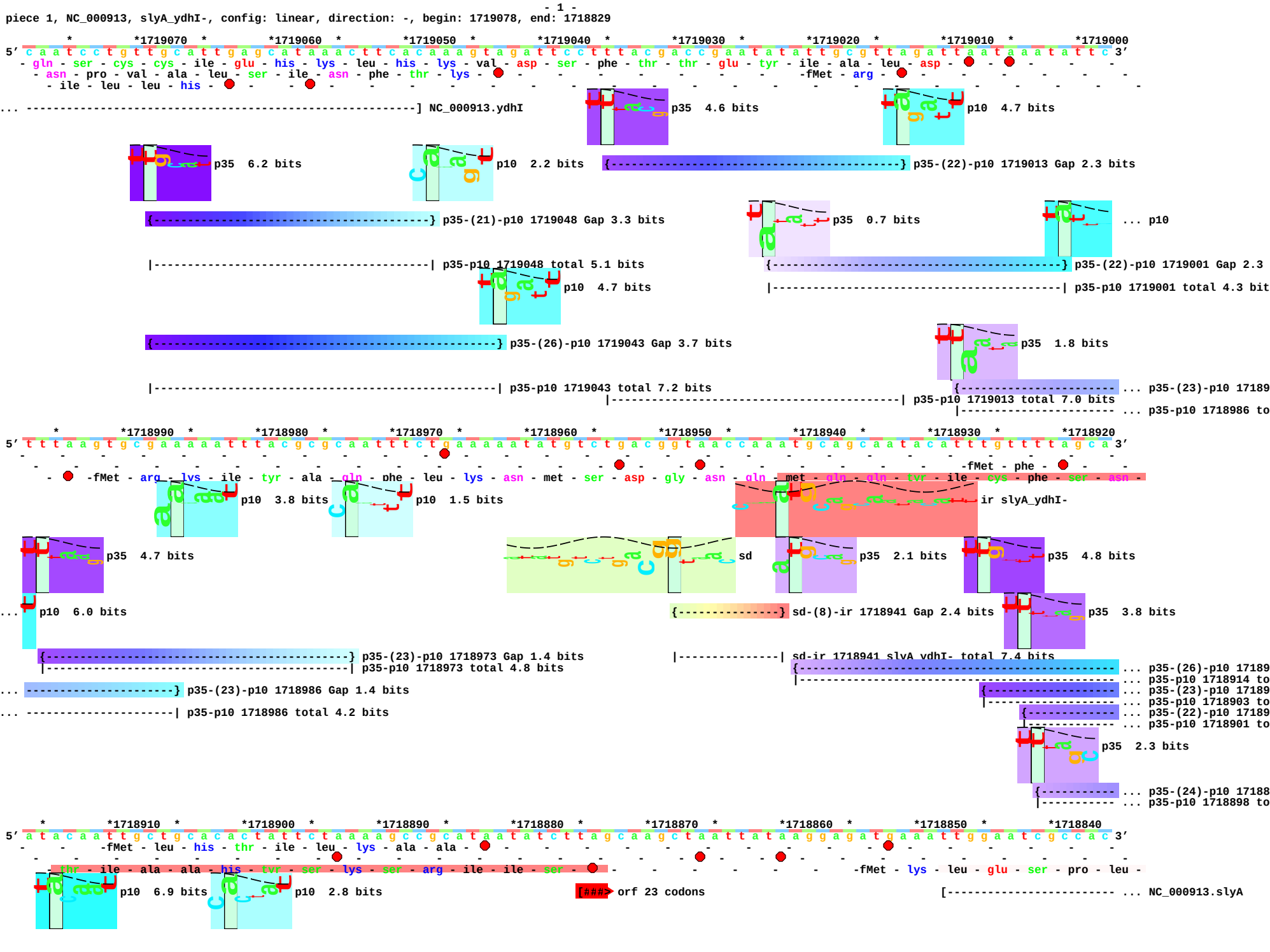
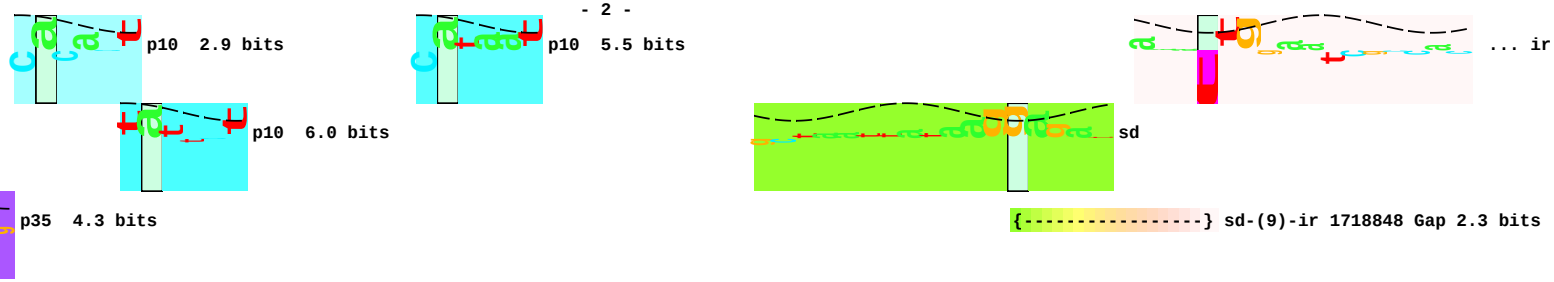

piece 1, NC_000913, slyA_ydhI-, config: linear, direction: -, begin: 1719078, end: 1718829
*1719070 *1719060 *1719050 *1719040 *1719030 *1719020 *1719010 *1719000
5′ caatcctgttgcattgagcataaacttcacaaagtagattccttacgaccgaatattgcgttagattaataaatattc 3′
- gln - ser - cys - cys - ile - glu - his - lys - leu - his - lys - val - asp - ser - phe - thr - thr - glu - tyr - ile - ala - leu - asp -
- asn - pro - val - ala - leu - ser - ile - asn - phe - thr - lys - -fMet - arg -
- ile - leu - leu - his -
] NC_000913.ydhI
p35 4.6 bits
p10 4.7 bits
p35 6.2 bits
p10 2.2 bits
} p35-(22)-p10 1719013 Gap 2.3 bits
} p35-(21)-p10 1719048 Gap 3.3 bits
p35 0.7 bits
... p10
| p35-p10 1719048 total 5.1 bits
} p35-(22)-p10 1719001 Gap 2.3
p10 4.7 bits
| p35-p10 1719001 total 4.3 bit
} p35-(26)-p10 1719043 Gap 3.7 bits
p35 1.8 bits
| p35-p10 1719043 total 7.2 bits
... p35-(23)-p10 17189
| p35-p10 1719013 total 7.0 bits
... p35-p10 1718986 to
*1718990 *1718980 *1718970 *1718960 *1718950 *1718940 *1718930 *1718920
5′ tttaagtgcgaaaaatttacgcgcaatttctgaaaaatatgtctgacggtaaccaaatgcagcaatacatttgttttagca 3′
-fMet - phe -
- -fMet - arg - lys - ile - tyr - ala - gln - phe - leu - lys - asn - met - ser - asp - gly - asn - gln - met - gln - gln - tyr - ile - cys - phe - ser - asn -
p10 3.8 bits
p10 1.5 bits
ir slyA_ydhI-
p35 4.7 bits
sd
p35 2.1 bits
p35 4.8 bits
... p10 6.0 bits
} sd-(8)-ir 1718941 Gap 2.4 bits
p35 3.8 bits
} p35-(23)-p10 1718973 Gap 1.4 bits
| p35-p10 1718973 total 4.8 bits
| sd-ir 1718941 slyA_ydhI- total 7.4 bits
... p35-(26)-p10 17189
... p35-p10 1718914 to
... } p35-(23)-p10 1718986 Gap 1.4 bits
... p35-(23)-p10 17189
... p35-p10 1718903 to
... | p35-p10 1718986 total 4.2 bits
... p35-(22)-p10 17189
... p35-p10 1718901 to
p35 2.3 bits
... p35-(24)-p10 17188
... p35-p10 1718898 to
*1718910 *1718900 *1718890 *1718880 *1718870 *1718860 *1718850 *1718840
5′ atacaattgctgcacactattctaaagccgcataatatcttagcaagctaattataaggagatgaaattggaatcgccac 3′
-fMet - leu - his - thr - ile - leu - lys - ala - ala -
- thr - ile - ala - ala - his - tyr - ser - lys - ser - arg - ile - ile - ser -
-fMet - lys - leu - glu - ser - pro - leu -
p10 6.9 bits
p10 2.8 bits
orf 23 codons
[... NC_000913.slyA


p10 2.9 bits
p10 5.5 bits
... ir
p10 6.0 bits
sd
p35 4.3 bits
{----------} sd-(9)-ir 1718848 Gap 2.3 bits
... ----} p35-(26)-p10 1718914 Gap 3.7 bits
|----------| sd-ir 1718848 slyA_ydhI- total 8.9 bits
... ----| p35-p10 1718914 total 5.3 bits
... ----------} p35-(23)-p10 1718903 Gap 1.4 bits
... ----------| p35-p10 1718903 total 6.3 bits
... ----------} p35-(22)-p10 1718901 Gap 2.3 bits
... ----------| p35-p10 1718901 total 4.2 bits
{----------} p35-(25)-p10 1718884 Gap 4.0 bits
... ----------} p35-(24)-p10 1718898 Gap 2.4 bits
... ----------| p35-p10 1718898 total 5.8 bits
|----------| p35-p10 1718884 total 5.8 bits
*1718830
5' t a g g t t c 3'
- gly -
... ---------- ... NC_000913.slyA
... ir slyA_ydhI-