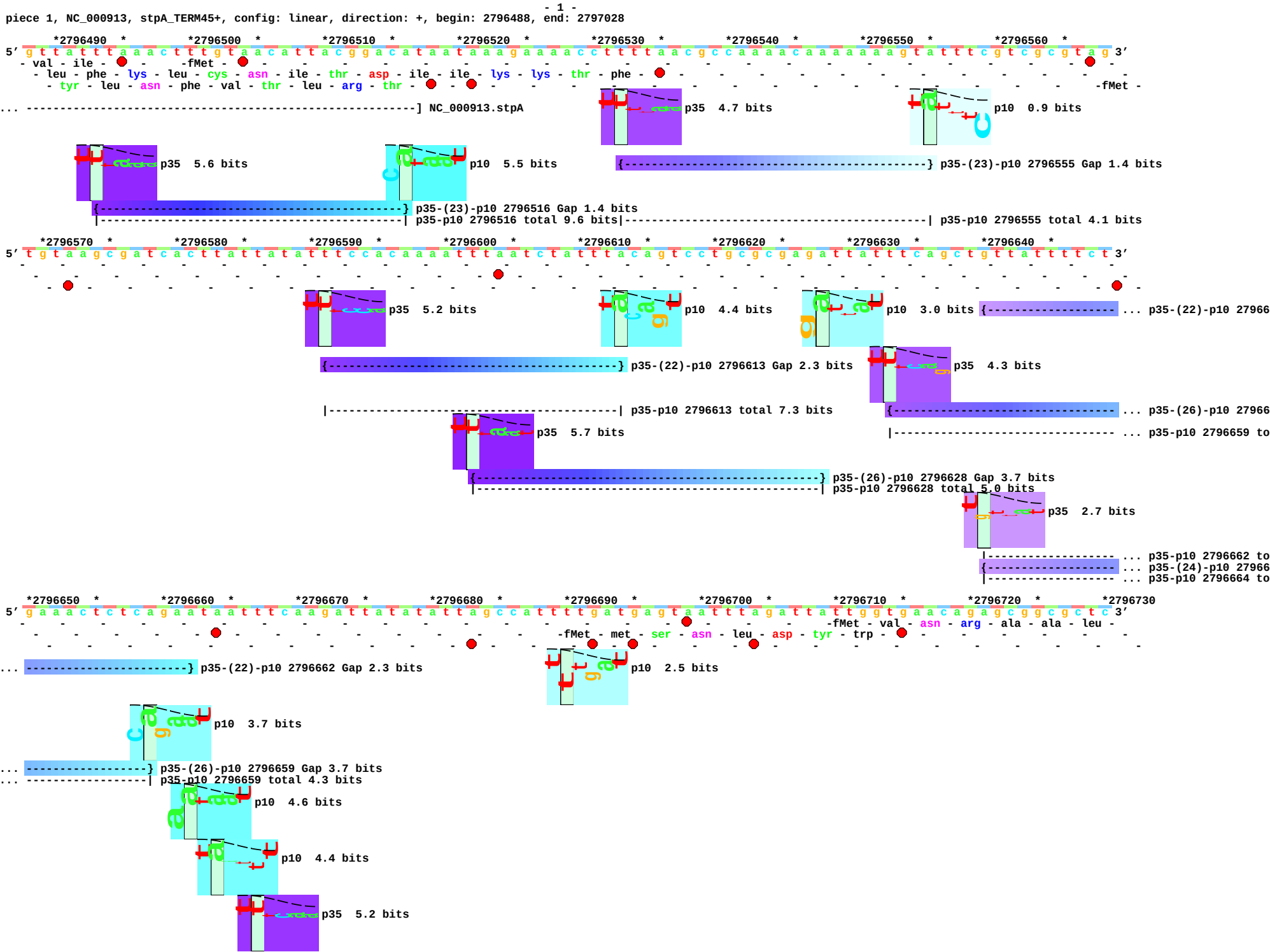
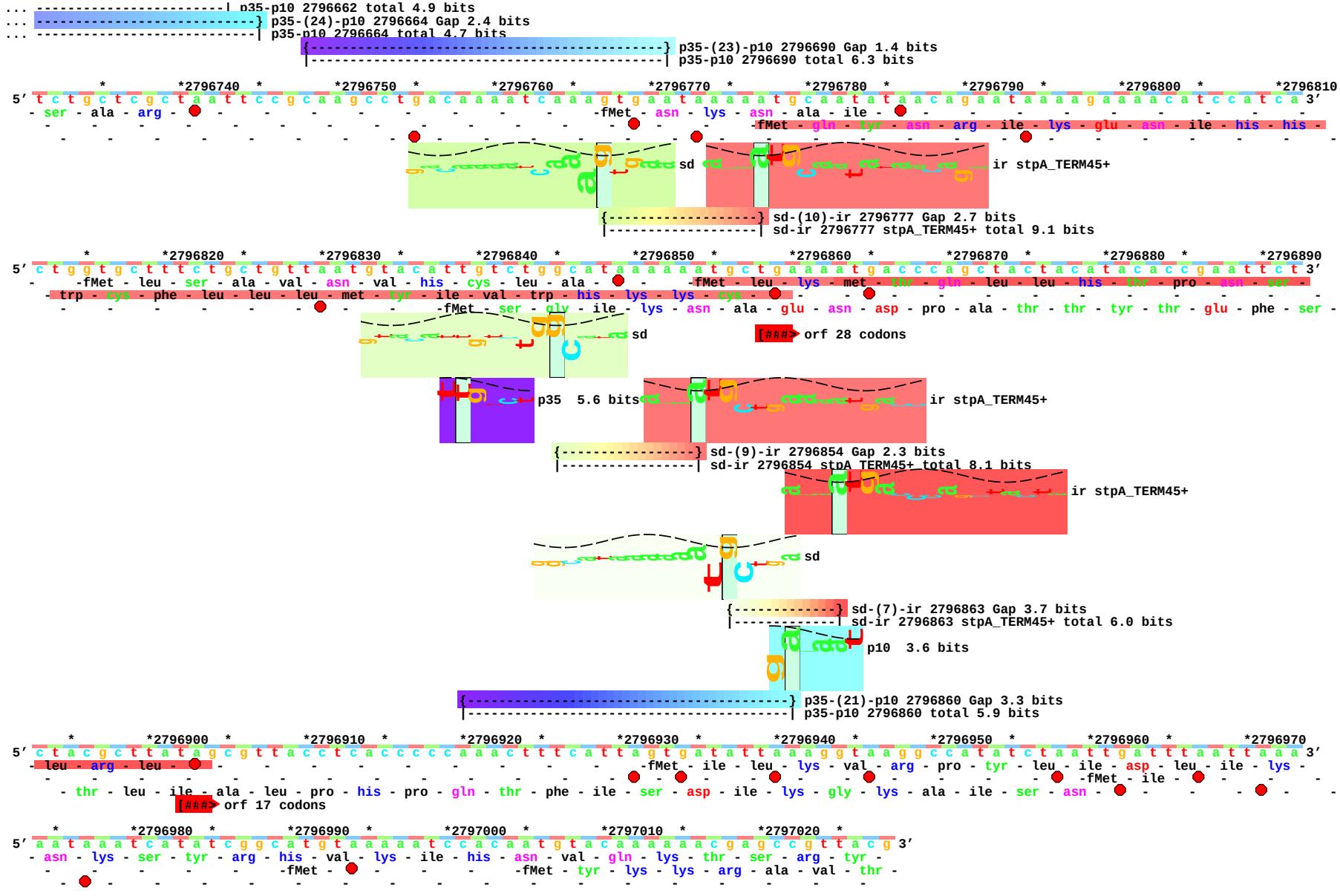

piece 1, NC_000913, stpA_TERM45+, config: linear, direction: +, begin: 2796488, end: 2797028
*2796490 *2796500 *2796510 *2796520 *2796530 *2796540 *2796550 *2796560 *
5′ g t t a t t t a a a c t t t g t a a c a t t a c g g a c a t a a t a a a g a a a a c c t t t t a a c g c c a a a a c a a a a a a a g t a t t t c g t c g c g t a g 3′
- val - ile - -fMet - - leu - phe - lys - leu - cys - asn - ile - thr - asp - ile - ile - lys - lys - thr - phe - tyr - leu - asn - phe - val - thr - leu - arg - thr - -fMet -
...] NC_000913.stpA
p35 4.7 bits
p10 0.9 bits
p35 5.6 bits
p10 5.5 bits
} p35-(23)-p10 2796555 Gap 1.4 bits
} p35-(23)-p10 2796516 Gap 1.4 bits
| p35-p10 2796516 total 9.6 bits|
| p35-p10 2796555 total 4.1 bits
*2796570 *2796580 *2796590 *2796600 *2796610 *2796620 *2796630 *2796640 *
5′ t g t a a g c g a t c a c t t a t t a t a t t t c c a c a a a a t t t a a t c t a t t t a c a g t c c t g c g c g a g a t t a t t t c a g c t g t t a t t t t c t 3′
p35 5.2 bits
p10 4.4 bits
p10 3.0 bits
... p35-(22)-p10 27966
} p35-(22)-p10 2796613 Gap 2.3 bits
p35 4.3 bits
| p35-p10 2796613 total 7.3 bits
... p35-(26)-p10 27966
p35 5.7 bits
... p35-p10 2796659 to
} p35-(26)-p10 2796628 Gap 3.7 bits
| p35-p10 2796628 total 5.0 bits
p35 2.7 bits
... p35-p10 2796662 to
... p35-(24)-p10 27966
... p35-p10 2796664 to
*2796650 *2796660 *2796670 *2796680 *2796690 *2796700 *2796710 *2796720 *2796730
5′ g a a a c t c t c a g a a t a a t t t c a a g a t t a t a t a t t a g c c a t t t t g a t g a g t a a t t t a g a t t a t t g g t g a a c a g a g c g g c g c t c 3′
-fMet - val - asn - arg - ala - ala - leu - -fMet - met - ser - asn - leu - asp - tyr - trp -
... } p35-(22)-p10 2796662 Gap 2.3 bits
p10 2.5 bits
p10 3.7 bits
... } p35-(26)-p10 2796659 Gap 3.7 bits
... | p35-p10 2796659 total 4.3 bits
p10 4.6 bits
p10 4.4 bits
p35 5.2 bits


... ----------| p35-p10 2796662 total 4.9 bits
... ----------} p35-(24)-p10 2796664 Gap 2.4 bits
... ----------| p35-p10 2796664 total 4.7 bits
{----------} p35-(23)-p10 2796690 Gap 1.4 bits
|----------| p35-p10 2796690 total 6.3 bits
5′ t c t g c t c g c t a a t t c c g c a a g c c t g a c a a a a t c a a a g t g a a t a a a a a t g c a a t a t a a c a g a a t a a a a g a a a a c a t c c a t c a 3′
- ser - ala - arg - fMet - asn - lys - asn - ala - ile -
- fMet - gln - tyr - asn - arg - ile - lys - glu - asn - ile - his - his -
sd
ir stpA_TERM45+
{----------} sd-(10)-ir 2796777 Gap 2.7 bits
|----------| sd-ir 2796777 stpA_TERM45+ total 9.1 bits
5′ c t g g t g c t t c t g c t g t t a a t g t a c a t t g t c t g g c a t a a a a a t g c t g a a a a t g a c c c a g c t a c t a c a t a c a c c g a a t t c t 3′
- fMet - leu - ser - ala - val - asn - val - his - cys - leu - ala - fMet - leu - lys - met - thr - gln - leu - leu - his - thr - pro - asn - ser -
- trp - cys - phe - leu - leu - leu - met - tyr - ile - val - trp - his - lys - lys - cys - fMet - ser - gly - ile - lys - asn - ala - glu - asn - asp - pro - ala - thr - thr - tyr - thr - glu - phe - ser -
sd
[###> orf 28 codons
p35 5.6 bits
ir stpA_TERM45+
{----------} sd-(9)-ir 2796854 Gap 2.3 bits
|----------| sd-ir 2796854 stpA_TERM45+ total 8.1 bits
ir stpA_TERM45+
sd
{----------} sd-(7)-ir 2796863 Gap 3.7 bits
|----------| sd-ir 2796863 stpA_TERM45+ total 6.0 bits
p10 3.6 bits
{----------} p35-(21)-p10 2796860 Gap 3.3 bits
|----------| p35-p10 2796860 total 5.9 bits
5′ c t a c g c t t a t a g c g t t a c c t c a c c c c c a a a c t t t c a t t a g t g a t a t t a a a g g t a a g g c c a t a t c t a a t t g a t t t a a t t a a a 3′
- leu - arg - leu - fMet - ile - leu - lys - val - arg - pro - tyr - leu - ile - asp - leu - ile - lys -
- thr - leu - ile - ala - leu - pro - his - pro - gln - thr - phe - ile - ser - asp - ile - lys - gly - lys - ala - ile - ser - asn - fMet - ile -
[###> orf 17 codons
5′ a a t a a a t c a t a t c g g c a t g t a a a a a t c c a c a a t g t a c a a a a a a c g a g c c g t t a c g 3′
- asn - lys - ser - tyr - arg - his - val - lys - ile - his - asn - val - gln - lys - thr - ser - arg - tyr -
fMet - fMet - tyr - lys - lys - arg - ala - val - thr -