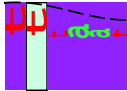


piece 1, NC\_000913, agaI\_yraH+, config: linear, direction: +, begin: 3285018, end: 3285467

\*3285020 \*      \*3285030 \*      \*3285040 \*      \*3285050 \*      \*3285060 \*      \*3285070 \*      \*3285080 \*      \*3285090 \*  
 5' agt a a c t t t a t t t g t t t a a t t a a c a c c t a a c c a g a t g a a a a t t t g c t c a a a a t g t t t a a a t t a a c t t a t g t a a c a g t c a c 3'  
 - ser - asn - phe - ile - cys - leu - ile - asn - thr - fMet - lys - asn - leu - leu - lys - met - phe - lys - leu - thr - tyr - val - thr - val - thr -  
 - val - thr - leu - phe - val - fMet - phe - asn -

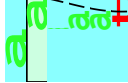


p35 5.7 bits

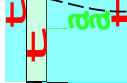
{-----} sd-(16)-ir 3285070 Gap 6.4 bits

{-----} ... p35-(26)-p10 3285113 Gap

|-----| sd-ir 3285070 agaI\_yraH+ total 6.6 bits



p10 3.8 bits



p10 3.7 bits

|-----| ... p35-p10 3285113 total 4.3

{-----} p35-(23)-p10 3285056 Gap 1.4 bits

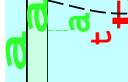


p10 5.7 bits

|-----| p35-p10 3285056 total 8.1 bits



p35 2.8 bits



p10 1.9 bits

{-----} ... p35-(24)-p10 3285104 Gap

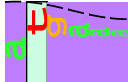
{-----} p35-(24)-p10 3285057 Gap 2.4 bits

|-----| ... p35-p10 3285104 total 6.8

|-----| p35-p10 3285057 total 5.2 bits



p35 2.4 bits



p35 3.3 bits

{-----} p35-(22)-p10 3285075 Gap 2.3 bits

{-----} p35-p10 3285075 total 4.7 bits

{-----} p35-(23)-p10 3285076 Gap 1.4 bits

{-----} p35-p10 3285076 total 7.6 bits

\*3285100 \*      \*3285110 \*      \*3285120 \*      \*3285130 \*      \*3285140 \*      \*3285150 \*      \*3285160 \*      \*3285170 \*  
 5' g c a t t a t a t t a a a t a a c a t t t g a c t g g g t t g a a c a t a a c g c c g a t a g c a a a a g g a g t t a t g t t c a a c a a t t t a a t t t t a g a 3'  
 - his - tyr - ile - lys - fMet - thr - gly - leu - asn - ile - thr - pro - ile - ala - lys - gly - val - met - phe - ~~asn~~ - ~~asn~~ - leu - ile - leu - asp -

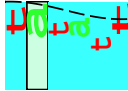
[###] orf 15 codons



{-----} p35-(26)-p10 3285113 Gap 3.7 bits



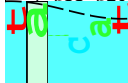
{-----} sd-(5)-ir 3285157 Gap 5.4 bits



p10 6.5 bits

|-----| p35-p10 3285113 total 4.3 bits

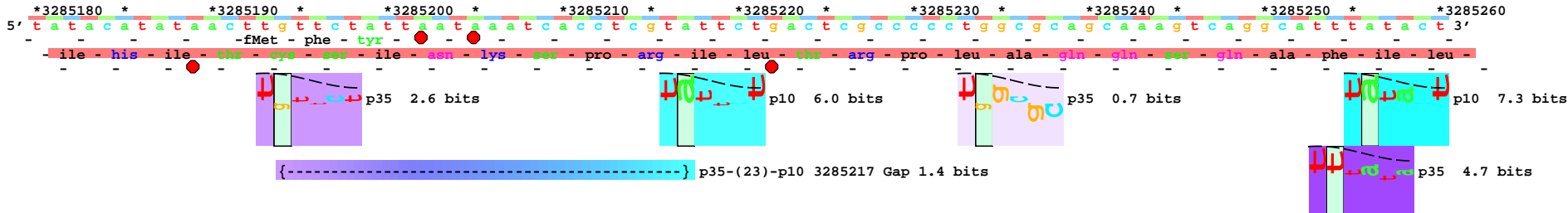
|-----| sd-ir 3285157 agaI\_yraH+ total 10.7 bits



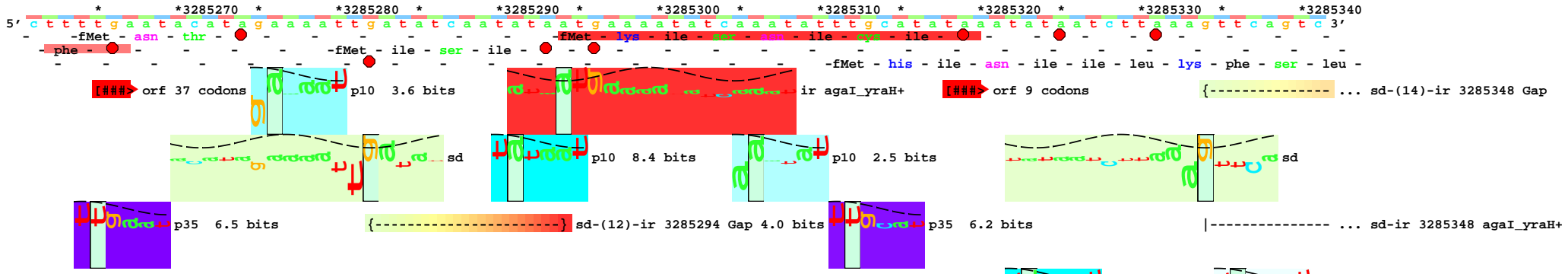
p10 5.6 bits

{-----} p35-(24)-p10 3285104 Gap 2.4 bits

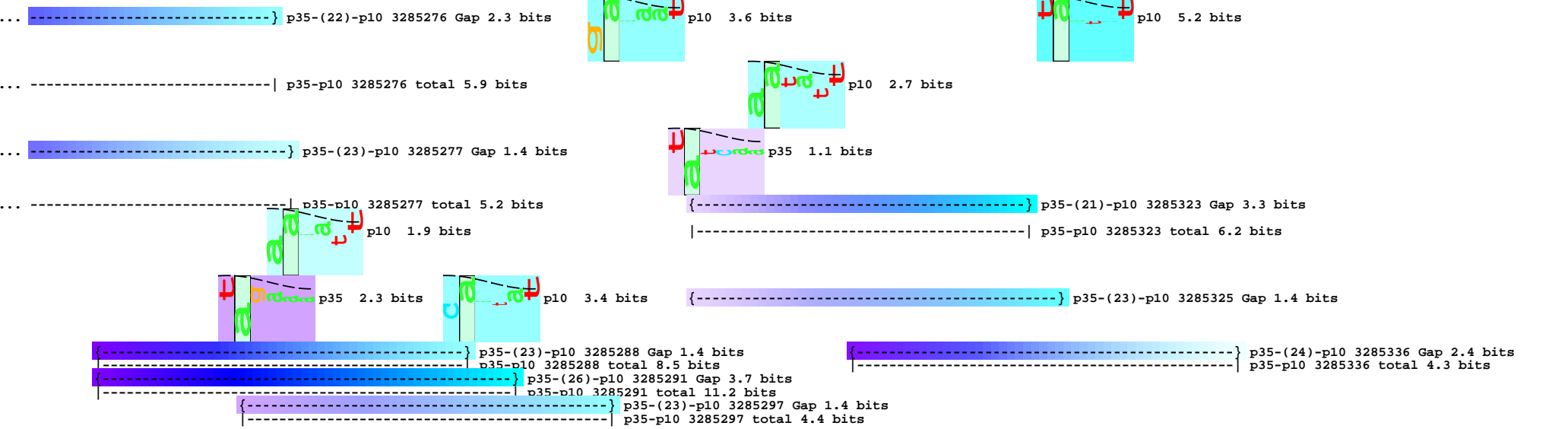
... -----| p35-p10 3285104 total 6.8 bits

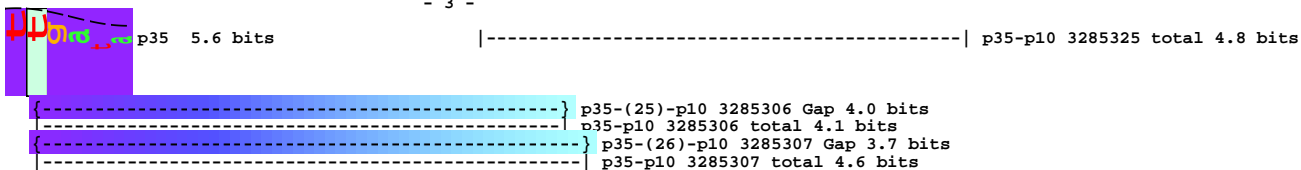


-----| p35-p10 3285217 total 7.2 bits {-----} p35-(22)-p10 3285256 Gap 2.3 bits  
 -----| p35-p10 3285256 total 5.6 bits  
 -----| p35-p10 3285276 total 5.9 bits  
 -----| p35-(23)-p10 3285277 Gap  
 -----| p35-p10 3285277 total 5.2



-----| sd-ir 3285294 agaI\_yraH+ total 10.1 bits





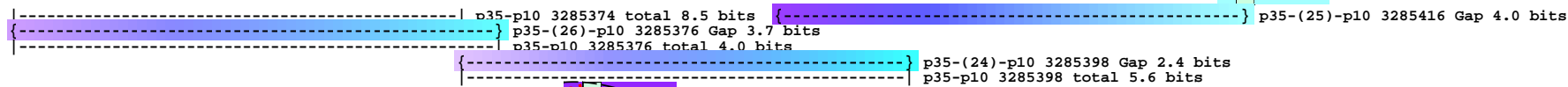
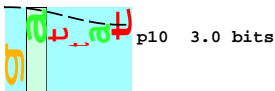
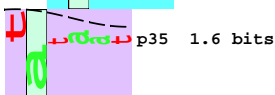
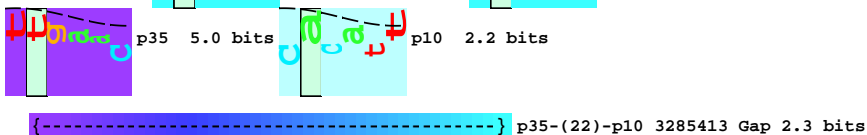
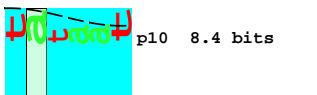
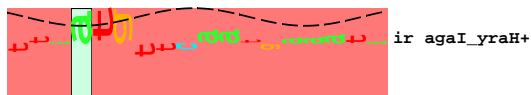
\*3285350 \*      \*3285360 \*      \*3285370 \*      \*3285380 \*      \*3285390 \*      \*3285400 \*      \*3285410 \*      \*3285420 \*

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

- -fMet - phe - asn - glu - ile - phe - leu - pro - val - - -fMet - leu - asn - ile - tyr - ser - his - - -

- - phe - asn - val - gln - - -fMet - lys - tyr - phe - cys - leu - tyr - asn - leu - - - -fMet - ile - met - tyr - -

... -----} sd-(14)-ir 3285348 Gap 4.9 bits      [###> orf 10 codons      p10 6.5 bits      p10 6.4 bits



\*3285430 \*      \*3285440 \*      \*3285450 \*      \*3285460 \*

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

- - leu - leu - gln - gly - - -fMet - asn - lys - val - thr - lys - -

sd      ... NC\_000913.yraH

