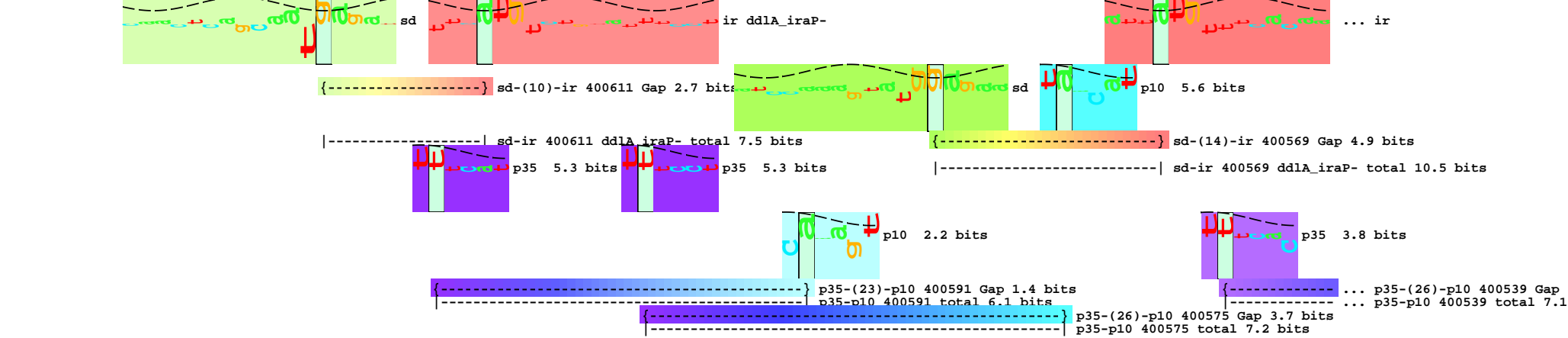


piece 1, NC\_000913, ddlA\_iraP-, config: linear, direction: -, begin: 400639, end: 400128

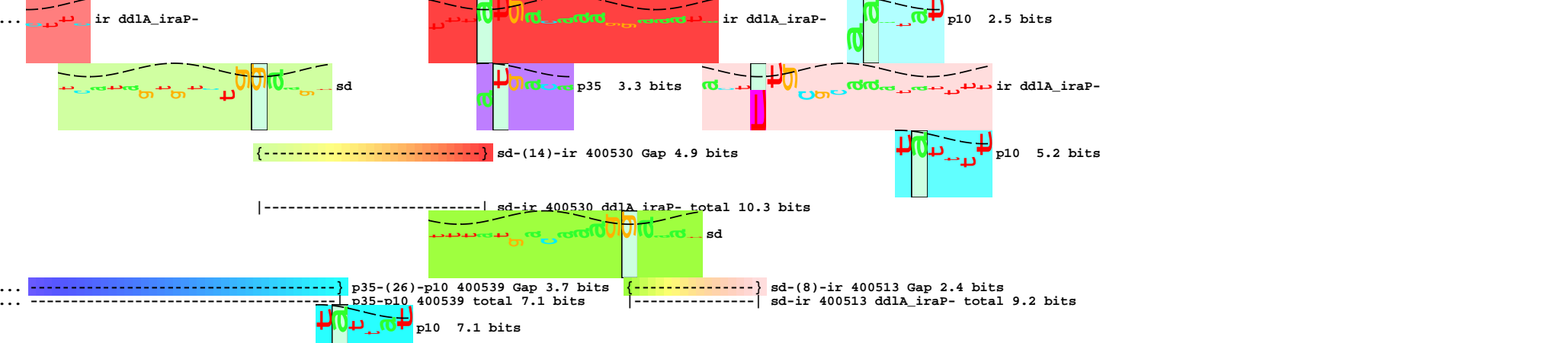
5' <sup>\*</sup> a a a t a a c a a c t c a g c a a t g a g a t t t t t c a t g t c t g t a t t t t c c t t c c a a a g t a t g g a g a a g t t a a c a t t a t g t t t c a a a 3'

<sup>\*</sup> lys - asn - asn - asn - ser - ala - met - arg - phe - phe - met - ser - val - phe - pro - tyr - pro - lys - tyr - gly - glu - val - ~~asn~~ - ile - met - phe - his - ~~asn~~ - ile - thr - thr - gln - gln - ~~Met~~ - glu - lys - leu - thr - leu - ~~cys~~ - phe - thr - thr -



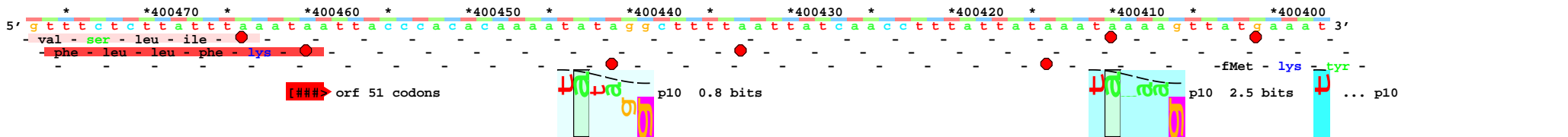
5' <sup>\*</sup> c t t c a t a g t g t c t g g a a g t a t t t t t t a t g a c a a a g g a a a t a c t t t t g c g c a a a t a t t t t t t g t t t g a t t a c c a g c g a a a c 3'

<sup>\*</sup> phe - ile - val - ser - gly - ser - ile - ile - phe - met - ~~thr~~ - lys - glu - ile - leu - ~~lys~~ - ala - ~~asn~~ - ile - phe - ~~lys~~ - leu - ile - ~~thr~~ - ser - glu - ~~thr~~ - ser

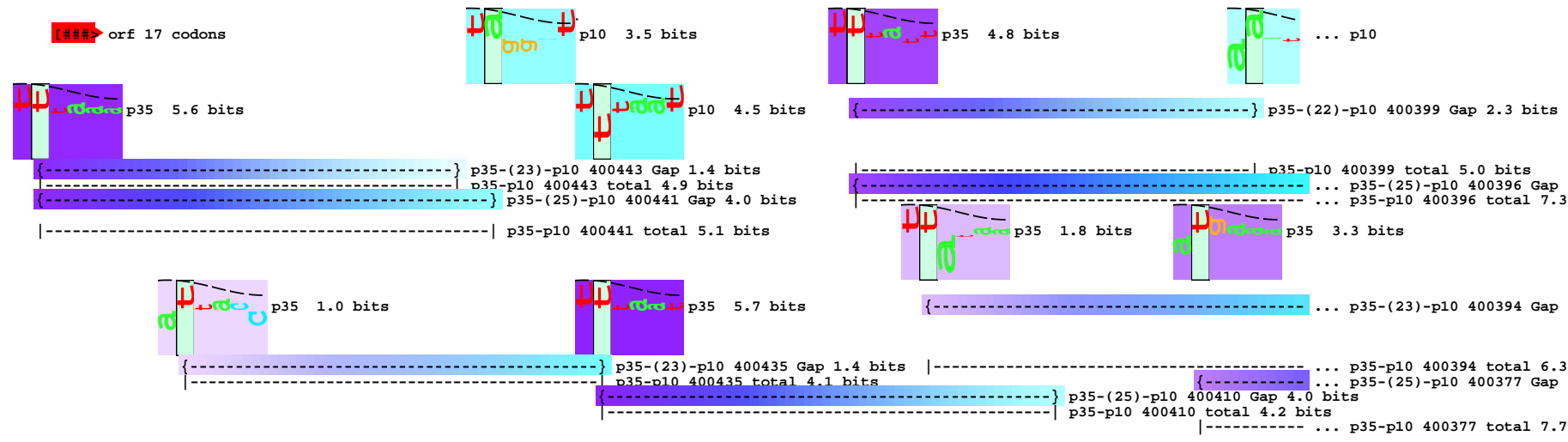


5' <sup>\*</sup> g t t t c t c t t a t t t a a t a a t t a c c c a c a c a a a a t a t a g g c t t t t a a t t a t c a a c c t t a t t a t a a a t a a a a g t t a t g a a a t 3'

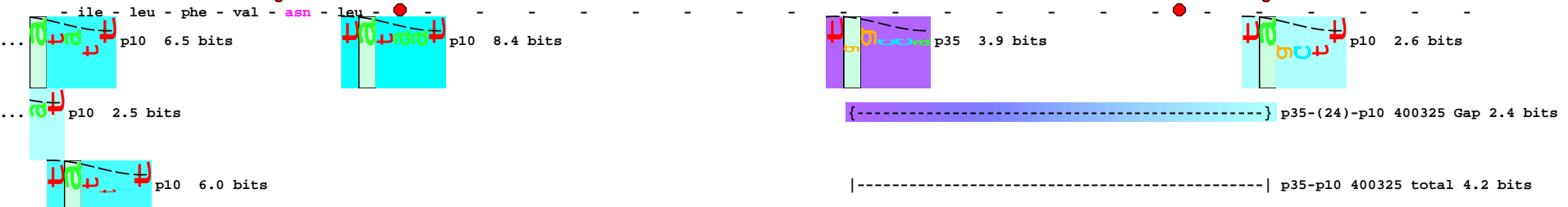
<sup>\*</sup> val - ser - leu - ile - phe - leu - leu - phe - lys - ~~Met~~ - lys - tyr



[###> orf 17 codons

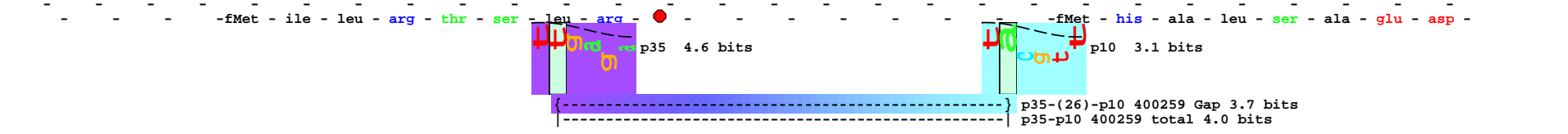


5' \*400390 \*400380 \*400370 \*400360 \*400350 \*400340 \*400330 \*400320 3'  
 a t a t t c t c t t c g t t a a c t t a t a a t t a g a g a a a a a a a a c t c a c c g c a t g g c c a t t t a a g c c a g g a a t a a a t t a g c t t c c c g t 3'



... } p35-(25)-p10 400396 Gap 4.0 bits  
 ... | p35-p10 400396 total 7.3 bits  
 ... } p35-(23)-p10 400394 Gap 1.4 bits  
 ... } p35-p10 400394 total 6.3 bits  
 ... } p35-(25)-p10 400377 Gap 4.0 bits

5' \*400310 \*400300 \*400290 \*400280 \*400270 \*400260 \*400250 \*400240 3'  
 t c a t c a t t t t t t g t g a t c t t g c g c a c a t c t t t g a g a t a a c g c a c t t t c t t c a c c a g t a c g t t g c a c g c t t t g t c a g c a g a a g 3'



5' \*400230 \*400220 \*400210 \*400200 \*400190 \*400180 \*400170 \*400160 3'  
 a t t g c a a c a a t c t t t c a g a a g g c c g c g a a t c c c c c g t t t t g t c g t g g t a a t g t a t g c a c t t t g t g t t a g a c g g g a t a g g t t 3'



\*400150 \* \*400140 \* \*400130  
 5' t t t a a g a t g g a a a a a c t g c g g g t a g g 3'  
 - fMet - glu - lys - leu - arg - val -  
 - leu - arg - trp - lys - asn - cys - gly - -

... } sd-(14)-ir 400147 Gap 4.9 bits  
 ... } sd-ir 400147 ddIA\_iraP- total 7.1 bits  
 ... } p35-(23)-p10 400150 Gap 1.4 bits  
 ... } p35-p10 400150 total 8.1 bits

