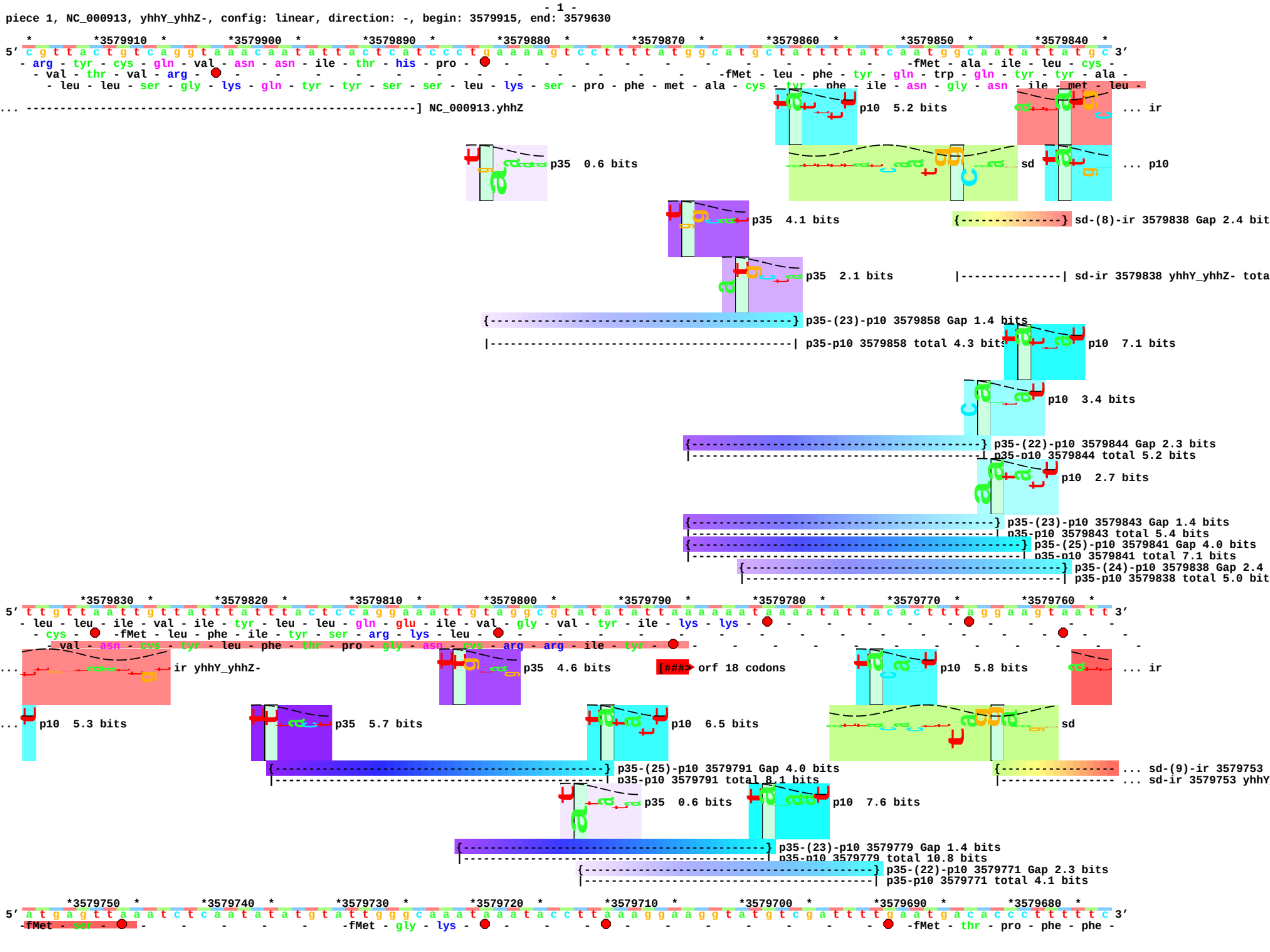
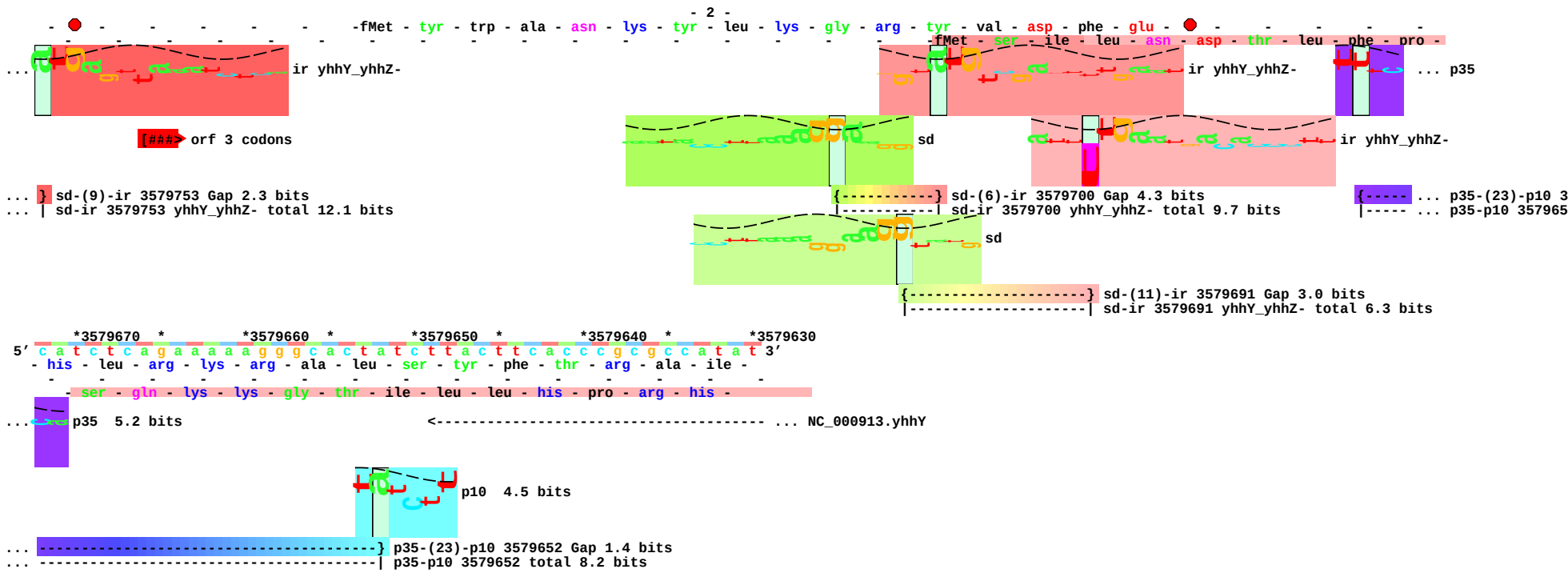

piece 1, NC_000913, yhhY_yhhZ-, config: linear, direction: -, begin: 3579915, end: 3579630
*3579910 *3579900 *3579890 *3579880 *3579870 *3579860 *3579850 *3579840 *
5' c g t t a c t g t c a g g t a a a c a a t a t t a c t c a t c c t g a a a a g t c c t t t t a t g g c a t g c t a t t t t a t c a a t g g c a a t a t t a t g c 3'
- arg - tyr - cys - gln - val - asn - asn - ile - thr - his - pro - -fMet - ala - ile - leu - cys -
- val - thr - val - arg - -fMet - leu - phe - tyr - gln - trp - gln - tyr - tyr - ala -
- leu - leu - ser - gly - lys - gln - tyr - tyr - ser - ser - leu - lys - ser - pro - phe - met - ala - cys - tyr - phe - ile - asn - gly - asn - ile - met - leu -
... ----------] NC_000913.yhhZ
p10 5.2 bits ... ir
p35 0.6 bits sd ... p10
p35 4.1 bits {----------} sd-(8)-ir 3579838 Gap 2.4 bit
p35 2.1 bits |----------| sd-ir 3579838 yhhY_yhhZ- tota
{----------} p35-(23)-p10 3579858 Gap 1.4 bits
|----------| p35-p10 3579858 total 4.3 bits
p10 7.1 bits
p10 3.4 bits
{----------} p35-(22)-p10 3579844 Gap 2.3 bits
|----------| p35-p10 3579844 total 5.2 bits
p10 2.7 bits
{----------} p35-(23)-p10 3579843 Gap 1.4 bits
|----------| p35-p10 3579843 total 5.4 bits
{----------} p35-(25)-p10 3579841 Gap 4.0 bits
|----------| p35-p10 3579841 total 7.1 bits
{----------} p35-(24)-p10 3579838 Gap 2.4
|----------| p35-p10 3579838 total 5.0 bit
*3579830 *3579820 *3579810 *3579800 *3579790 *3579780 *3579770 *3579760 *
5' t t g t t a a t t g t t a t t t a t t t a c t c c a g g a a a t t g t a g c g t a t a t t a a a a a a t a a a a t a t t a c a c t t t a g g a a g t a a t t 3'
- leu - leu - ile - val - ile - tyr - leu - leu - gln - glu - ile - val - gly - val - tyr - ile - lys - lys -
- cys - -fMet - leu - phe - ile - tyr - ser - arg - lys - leu -
- val - asn - cys - tyr - leu - phe - thr - pro - gly - asn - cys - arg - arg - ile - tyr -
... ir yhhY_yhhZ- p35 4.6 bits [###> orf 18 codons p10 5.8 bits ... ir
... p10 5.3 bits p35 5.7 bits p10 6.5 bits sd
{----------} p35-(25)-p10 3579791 Gap 4.0 bits
|----------| p35-p10 3579791 total 8.1 bits
{---------- ... sd-(9)-ir 3579753
|---------- ... sd-ir 3579753 yhhY
p35 0.6 bits p10 7.6 bits
{----------} p35-(23)-p10 3579779 Gap 1.4 bits
|----------| p35-p10 3579779 total 10.8 bits
{----------} p35-(22)-p10 3579771 Gap 2.3 bits
|----------| p35-p10 3579771 total 4.1 bits
*3579750 *3579740 *3579730 *3579720 *3579710 *3579700 *3579690 *3579680 *
5' a t g a g t t a a a t c t c a a t a t a t g t a t t g g g c a a a t a a a t a c c t t a a a g g a a g g t a t g t c g a t t t t g a a t g a c a c c c t t t t t c 3'
-fMet - ser - -fMet - gly - lys - -fMet - thr - pro - phe - phe -


- 2 -
-fMet - tyr - trp - ala - asn - lys - tyr - leu - lys - gly - arg - tyr - val - asp - phe - glu -
-fMet - ser - ile - leu - asn - asp - thr - leu - phe - pro -
... ir yhhY_yhhZ-
ir yhhY_yhhZ-
... p35
[###> orf 3 codons
sd
ir yhhY_yhhZ-
... } sd-(9)-ir 3579753 Gap 2.3 bits
... | sd-ir 3579753 yhhY_yhhZ- total 12.1 bits
{----------} sd-(6)-ir 3579700 Gap 4.3 bits
|----------| sd-ir 3579700 yhhY_yhhZ- total 9.7 bits
{----- ... p35-(23)-p10 3
|----- ... p35-p10 357965
sd
{--------------------} sd-(11)-ir 3579691 Gap 3.0 bits
|--------------------| sd-ir 3579691 yhhY_yhhZ- total 6.3 bits
*3579670 *3579660 *3579650 *3579640 *3579630
5' c a t c t c a g a a a a a g g g c a c t a t c t t a c t t c a c c c g c g c c a t a t 3'
- his - leu - arg - lys - arg - ala - leu - ser - tyr - phe - thr - arg - ala - ile -
- ser - gln - lys - lys - gly - thr - ile - leu - leu - his - pro - arg - his -
... p35 5.2 bits
<------------------------------------ ... NC_000913.yhhY
p10 4.5 bits
... ----------------------------------------} p35-(23)-p10 3579652 Gap 1.4 bits
... ----------------------------------------| p35-p10 3579652 total 8.2 bits