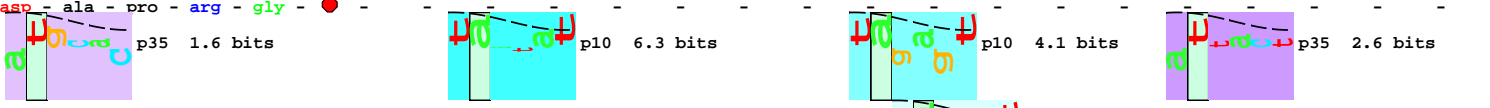


piece 1, NC_000913, yfhL_acpS+, config: linear, direction: +, begin: 2697916, end: 2698659

5' ^{*2697920 *} g t g c t g a t g c a c c a c g c g g a t a a a t t t a a t a t t c t a c t c t g g a a g t a g a g t a t t a a t t a t t a c t g g g a a g c c t t a a c g 3'

-fMet - leu - met - his - his - ala - asp - lys - ile -

cys
- ala - asp - ala - pro - arg - gly -



{-----} p35-(21)-p10 2697944 Gap 3.3 bits p10 1.2 bits {-----} ... p35-(24)-p10 2698002 Gap

|-----| p35-p10 2697944 total 4.6 bits |-----| ... p35-p10 2698002 total 6.6

|-----| p10 6.0 bits

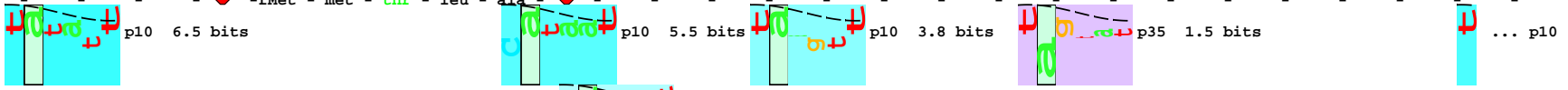
{-----} p35-(24)-p10 2697947 Gap 2.4 bits
{-----} p35-p10 2697947 total 5.1 bits

p35 5.7 bits

{-----} p35-(21)-p10 2697963 Gap 3.3 bits
{-----} p35-p10 2697963 total 6.4 bits
{-----} p35-(23)-p10 2697965 Gap 1.4 bits
{-----} p35-p10 2697965 total 5.4 bits

5' ^{*2698000 *} c c a t t a t a t t t a t t t a a t t g a t g a c a t t a g c a t a a t c a t t c a c t a a g t t a a t t t a t a t a g t a t c t g c c c a g a c a c t t a t t t 3'

-fMet - met - thr - leu - ala -



... {-----} p35-(24)-p10 2698002 Gap 2.4 bits p10 2.6 bits {-----} ... p35-(23)-p10 2698078 Gap

... |-----| p35-p10 2698002 total 6.6 bits {-----} p35-(23)-p10 2698041 Gap 1.4 bits

p35 4.8 bits |-----| p35-p10 2698041 total 5.7 bits

{-----} p35-(22)-p10 2698028 Gap 2.3 bits |-----| ... p35-p10 2698078 total 6.0
{-----} p35-p10 2698028 total 8.0 bits

p35 5.7 bits

{-----} p35-(21)-p10 2698031 Gap 3.3 bits
{-----} p35-p10 2698031 total 4.9 bits

p35 3.3 bits

5' ^{*2698080 *} a t a g t t a t t a a a g g t g c g t c c g a c t g g t t c a c c g g a c g c a c c t t a a g t a c g t t t c c t t g t g t t a t a a g a a c a g a a g g a t c a 3'

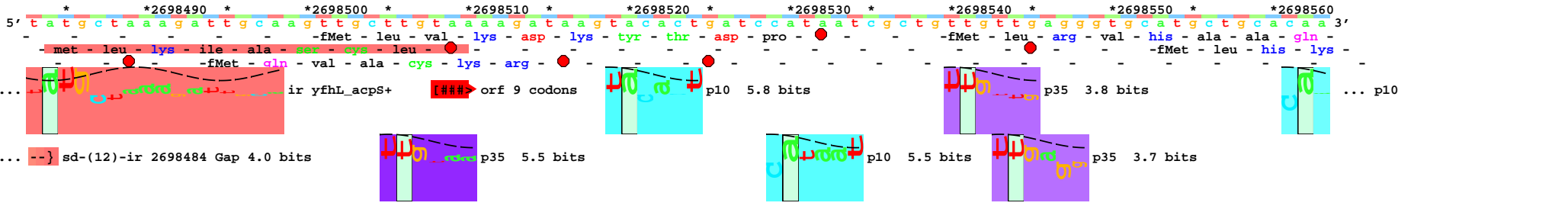
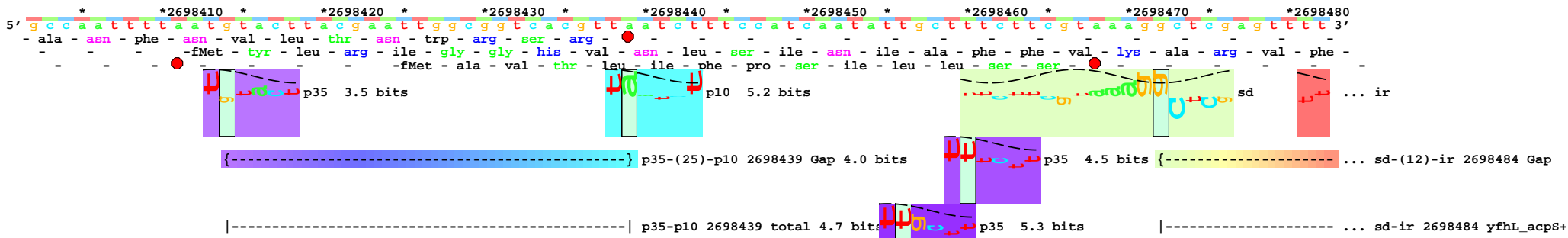
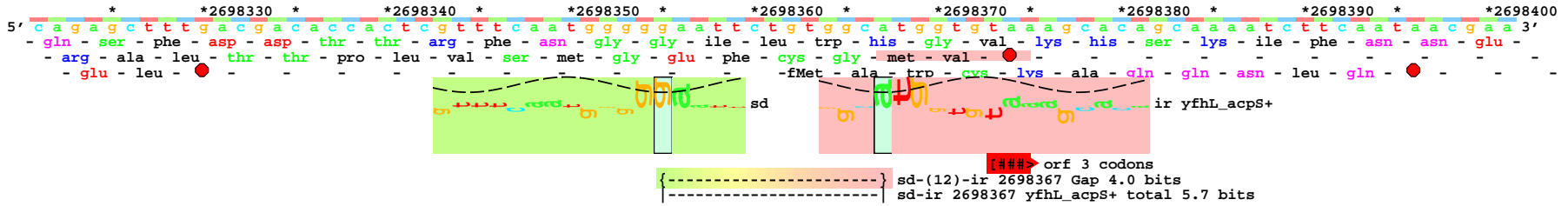
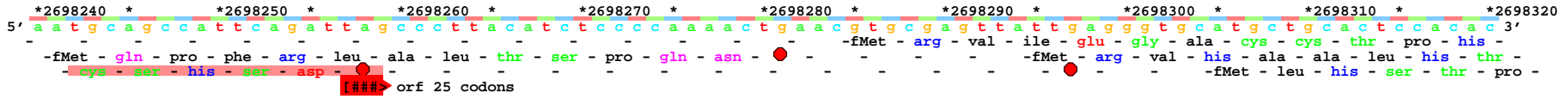
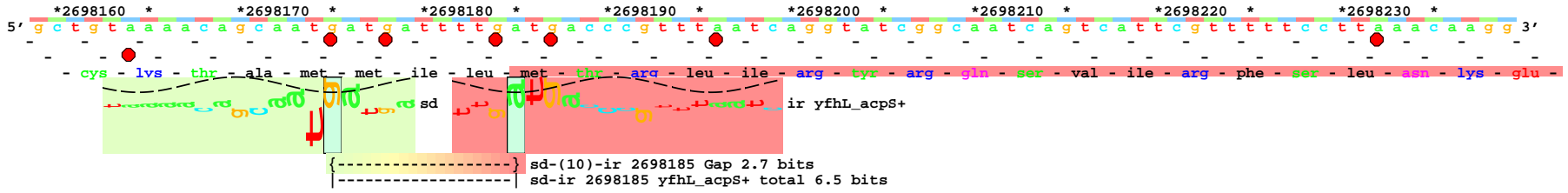
-fMet - arg - pro - thr - gly - ser - pro - asp - ala - pro -

-fMet - leu -
-fMet - cys - tyr - lys - asn - arg - arg - ile - ser -

p10 5.9 bits

... } p35-(23)-p10 2698078 Gap 1.4 bits

... | p35-p10 2698078 total 6.0 bits



... --| sd-ir 2698484 yfhl.acps+ total 6.8 bits {-----} p35-(24)-p10 2698530 Gap 2.4 bits
 ... --| p10 3.2 bits {-----} p35 6.1 bits {-----} p35-(21)-p10 2698562 Gap 3.3 bits
 ... |-----| p35-p10 2698530 total 8.6 bits

... --| p35-(24)-p10 2698484 Gap 2.4 bits {-----} p35-(25)-p10 2698520 Gap 4.0 bits |-----| p35-p10 2698562 total 5.2 bits
 ... --| p35-p10 2698484 total 7.4 bits {-----} ... p35-(24)-p10 2698568 Gap ... p35-p10 2698568 total 6.4
 |-----| p35-p10 2698520 total 7.9 bits

* 2698570 * 2698580 * 2698590 * 2698600 * 2698610 * 2698620 * 2698630 * 2698640
 5' a a t t a a a g t t a a a a g t a a a a c c c c g t t c c t t a c c a g t t c g g g g g t t t t a c t t t t t a a a g a g a a c g g t a t t a t t t t t a a c 3'
 -asn-
 -ile-lys-val-lys-lys-
 ... p10 4.7 bits p35 5.7 bits <----- ... NC_000913.acps

... p10 5.1 bits p35 4.7 bits p10 7.1 bits
 {-----} p35-(21)-p10 2698633 Gap 3.3 bits
 {-----} p35-p10 2698633 total 9.4 bits
 p35 5.6 bits p10 0.5 bits

... {-----} p35-(24)-p10 2698568 Gap 2.4 bits p35-(23)-p10 2698635 Gap 1.4 bits
 ... |-----| p35-p10 2698568 total 6.4 bits p35-p10 2698635 total 4.7 bits
 p10 5.2 bits


{-----} p35-(24)-p10 2698636 Gap 2.4 bits ... p10
 {-----} p35-p10 2698636 total 8.4 bits

{-----} p35-(23)-p10 2698641 Gap 1.4 bits
 {-----} p35-p10 2698641 total 5.8 bits
 ... p10

{-----} p35-(23)-p10 2698642 Gap 1.4 bits
 {-----} p35-p10 2698642 total 7.8 bits

* 2698650 *
 5' t t t c a a t a a t t a c c g 3'
 ... NC_000913.acps

... p10 2.6 bits

...  p10 3.7 bits