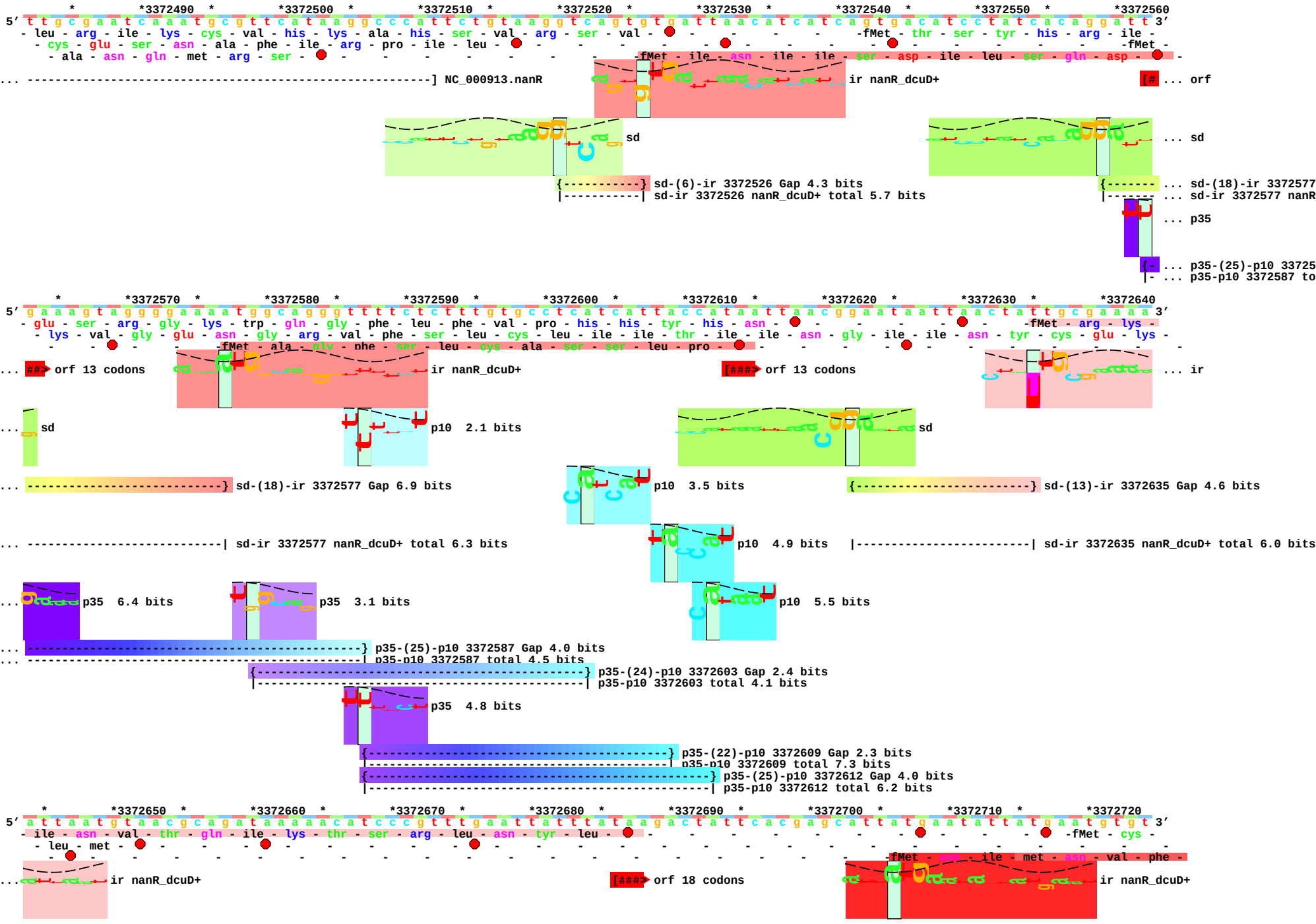
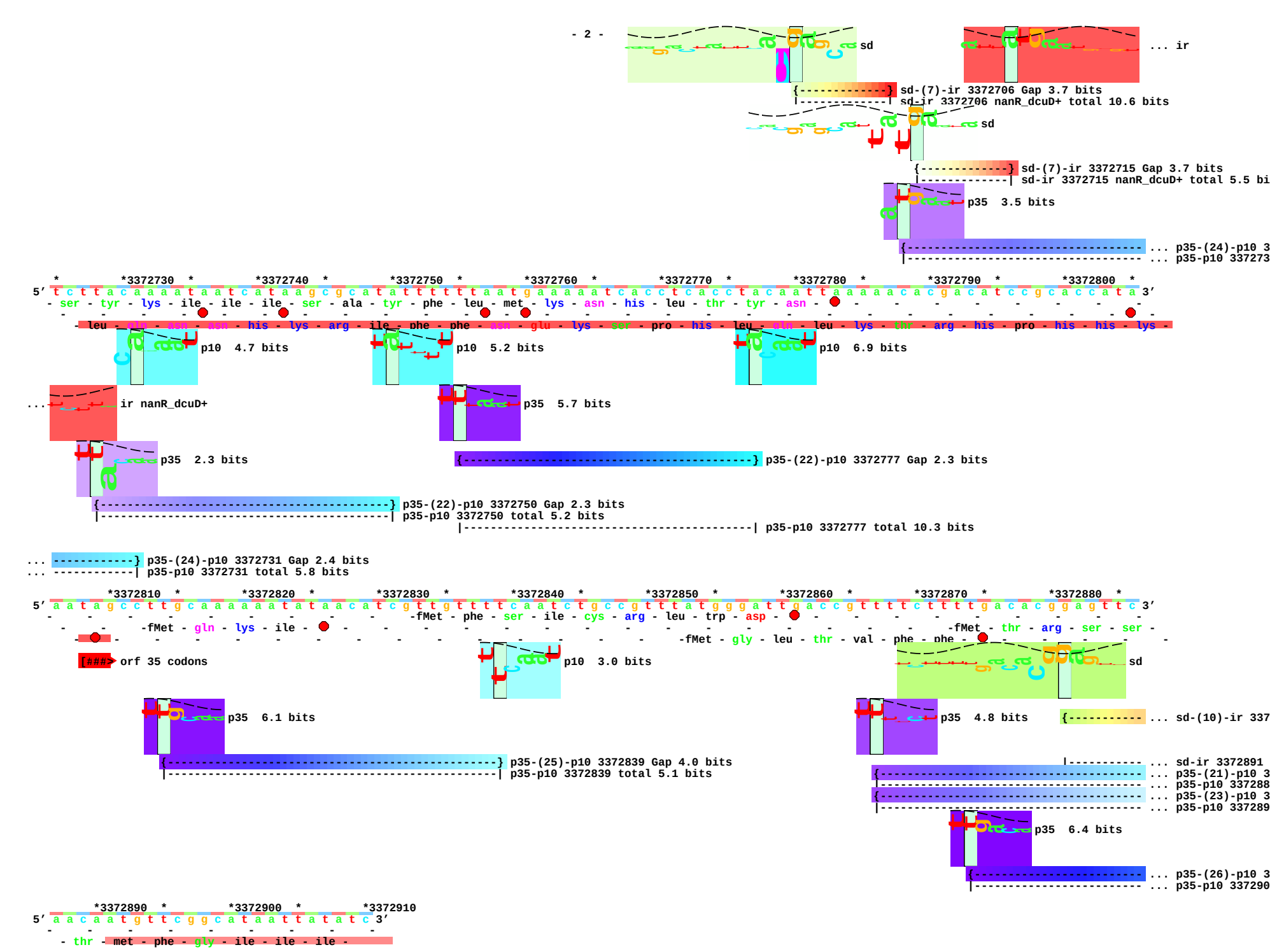
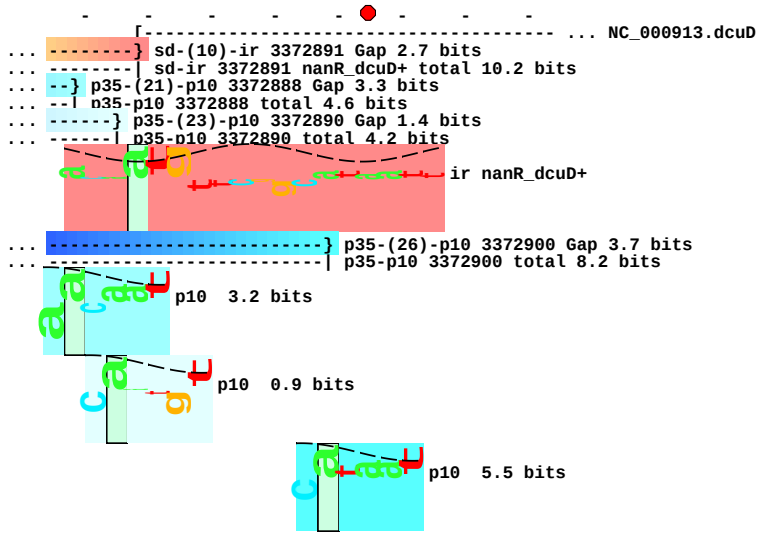
piece 1, NC_000913, nanR_dcuD+, config: linear, direction: +, begin: 3372482, end: 3372910




- 2 -
sd
... ir
sd-(7)-ir 3372706 Gap 3.7 bits
sd-ir 3372706 nanR_dcuD+ total 10.6 bits
sd
sd-(7)-ir 3372715 Gap 3.7 bits
sd-ir 3372715 nanR_dcuD+ total 5.5 bi
p35 3.5 bits
... p35-(24)-p10 3
... p35-p10 337273
*3372730 *3372740 *3372750 *3372760 *3372770 *3372780 *3372790 *3372800 *
5′ t c t t a c a a a a t a a t c a t a a g c g c a t a t t t t t t a a t g a a a a a a t c a c c t c a c c t a c a a t t a a a a a c a c g a c a t c c g c a c c a t a 3′
- ser - tyr - lys - ile - ile - ile - ser - ala - tyr - phe - leu - met - lys - asn - his - leu - thr - tyr - asn -
- leu - gln - asn - asn - his - lys - arg - ile - phe - phe - asn - glu - lys - ser - pro - his - leu - gln - leu - lys - thr - arg - his - pro - his - his - lys -
p10 4.7 bits
p10 5.2 bits
p10 6.9 bits
... ir nanR_dcuD+
p35 5.7 bits
p35 2.3 bits
p35-(22)-p10 3372777 Gap 2.3 bits
p35-(22)-p10 3372750 Gap 2.3 bits
p35-p10 3372750 total 5.2 bits
p35-p10 3372777 total 10.3 bits
... p35-(24)-p10 3372731 Gap 2.4 bits
... p35-p10 3372731 total 5.8 bits
*3372810 *3372820 *3372830 *3372840 *3372850 *3372860 *3372870 *3372880 *
5′ a a t a g c c t t g c a a a a a a t a t a a c a t c g t t g t t t t c a a t c t g c c g t t t a t g g g a t t g a c c g t t t t c t t t t g a c a c g g a g t t c 3′
-fMet - phe - ser - ile - cys - arg - leu - trp - asp -
-fMet - gln - lys - ile -
-fMet - thr - arg - ser - ser -
-fMet - gly - leu - thr - val - phe - phe -
[###> orf 35 codons
p10 3.0 bits
sd
p35 6.1 bits
p35 4.8 bits
... sd-(10)-ir 337
p35-(25)-p10 3372839 Gap 4.0 bits
p35-p10 3372839 total 5.1 bits
... sd-ir 3372891
... p35-(21)-p10 3
... p35-p10 337288
... p35-(23)-p10 3
... p35-p10 337289
p35 6.4 bits
... p35-(26)-p10 3
... p35-p10 337290
*3372890 *3372900 *3372910
5′ a a c a a t g t t c g g c a t a a t t a t a t c 3′
- thr - met - phe - gly - ile - ile - ile -


[------------------------------------ ... NC_000913.dcuD
} sd-(10)-ir 3372891 Gap 2.7 bits
| sd-ir 3372891 nanR_dcuD+ total 10.2 bits
} p35-(21)-p10 3372888 Gap 3.3 bits
| p35-p10 3372888 total 4.6 bits
} p35-(23)-p10 3372890 Gap 1.4 bits
| p35-p10 3372890 total 4.2 bits
ir nanR_dcuD+
} p35-(26)-p10 3372900 Gap 3.7 bits
| p35-p10 3372900 total 8.2 bits
p10 3.2 bits
p10 0.9 bits
p10 5.5 bits