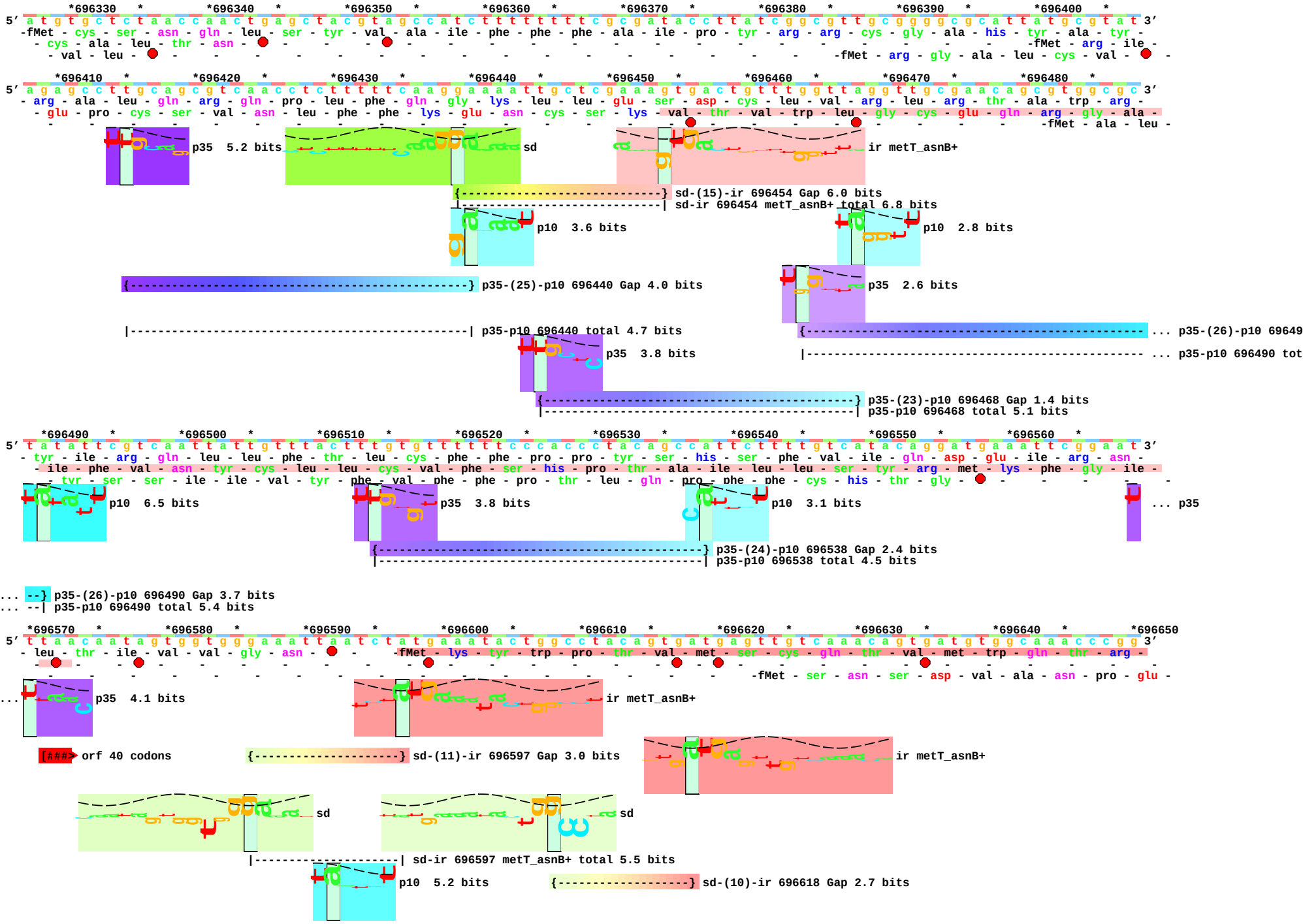
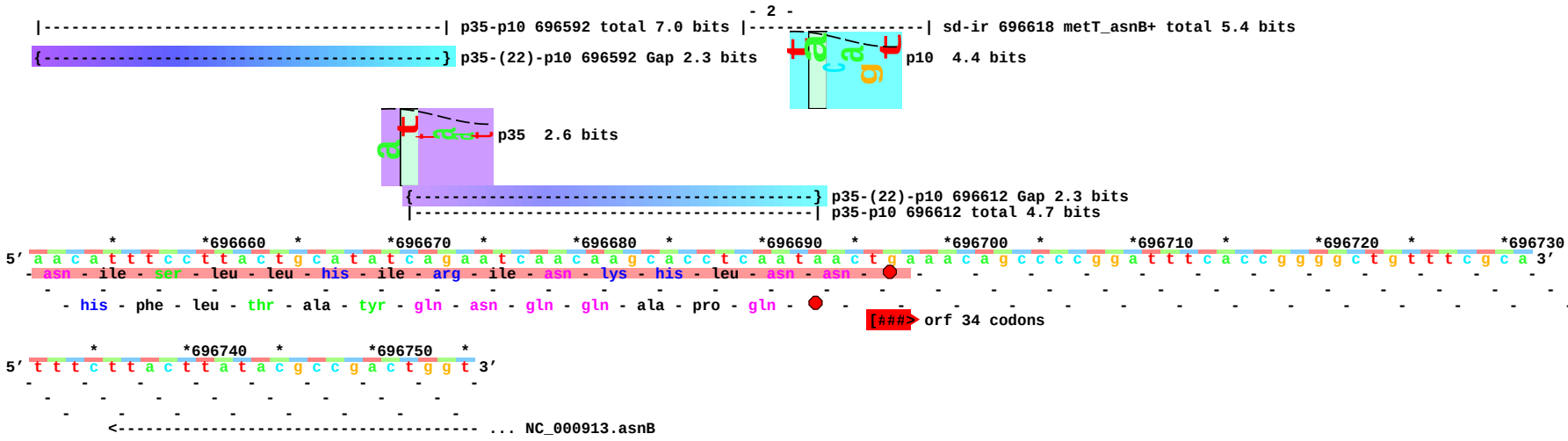
piece 1, NC_000913, metT_asnB+, config: linear, direction: +, begin: 696327, end: 696755


*696330 *696340 *696350 *696360 *696370 *696380 *696390 *696400 *
5' atgtgctctaaccaactgagctacgtagccatctttttttcgcgatacttatcggcgttgcgggcgcattatgcgtat 3'
-fMet - cys - ser - asn - gln - leu - ser - tyr - val - ala - ile - phe - phe - phe - ala - ile - pro - tyr - arg - arg - cys - gly - ala - his - tyr - ala - tyr -
- cys - ala - leu - thr - asn -fMet - arg - ile -
- val - leu -fMet - arg - gly - ala - leu - cys - val - -
*696410 *696420 *696430 *696440 *696450 *696460 *696470 *696480 *
5' agagccttgcagcgtcaacctctttttcaaggaaaattgctcgaaagtgactgtttggttaggttgcgaacagcgtggcgc 3'
- arg - ala - leu - gln - arg - gln - pro - leu - phe - gln - gly - lys - leu - leu - glu - ser - asp - cys - leu - val - arg - leu - arg - thr - ala - trp - arg -
- glu - pro - cys - ser - val - asn - leu - phe - phe - lys - glu - asn - cys - ser - lys - val - thr - val - trp - leu - gly - cys - glu - gln - arg - gly - ala -
-fMet - ala - leu -
p35 5.2 bits
sd
ir metT_asnB+
{----------} sd-(15)-ir 696454 Gap 6.0 bits
|----------| sd-ir 696454 metT_asnB+ total 6.8 bits
p10 3.6 bits
p10 2.8 bits
{----------} p35-(25)-p10 696440 Gap 4.0 bits
p35 2.6 bits
|----------| p35-p10 696440 total 4.7 bits
{---------- ... p35-(26)-p10 69649
p35 3.8 bits
|---------- ... p35-p10 696490 tot
{----------} p35-(23)-p10 696468 Gap 1.4 bits
|----------| p35-p10 696468 total 5.1 bits
*696490 *696500 *696510 *696520 *696530 *696540 *696550 *696560 *
5' tatattcgtcaattattgtttactttgtgttttttccccacccctacagccattcttttgtcatacaggatgaaattcggaat 3'
- tyr - ile - arg - gln - leu - leu - phe - thr - leu - cys - phe - phe - pro - pro - tyr - ser - his - ser - phe - val - ile - gln - asp - glu - ile - arg - asn -
- ile - phe - val - asn - tyr - cys - leu - leu - cys - val - phe - ser - his - pro - thr - ala - ile - leu - leu - ser - tyr - arg - met - lys - phe - gly - ile -
- tyr - ser - ser - ile - ile - val - tyr - phe - val - phe - phe - pro - thr - leu - gln - pro - phe - phe - cys - his - thr - gly - - - - - -
p10 6.5 bits
p35 3.8 bits
p10 3.1 bits
... p35
{----------} p35-(24)-p10 696538 Gap 2.4 bits
|----------| p35-p10 696538 total 4.5 bits
... --} p35-(26)-p10 696490 Gap 3.7 bits
... --| p35-p10 696490 total 5.4 bits
*696570 *696580 *696590 *696600 *696610 *696620 *696630 *696640 *696650
5' ttaacaatagtggtgggaaattaatctatgaaatactggcctacagtgatgagttgtcaaacagtgatgtggcaaacccgg 3'
- leu - thr - ile - val - val - gly - asn - - -fMet - lys - tyr - trp - pro - thr - val - met - ser - cys - gln - thr - val - met - trp - gln - thr - arg -
- - - - - - - - - - - - - - - - - - - -


- 2 -
|----------| p35-p10 696592 total 7.0 bits |----------| sd-ir 696618 metT_asnB+ total 5.4 bits
{----------} p35-(22)-p10 696592 Gap 2.3 bits
p10 4.4 bits
p35 2.6 bits
{----------} p35-(22)-p10 696612 Gap 2.3 bits
|----------| p35-p10 696612 total 4.7 bits
* *696660 * *696670 * *696680 * *696690 * *696700 * *696710 * *696720 * *696730
5' a a c a t t t c c t t a c t g c a t a t c a g a a t c a a c a a g c a c c t c a a t a a c t g a a a c a g c c c c g g a t t t c a c c g g g g c t g t t t c g c a 3'
- asn - ile - ser - leu - leu - his - ile - arg - ile - asn - lys - his - leu - asn - asn -
- his - phe - leu - thr - ala - tyr - gln - asn - gln - gln - ala - pro - gln -
[###> orf 34 codons
* *696740 * *696750 *
5' t t t c t t a c t t a t a c g c c g a c t g g t 3'
<---------- ... NC_000913.asnB