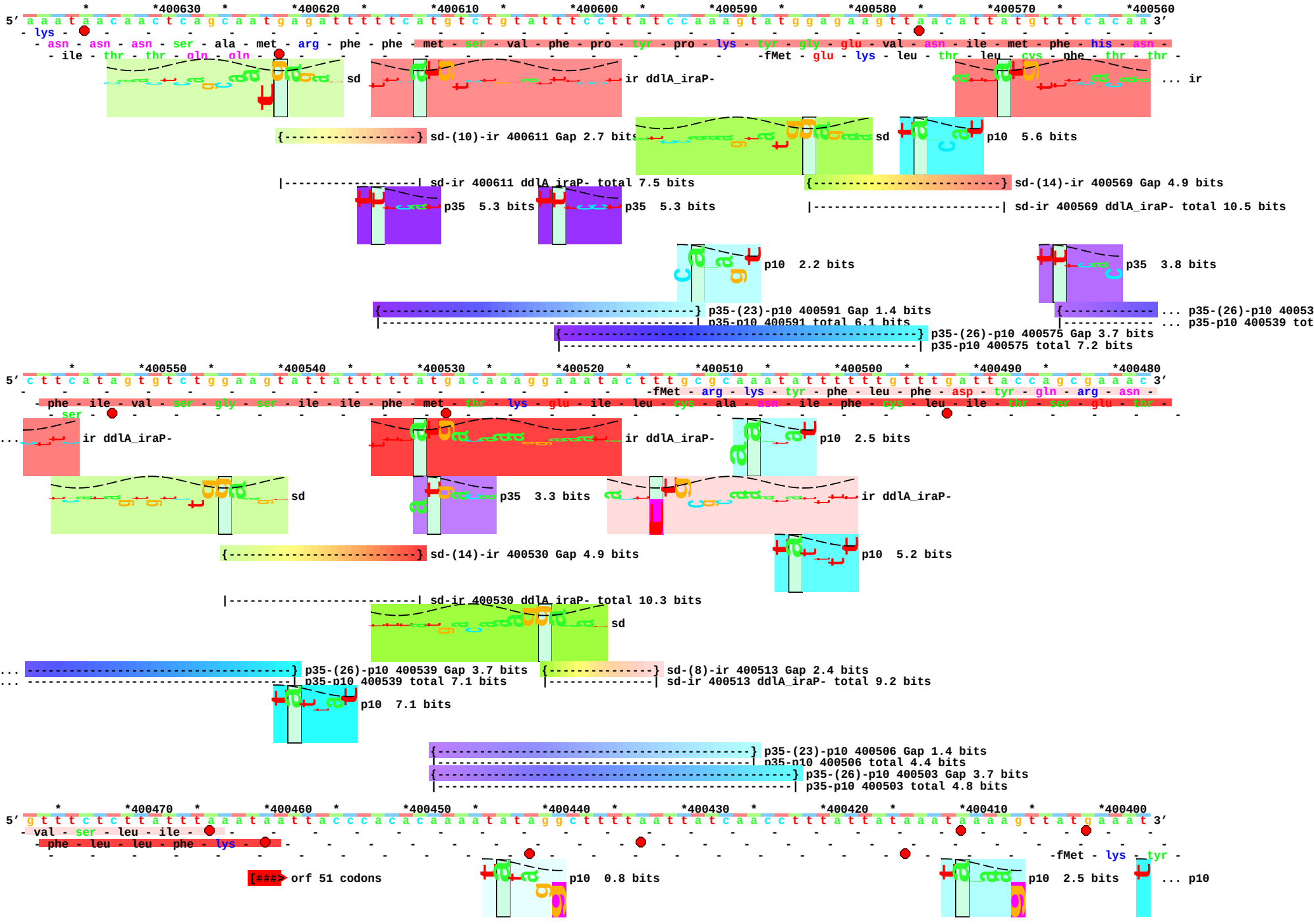
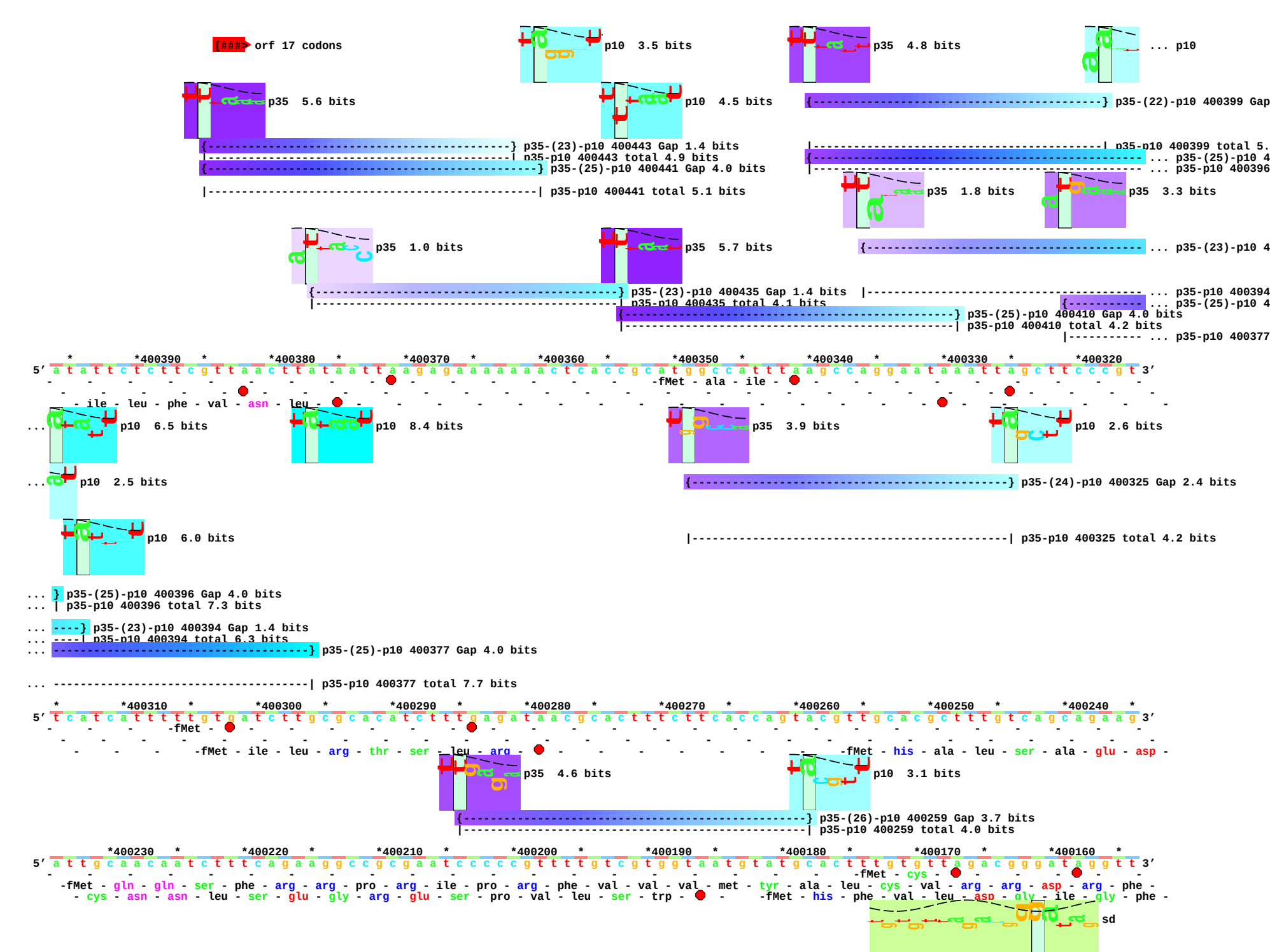
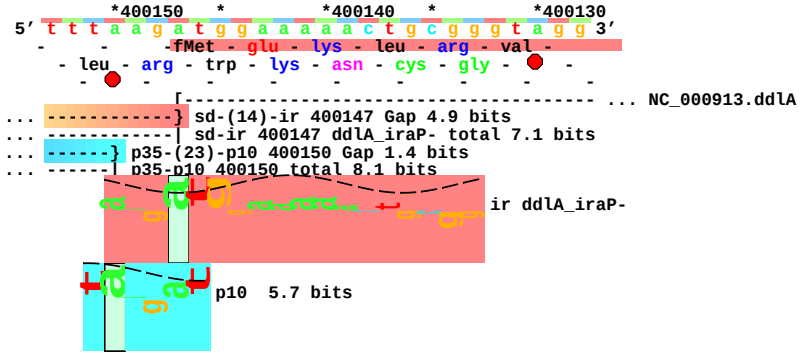
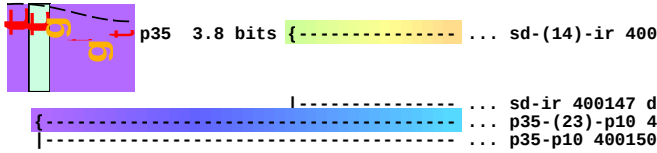
piece 1, NC_000913, ddlA_iraP-, config: linear, direction: -, begin: 400639, end: 400128




[###> orf 17 codons
p10 3.5 bits
p35 4.8 bits
... p10
p35 5.6 bits
p10 4.5 bits
} p35-(22)-p10 400399 Gap
} p35-(23)-p10 400443 Gap 1.4 bits
| p35-p10 400443 total 4.9 bits
} p35-(25)-p10 400441 Gap 4.0 bits
| p35-p10 400441 total 5.1 bits
| p35-p10 400399 total 5.
... p35-(25)-p10 4
... p35-p10 400396
p35 1.8 bits
p35 3.3 bits
p35 1.0 bits
p35 5.7 bits
... p35-(23)-p10 4
} p35-(23)-p10 400435 Gap 1.4 bits
| p35-p10 400435 total 4.1 bits
... p35-p10 400394
... p35-(25)-p10 4
} p35-(25)-p10 400410 Gap 4.0 bits
| p35-p10 400410 total 4.2 bits
... p35-p10 400377
5' 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 a g a g 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'
-fMet - ala - ile -
- ile - leu - phe - val - asn - leu -
... p10 6.5 bits
p10 8.4 bits
p35 3.9 bits
p10 2.6 bits
... p10 2.5 bits
} p35-(24)-p10 400325 Gap 2.4 bits
p10 6.0 bits
| p35-p10 400325 total 4.2 bits
... } 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
... ----------| p35-p10 400377 total 7.7 bits
5' t c a t c a 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'
-fMet -
-fMet - ile - leu - arg - thr - ser - leu - arg -
-fMet - his - ala - leu - ser - ala - glu - asp -
p35 4.6 bits
p10 3.1 bits
} p35-(26)-p10 400259 Gap 3.7 bits
| p35-p10 400259 total 4.0 bits
5' 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'
-fMet - cys -
-fMet - gln - gln - ser - phe - arg - arg - pro - arg - ile - pro - arg - phe - val - val - val - met - tyr - ala - leu - cys - val - arg - arg - asp - arg - phe -
- cys - asn - asn - leu - ser - glu - gly - arg - glu - ser - pro - val - leu - ser - trp -
-fMet - his - phe - val - leu - asp - gly - ile - gly - phe -
sd


*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 -
... NC_000913.ddlA
sd-(14)-ir 400147 Gap 4.9 bits
sd-ir 400147 ddlA_iraP- total 7.1 bits
p35-(23)-p10 400150 Gap 1.4 bits
p35-p10 400150 total 8.1 bits
ir ddlA_iraP-
p10 5.7 bits


p35 3.8 bits
... sd-(14)-ir 400
... sd-ir 400147 d
... p35-(23)-p10 4
... p35-p10 400150