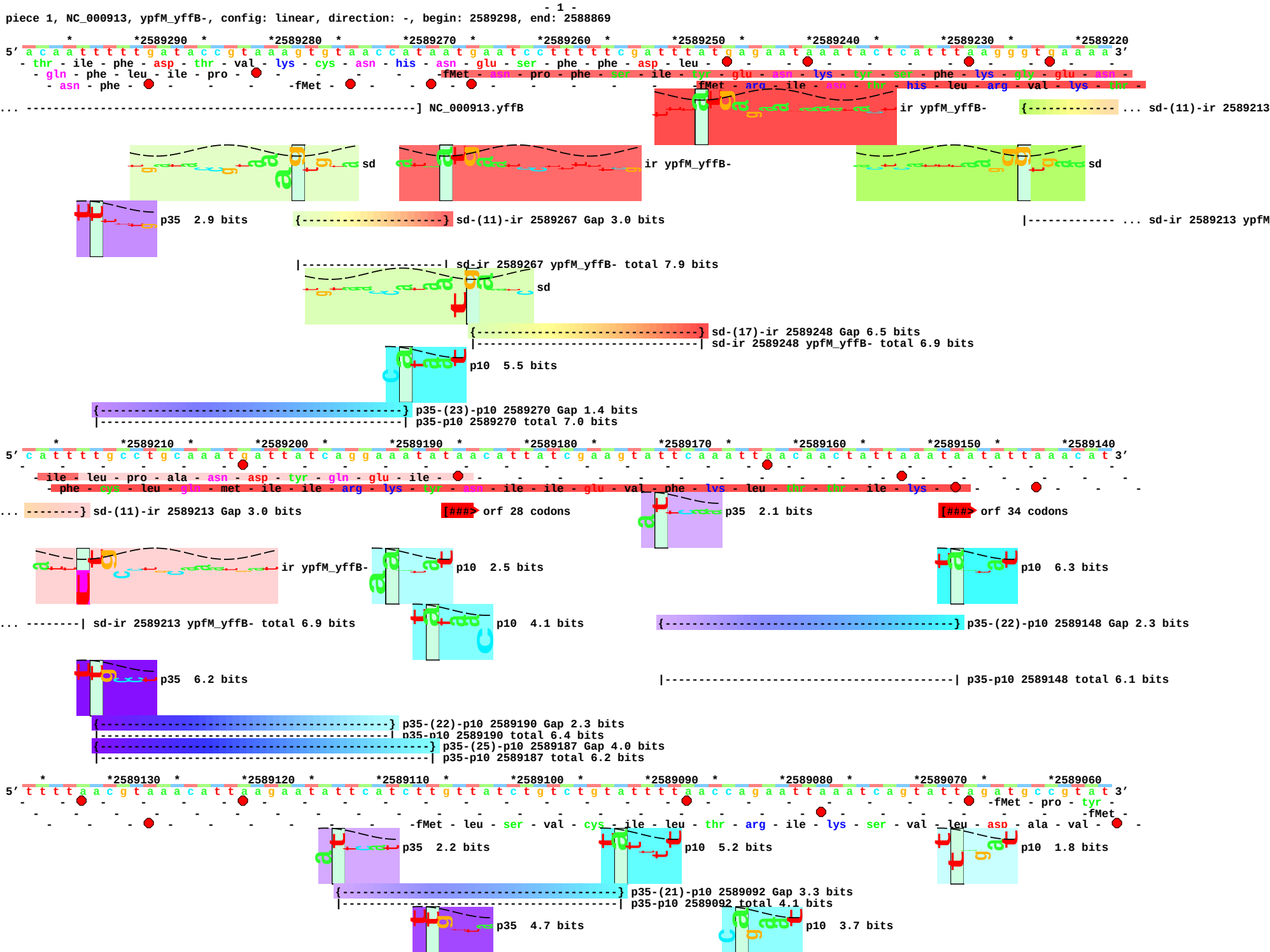
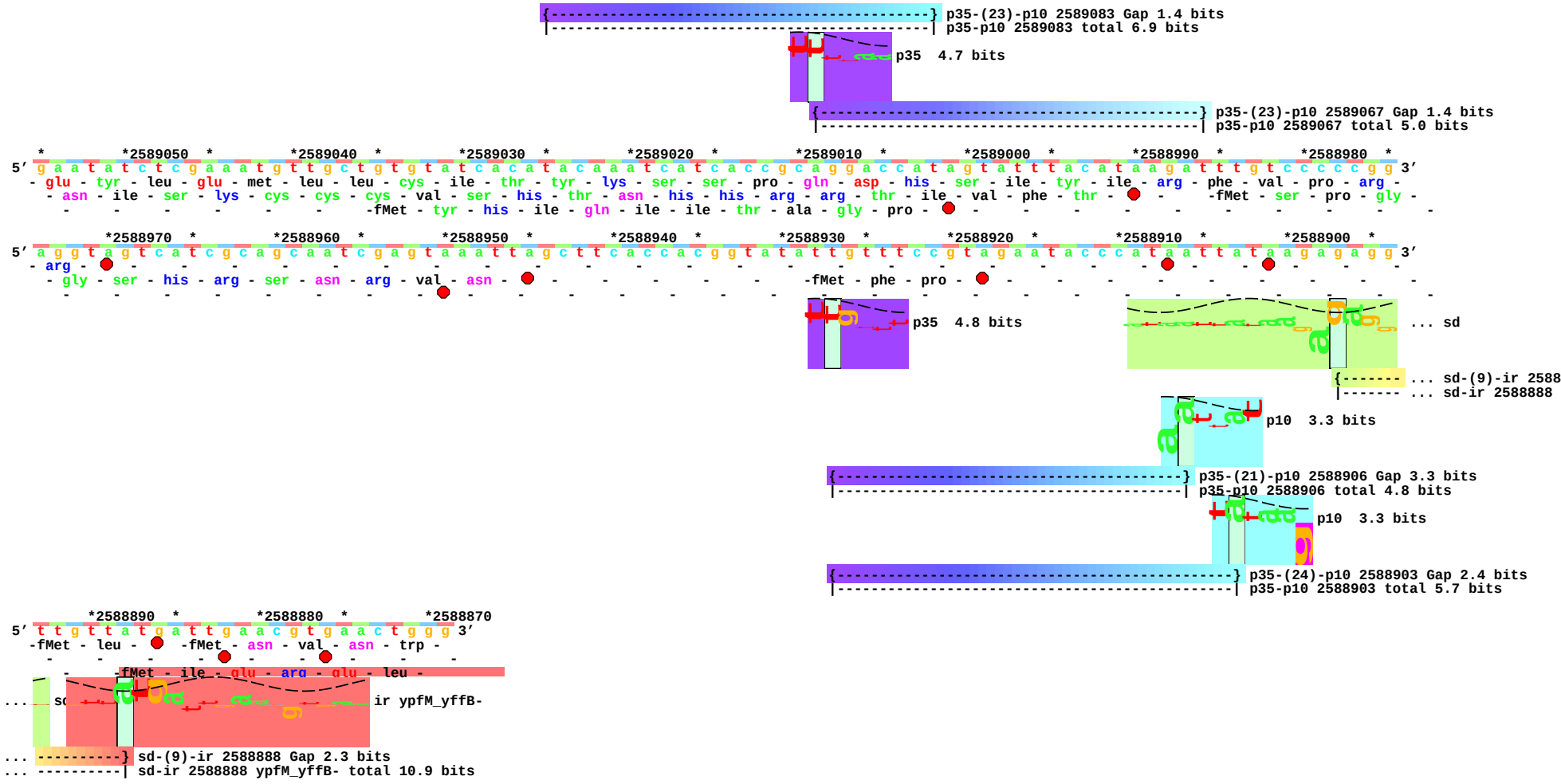

piece 1, NC_000913, ypfM_yffB-, config: linear, direction: -, begin: 2589298, end: 2588869
*2589290 *2589280 *2589270 *2589260 *2589250 *2589240 *2589230 *2589220
5′ a c a a t t t t t g a t a c c g t a a a g t g t a a c c a t a t g a a t c c t t t t t c g a t t t a t g a g a a t a a a t a c t c a t t t a a g g g t g a a a a 3′
- thr - ile - phe - asp - thr - val - lys - cys - asn - his - asn - glu - ser - phe - phe - asp - leu -
- gln - phe - leu - ile - pro - -fMet - asn - pro - phe - ser - ile - tyr - glu - asn - lys - tyr - ser - phe - lys - gly - glu - asn -
- asn - phe - -fMet - -fMet - arg - ile - asn - thr - his - leu - arg - val - lys - thr -
... ----------] NC_000913.yffB
ir ypfM_yffB-
{---------- ... sd-(11)-ir 2589213
sd
ir ypfM_yffB-
sd
p35 2.9 bits
{----------} sd-(11)-ir 2589267 Gap 3.0 bits
|---------- ... sd-ir 2589213 ypfM
|----------| sd-ir 2589267 ypfM_yffB- total 7.9 bits
sd
{----------} sd-(17)-ir 2589248 Gap 6.5 bits
|----------| sd-ir 2589248 ypfM_yffB- total 6.9 bits
p10 5.5 bits
{----------} p35-(23)-p10 2589270 Gap 1.4 bits
|----------| p35-p10 2589270 total 7.0 bits
*2589210 *2589200 *2589190 *2589180 *2589170 *2589160 *2589150 *2589140
5′ c a t t t t g c c t g c a a a t g a t t a t c a g g a a a t a t a a c a t t a t c g a a g t a t t c a a a t t a a c a a c t a t t a a a t a a t a t t a a a c a t 3′
- ile - leu - pro - ala - asn - asp - tyr - gln - glu - ile -
- phe - cys - leu - gln - met - ile - ile - arg - lys - tyr - asn - ile - ile - glu - val - phe - lys - leu - thr - thr - ile - lys -
... --------} sd-(11)-ir 2589213 Gap 3.0 bits
[###> orf 28 codons
p35 2.1 bits
[###> orf 34 codons
ir ypfM_yffB-
p10 2.5 bits
p10 6.3 bits
... --------| sd-ir 2589213 ypfM_yffB- total 6.9 bits
p10 4.1 bits
{----------} p35-(22)-p10 2589148 Gap 2.3 bits
p35 6.2 bits
|----------| p35-p10 2589148 total 6.1 bits
{----------} p35-(22)-p10 2589190 Gap 2.3 bits
|----------| p35-p10 2589190 total 6.4 bits
{----------} p35-(25)-p10 2589187 Gap 4.0 bits
|----------| p35-p10 2589187 total 6.2 bits
*2589130 *2589120 *2589110 *2589100 *2589090 *2589080 *2589070 *2589060
5′ t t t t a a c g t a a a c a t t a a g a a t a t t c a t c t t g t t a t c t g t c t g t a t t t t a a c c a g a a t t a a a t c a g t a t t a g a t g c c g t a t 3′
-fMet - pro - tyr -
-fMet -
-fMet - leu - ser - val - cys - ile - leu - thr - arg - ile - lys - ser - val - leu - asp - ala - val -
p35 2.2 bits
p10 5.2 bits
p10 1.8 bits
{----------} p35-(21)-p10 2589092 Gap 3.3 bits
|----------| p35-p10 2589092 total 4.1 bits
p35 4.7 bits
p10 3.7 bits


p35-(23)-p10 2589083 Gap 1.4 bits
p35-p10 2589083 total 6.9 bits
p35 4.7 bits
p35-(23)-p10 2589067 Gap 1.4 bits
p35-p10 2589067 total 5.0 bits
5′ g a a t a t c c t c g a a a t g t t g c t g t g t a t c a c a t a c a a a t c a t c a c c g c a g g a c c a t a g t a t t t a c a t a a g a t t t g t c c c c c g g 3′
- glu - tyr - leu - glu - met - leu - leu - cys - ile - thr - tyr - lys - ser - ser - pro - gln - asp - his - ser - ile - tyr - ile - arg - phe - val - pro - arg -
- asn - ile - ser - lys - cys - cys - cys - val - ser - his - thr - asn - his - his - arg - arg - thr - ile - val - phe - thr - - -fMet - ser - pro - gly -
-fMet - tyr - his - ile - gln - ile - ile - thr - ala - gly - pro -
5′ a g g t a g t c a t c g c a g c a a t c g a g t a a a t t a g c t t c a c c a c g g t a t a t t g t t t c c g t a g a a t a c c c a t a a t t a t a a g a g a g g 3′
- arg -
- gly - ser - his - arg - ser - asn - arg - val - asn -
-fMet - phe - pro -
p35 4.8 bits
... sd
{------- ... sd-(9)-ir 2588
|------- ... sd-ir 2588888
p10 3.3 bits
p35-(21)-p10 2588906 Gap 3.3 bits
p35-p10 2588906 total 4.8 bits
p10 3.3 bits
p35-(24)-p10 2588903 Gap 2.4 bits
p35-p10 2588903 total 5.7 bits
5′ t t g t t a t g a t t g a a c g t g a a c t g g g 3′
-fMet - leu - -fMet - asn - val - asn - trp -
- -fMet - ile - glu - arg - glu - leu -
... sd ir ypfM_yffB-
... ----------} sd-(9)-ir 2588888 Gap 2.3 bits
... ----------| sd-ir 2588888 ypfM_yffB- total 10.9 bits