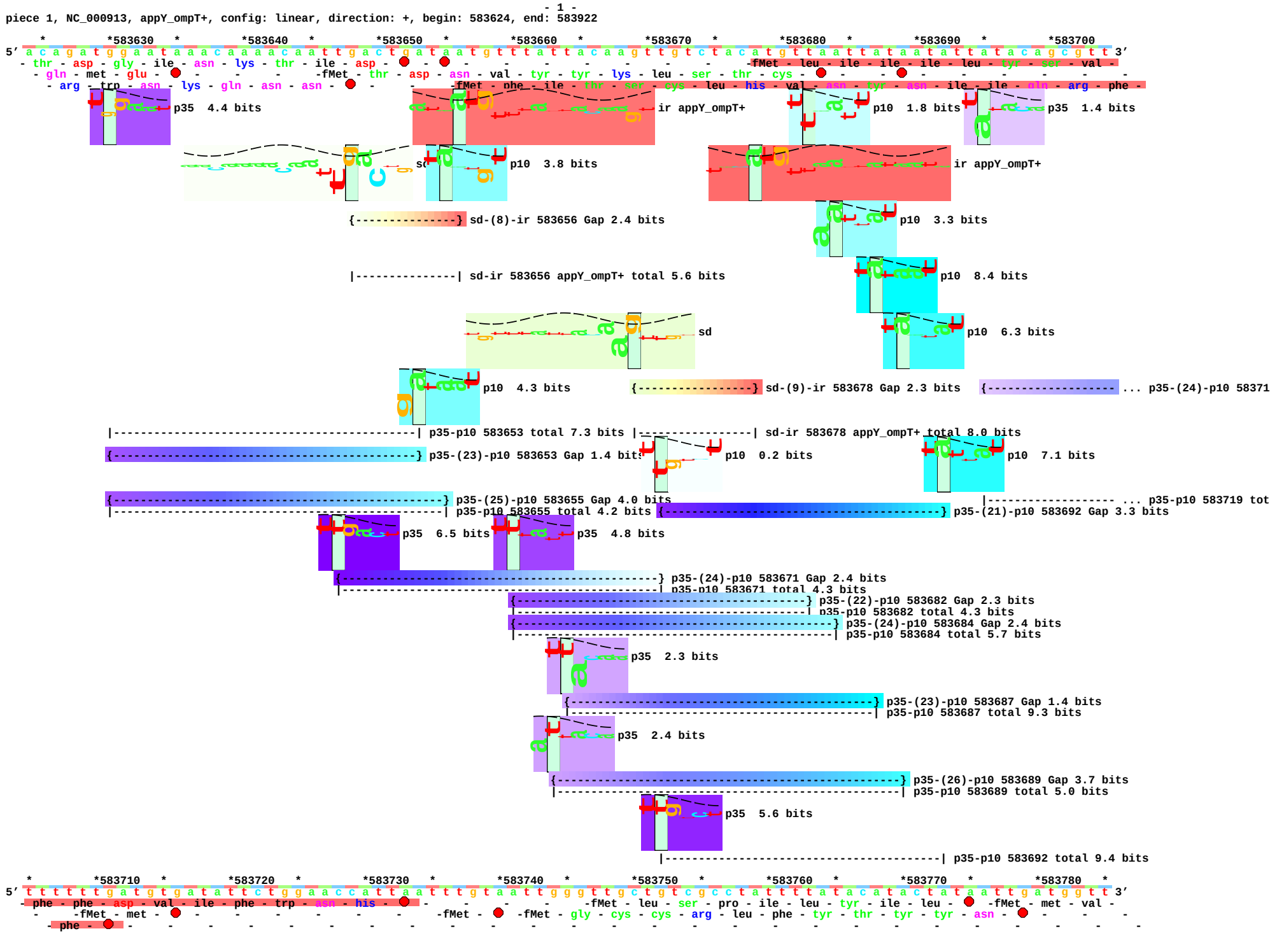
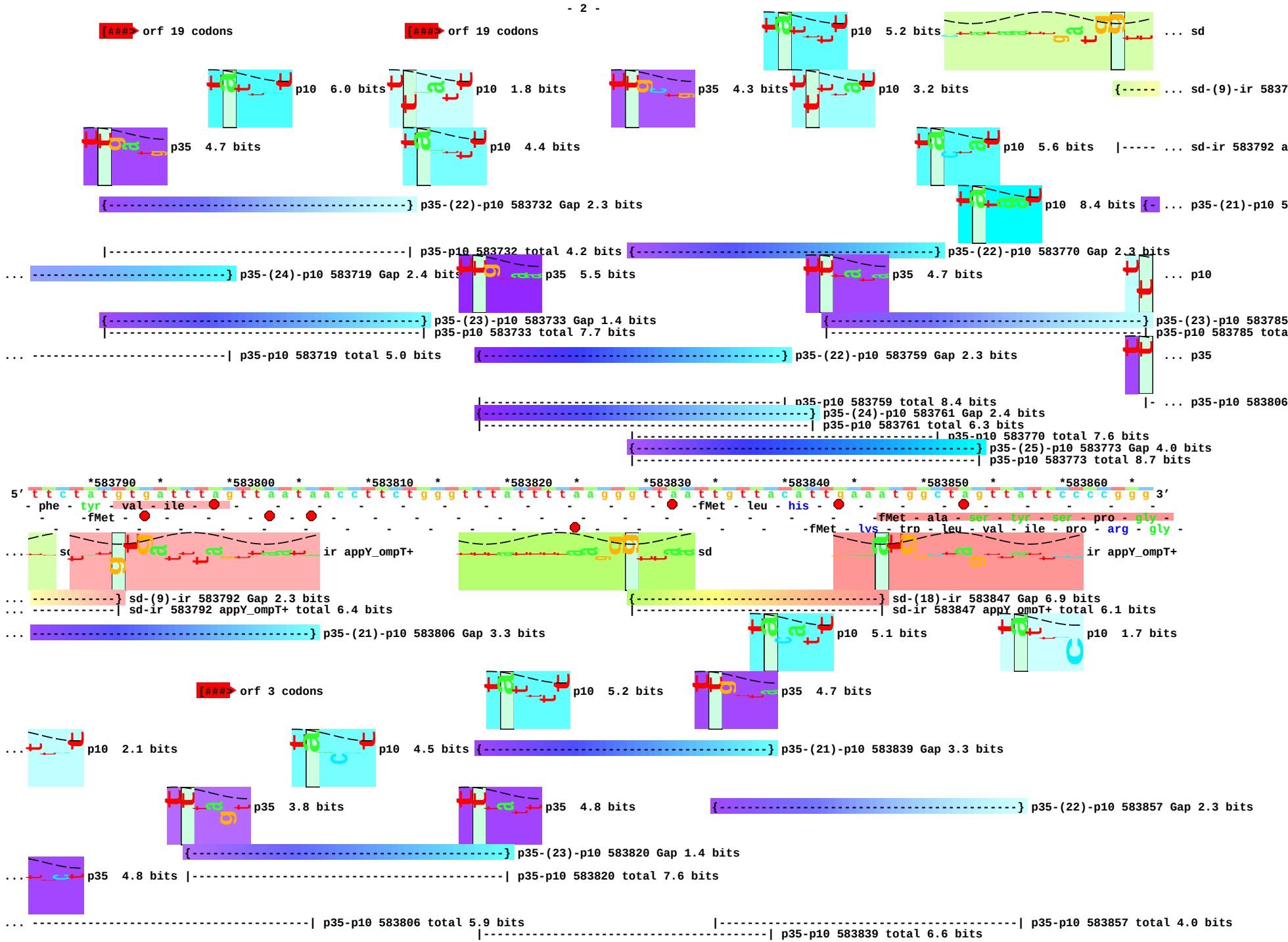
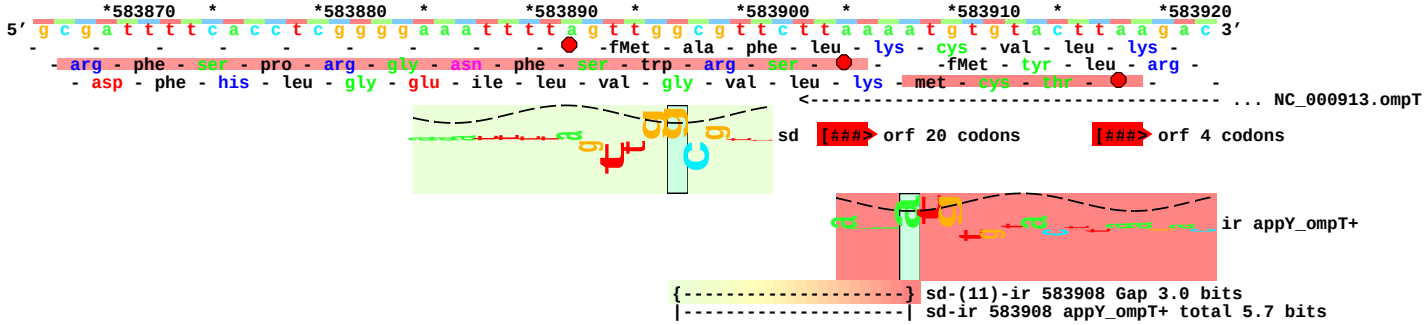
piece 1, NC_000913, appY_ompT+, config: linear, direction: +, begin: 583624, end: 583922




[###> orf 19 codons
[###> orf 19 codons
p10 5.2 bits
... sd
p10 6.0 bits
p10 1.8 bits
p35 4.3 bits
p10 3.2 bits
{----- ... sd-(9)-ir 5837
p35 4.7 bits
p10 4.4 bits
p10 5.6 bits
|----- ... sd-ir 583792 a
{----------} p35-(22)-p10 583732 Gap 2.3 bits
p10 8.4 bits
{- ... p35-(21)-p10 5
|----------| p35-p10 583732 total 4.2 bits
{----------} p35-(22)-p10 583770 Gap 2.3 bits
... {----------} p35-(24)-p10 583719 Gap 2.4 bits
p35 5.5 bits
p35 4.7 bits
... p10
{----------} p35-(23)-p10 583733 Gap 1.4 bits
|----------| p35-p10 583733 total 7.7 bits
{----------} p35-(23)-p10 583785
|----------| p35-p10 583785 tota
... |----------| p35-p10 583719 total 5.0 bits
{----------} p35-(22)-p10 583759 Gap 2.3 bits
... p35
|----------| p35-p10 583759 total 8.4 bits
|- ... p35-p10 583806
{----------} p35-(24)-p10 583761 Gap 2.4 bits
|----------| p35-p10 583761 total 6.3 bits
|----------| p35-p10 583770 total 7.6 bits
{----------} p35-(25)-p10 583773 Gap 4.0 bits
|----------| p35-p10 583773 total 8.7 bits
*583790 * *583800 * *583810 * *583820 * *583830 * *583840 * *583850 * *583860 *
5' t t c t a t g t g a t t t a g t t a a t a a c c t t c t g g g t t t a t t t t a a g g g t t a a t t g t t a c a t t g a a a t g g c t a g t t a t t c c c c g g g 3'
- phe - tyr - val - ile - -fMet - leu - his -
-fMet - ala - ser - tyr - ser - pro - gly -
-fMet - lys - trp - leu - val - ile - pro - arg - gly -
... sd ir appY_ompT+
sd
ir appY_ompT+
... ----------} sd-(9)-ir 583792 Gap 2.3 bits
... ----------| sd-ir 583792 appY_ompT+ total 6.4 bits
{----------} sd-(18)-ir 583847 Gap 6.9 bits
|----------| sd-ir 583847 appY_ompT+ total 6.1 bits
... {----------} p35-(21)-p10 583806 Gap 3.3 bits
p10 5.1 bits
p10 1.7 bits
[###> orf 3 codons
p10 5.2 bits
p35 4.7 bits
... p10 2.1 bits
p10 4.5 bits
{----------} p35-(21)-p10 583839 Gap 3.3 bits
p35 3.8 bits
p35 4.8 bits
{----------} p35-(22)-p10 583857 Gap 2.3 bits
{----------} p35-(23)-p10 583820 Gap 1.4 bits
... p35 4.8 bits |----------| p35-p10 583820 total 7.6 bits
... |----------| p35-p10 583806 total 5.9 bits
|----------| p35-p10 583857 total 4.0 bits
|----------| p35-p10 583839 total 6.6 bits


*583870 * *583880 * *583890 * *583900 * *583910 * *583920
5′ g c g a t t t t c a c c t c g g g g a a a t t t t a g t t g g c g t t c t t a a a a t g t g t a c t t a a g a c 3′
-fMet - ala - phe - leu - lys - cys - val - leu - lys -
arg - phe - ser - pro - arg - gly - asn - phe - ser - trp - arg - ser -
-fMet - tyr - leu - arg -
asp - phe - his - leu - gly - glu - ile - leu - val - gly - val - leu - lys - met - cys - thr -
<---------- ... NC_000913.ompT
sd [###> orf 20 codons [###> orf 4 codons
ir appY_ompT+
{----------} sd-(11)-ir 583908 Gap 3.0 bits
|----------| sd-ir 583908 appY_ompT+ total 5.7 bits