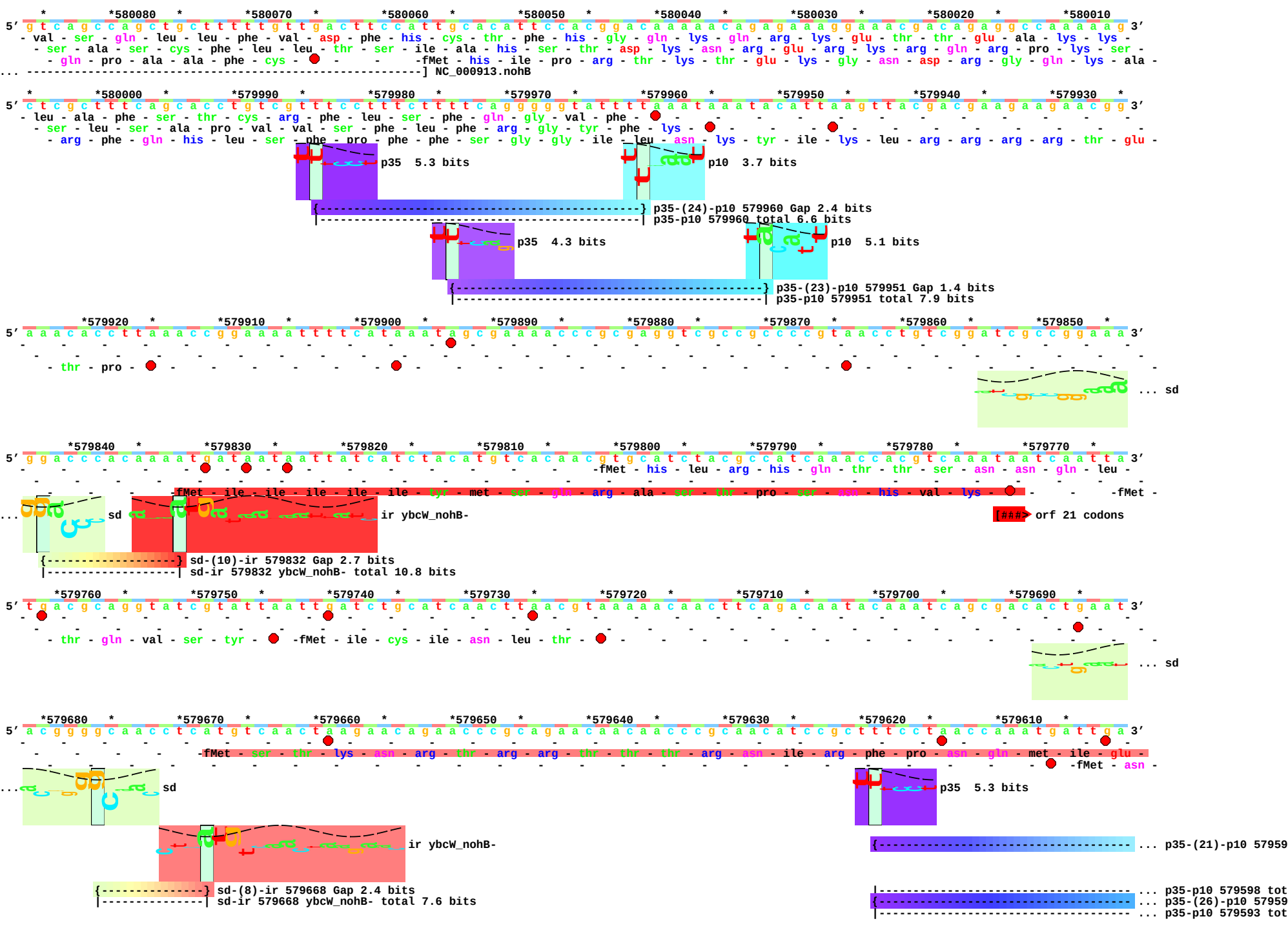
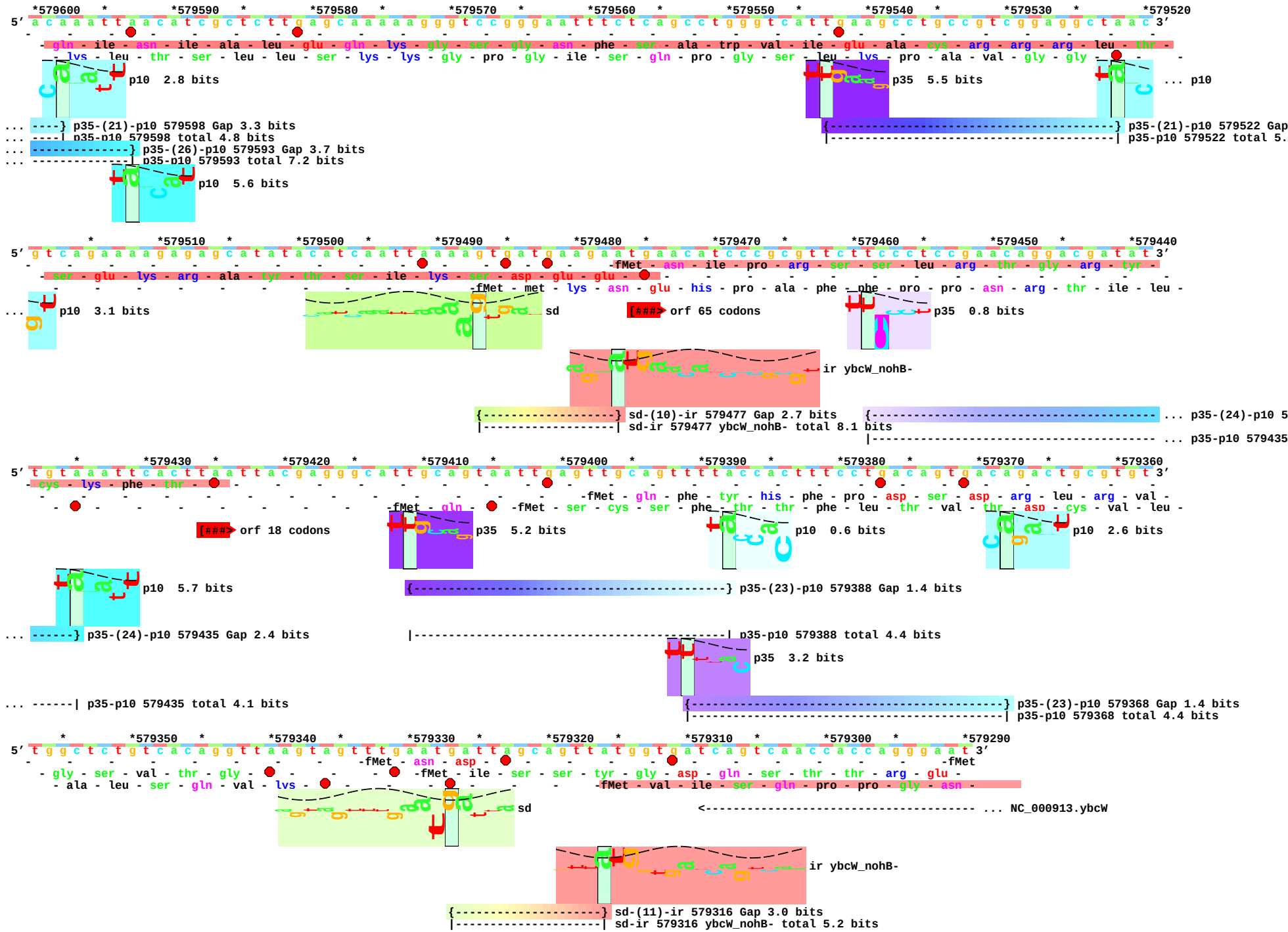
piece 1, NC_000913, ybcW_nohB-, config: linear, direction: -, begin: 580086, end: 579290




*579600 *579590 *579580 *579570 *579560 *579550 *579540 *579530 *579520
5′ a c a a a t t a a c a t c g c t c t t g a g c a a a a a g g g t c c g g g a a t t t c t c a g c c t g g g t c a t t g a a g c c t g c c g t c g g a g g c t a a c 3′
- gln - ile - asn - ile - ala - leu - glu - gln - lys - gly - ser - gly - asn - phe - ser - ala - trp - val - ile - glu - ala - cys - arg - arg - arg - leu - thr -
- lys - leu - thr - ser - leu - leu - ser - lys - lys - gly - pro - gly - ile - ser - gln - pro - gly - ser - leu - lys - pro - ala - val - gly - gly -
p10 2.8 bits
p35 5.5 bits
... p10
... ----} p35-(21)-p10 579598 Gap 3.3 bits
... ----| p35-p10 579598 total 4.8 bits
... ----------} p35-(26)-p10 579593 Gap 3.7 bits
... ----------| p35-p10 579593 total 7.2 bits
p10 5.6 bits
{----------} p35-(21)-p10 579522 Gap
|----------| p35-p10 579522 total 5.
*579510 *579500 *579490 *579480 *579470 *579460 *579450 *579440
5′ g t c a g a a a a g a g a g c a t a t a c a t c a a t t a a a a g t g a t g a a g a a t g a a c a t c c c g c g t t c t t c c c t c c g a a c a g g a c g a t a t 3′
- ser - glu - lys - arg - ala - tyr - thr - ser - ile - lys - ser - asp - glu - glu -
-fMet - asn - ile - pro - arg - ser - ser - leu - arg - thr - gly - arg - tyr -
-fMet - met - lys - asn - glu - his - pro - ala - phe - phe - pro - pro - asn - arg - thr - ile - leu -
... p10 3.1 bits
sd
[###> orf 65 codons
p35 0.8 bits
ir ybcW_nohB-
{----------} sd-(10)-ir 579477 Gap 2.7 bits
|----------| sd-ir 579477 ybcW_nohB- total 8.1 bits
{---------- ... p35-(24)-p10 5
|---------- ... p35-p10 579435
*579430 *579420 *579410 *579400 *579390 *579380 *579370 *579360
5′ t g t a a a t t c a c t t a a t t a c g a g g g c a t t g c a g t a a t t g a g t t g c a g t t t t a c c a c t t t c c t g a c a g t g a c a g a c t g c g t g t 3′
- cys - lys - phe - thr -
-fMet - gln - phe - tyr - his - phe - pro - asp - ser - asp - arg - leu - arg - val -
-fMet - gln -
-fMet - ser - cys - ser - phe - thr - thr - phe - leu - thr - val - thr - asp - cys - val - leu -
[###> orf 18 codons
p35 5.2 bits
p10 0.6 bits
p10 2.6 bits
p10 5.7 bits
{---------- p35-(23)-p10 579388 Gap 1.4 bits
... ------} p35-(24)-p10 579435 Gap 2.4 bits
|---------- p35-p10 579388 total 4.4 bits
p35 3.2 bits
... ------| p35-p10 579435 total 4.1 bits
{----------} p35-(23)-p10 579368 Gap 1.4 bits
|----------| p35-p10 579368 total 4.4 bits
*579350 *579340 *579330 *579320 *579310 *579300 *579290
5′ t g g c t c t g t c a c a g g t t a a g t a g t t t g a a t g a t t a g c a g t t a t g g t g a t c a g t c a a c c a c c a g g g a a t 3′
- gly - ser - val - thr - gly -
-fMet - asn - asp -
-fMet - ile - ser - ser - tyr - gly - asp - gln - ser - thr - thr - arg - glu -
-fMet
- ala - leu - ser - gln - val - lys -
-fMet - val - ile - ser - gln - pro - pro - gly - asn -
sd
<---------- ... NC_000913.ybcW
ir ybcW_nohB-
{----------} sd-(11)-ir 579316 Gap 3.0 bits
|----------| sd-ir 579316 ybcW_nohB- total 5.2 bits