.3 bits
 ... --| p35-p10 1525715 total 4.1 bits

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*          *1525800 *          *1525810 *          *1525820 *          *1525830 *          *1525840 *          *1525850 *          *1525860 *          *1525870 *
5' a t c c g t t g c g t t t g t g a t t a t t t t g t t g a c t a a a c a g a c a c c c g t t t c t c t g a a g t a a a a t c c c a g a c t a a a t c a t c a c a t 3'
   - ser - val - ala - phe - val - ile - ile - leu - leu - thr - lys - gln - thr - pro - val - ser - leu - lys - - - - - - - - - - - - - - - - - - - - - - - - - - -
   -fMet - arg - leu - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  
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*1525880 *          *1525890 *          *1525900 *          *1525910 *          *1525920 *          *1525930 *          *1525940 *
5' a a c c a t g a c a t t t t t c t g a t a t t c c c c g g t a a c g c c a g a t g t c g a c t c g c t t a a c c a c c c t c a g c c a t a c 3'
   -fMet - thr - phe - phe - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
   -fMet - ser - thr - arg - leu - thr - thr - leu - ser - his -
   [-----] ... NC_000913.rhsE
  
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