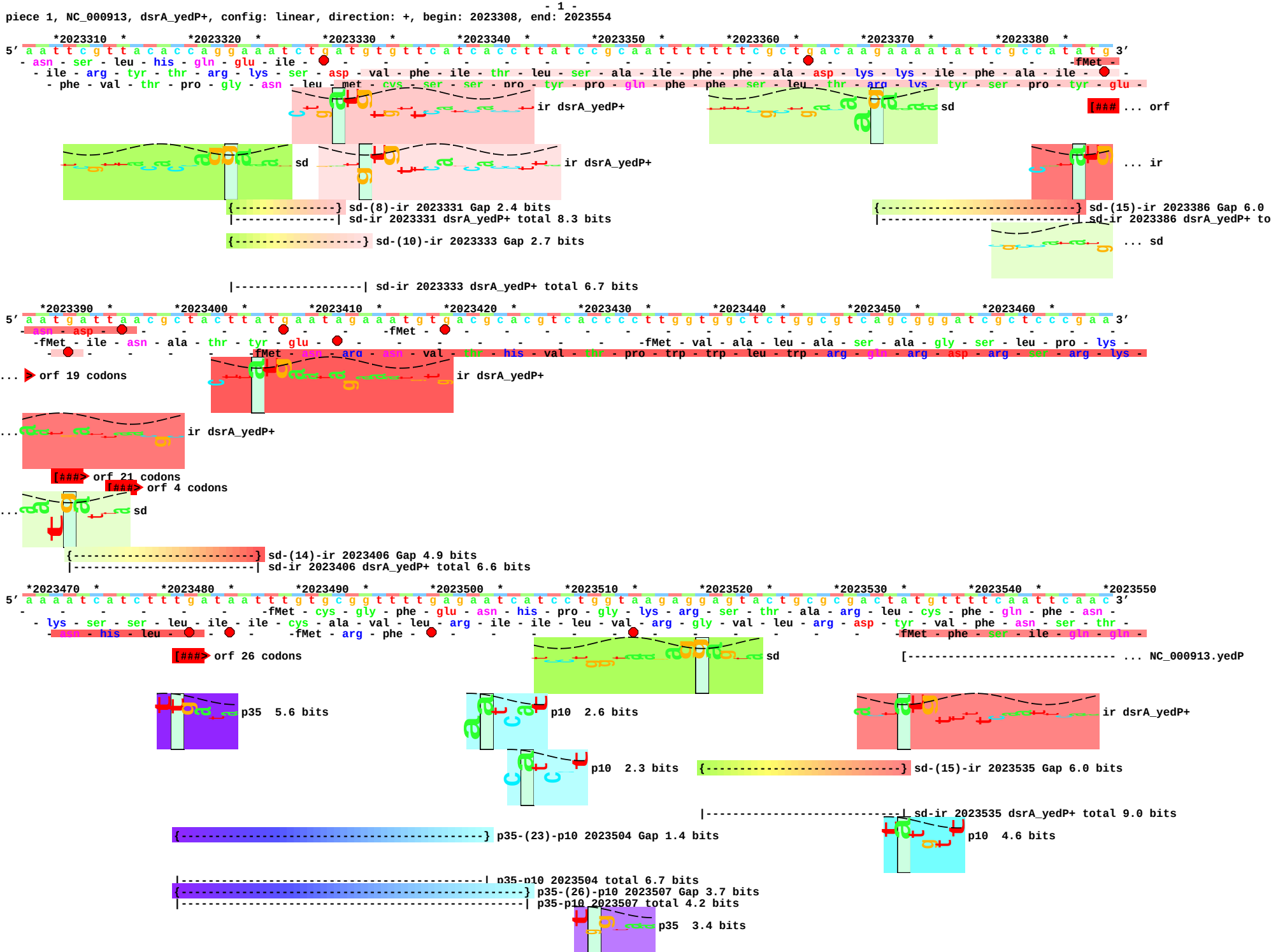
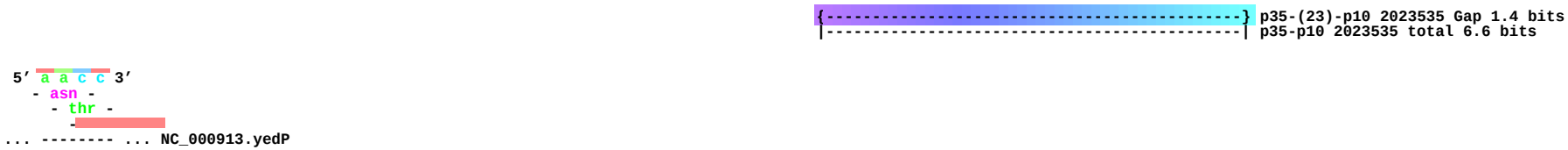

piece 1, NC_000913, dsrA_yedP+, config: linear, direction: +, begin: 2023308, end: 2023554
*2023310 *2023320 *2023330 *2023340 *2023350 *2023360 *2023370 *2023380 *
5' a a t t c g t t a c a c c a g g a a a t c t g a t g t g t t c a t c a c c t t a t c c g c a a t t t t t t t c g c t g a c a a g a a a a t a t t c g c c a t a t g 3'
- asn - ser - leu - his - gln - glu - ile - fMet -
- ile - arg - tyr - thr - arg - lys - ser - asp - val - phe - ile - thr - leu - ser - ala - ile - phe - phe - ala - asp - lys - lys - ile - phe - ala - ile -
- phe - val - thr - pro - gly - asn - leu - met - cys - ser - ser - pro - tyr - pro - gln - phe - phe - ser - leu - thr - arg - lys - tyr - ser - pro - tyr - glu -
ir dsrA_yedP+
sd
[### ... orf
sd
ir dsrA_yedP+
... ir
{----------} sd-(8)-ir 2023331 Gap 2.4 bits
|----------| sd-ir 2023331 dsrA_yedP+ total 8.3 bits
{----------} sd-(10)-ir 2023333 Gap 2.7 bits
|----------| sd-ir 2023333 dsrA_yedP+ total 6.7 bits
{----------} sd-(15)-ir 2023386 Gap 6.0
|----------| sd-ir 2023386 dsrA_yedP+ to
... sd
*2023390 *2023400 *2023410 *2023420 *2023430 *2023440 *2023450 *2023460 *
5' a a t g a t t a a c g c t a c t t a t g a a t a g a a a t g t g a c g c a c g t c a c c c c t t g g t g g c t c t g g c g t c a g c g g g a t c g c t c c c g a a 3'
- asn - asp - fMet -
-fMet - ile - asn - ala - thr - tyr - glu - fMet - val - ala - leu - ala - ser - ala - gly - ser - leu - pro - lys -
- fMet - asn - arg - asn - val - thr - his - val - thr - pro - trp - trp - leu - trp - arg - gln - arg - asp - arg - ser - arg - lys -
... orf 19 codons
ir dsrA_yedP+
... ir dsrA_yedP+
[###> orf 21 codons
[###> orf 4 codons
... sd
{----------} sd-(14)-ir 2023406 Gap 4.9 bits
|----------| sd-ir 2023406 dsrA_yedP+ total 6.6 bits
*2023470 *2023480 *2023490 *2023500 *2023510 *2023520 *2023530 *2023540 *2023550
5' a a a a t c a t c t t t g a t a a t t t g t g c g g t t t t g a g a a t c a t c c t g g t a a g a g g a g t a c t g c g c g a c t a t g t t t t c a a t t c a a c 3'
- fMet - cys - gly - phe - glu - asn - his - pro - gly - lys - arg - ser - thr - ala - arg - leu - cys - phe - gln - phe - asn -
- lys - ser - ser - leu - ile - ile - cys - ala - val - leu - arg - ile - ile - leu - val - arg - gly - val - leu - arg - asp - tyr - val - phe - asn - ser - thr -
- asn - his - leu - fMet - arg - phe - fMet - phe - ser - ile - gln - gln -
[###> orf 26 codons
sd
[---------- ... NC_000913.yedP
p35 5.6 bits
p10 2.6 bits
ir dsrA_yedP+
p10 2.3 bits
{----------} sd-(15)-ir 2023535 Gap 6.0 bits
|----------| sd-ir 2023535 dsrA_yedP+ total 9.0 bits
{----------} p35-(23)-p10 2023504 Gap 1.4 bits
p10 4.6 bits
|----------| p35-p10 2023504 total 6.7 bits
{----------} p35-(26)-p10 2023507 Gap 3.7 bits
|----------| p35-p10 2023507 total 4.2 bits
p35 3.4 bits


{----------} p35-(23)-p10 2023535 Gap 1.4 bits
|----------| p35-p10 2023535 total 6.6 bits
5′ a a c c 3′
- asn -
- thr -
-
... -------- ... NC_000913.yedP