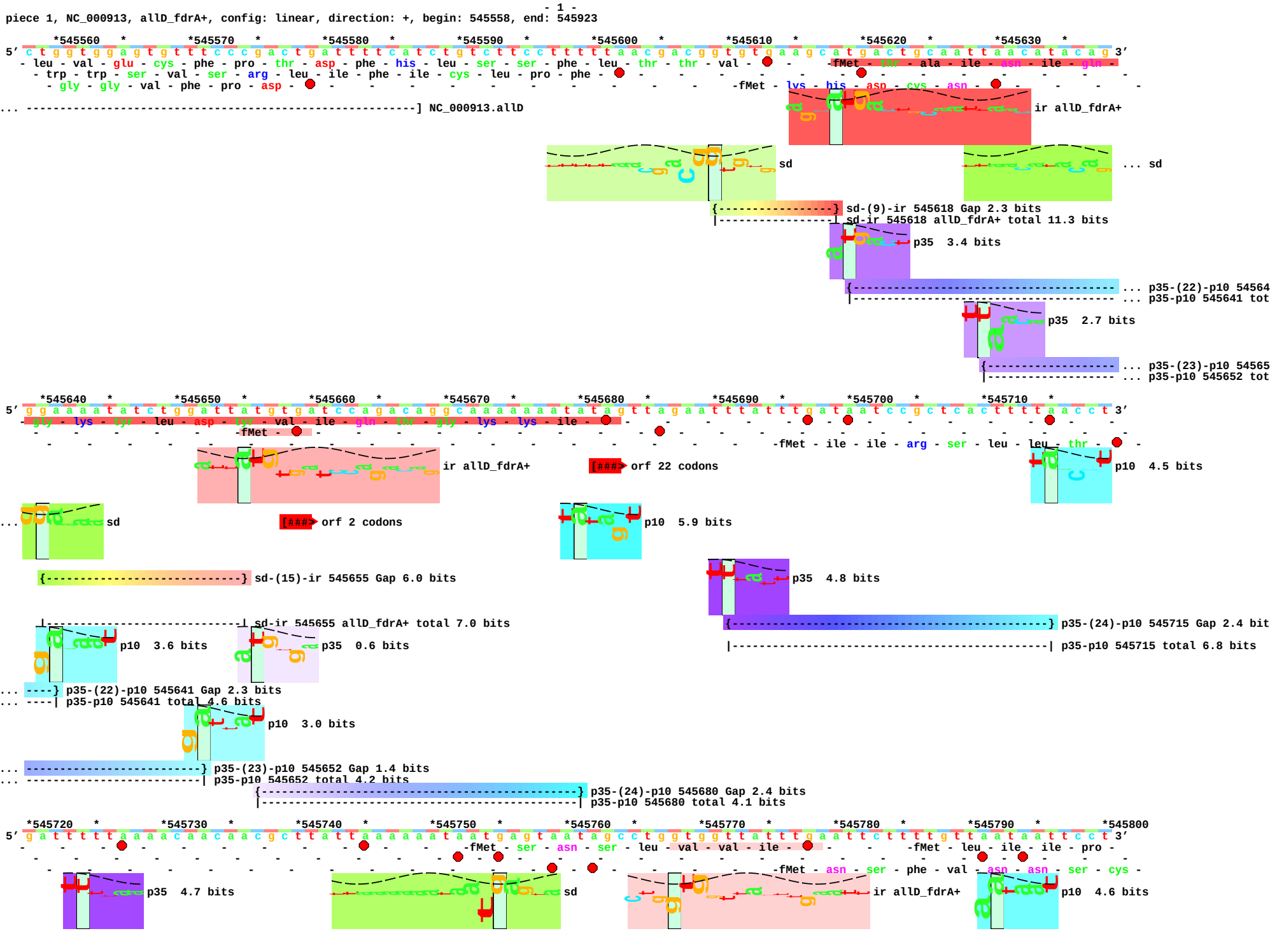
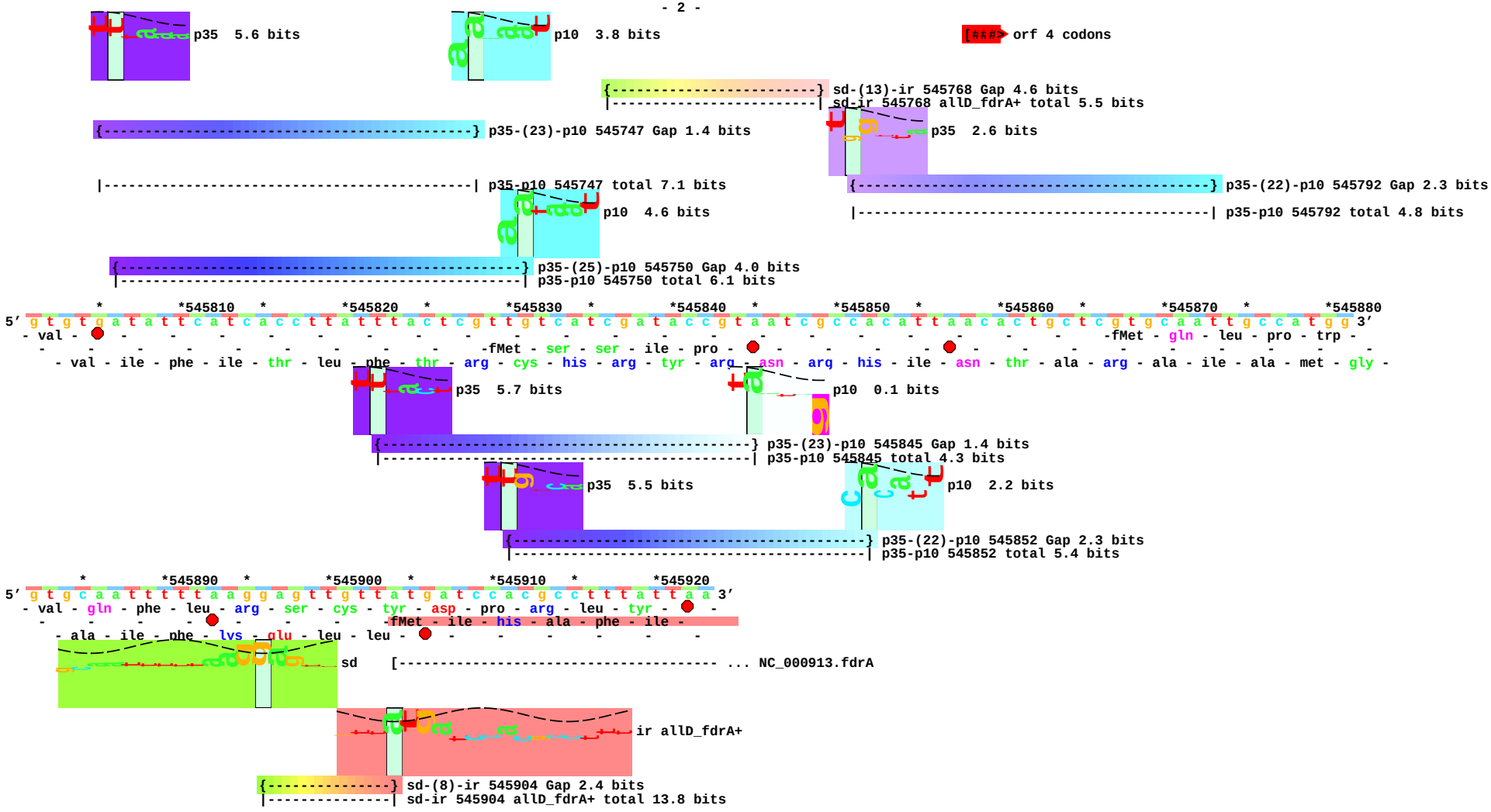

piece 1, NC_000913, allD_fdrA+, config: linear, direction: +, begin: 545558, end: 545923
*545560 *545570 *545580 *545590 *545600 *545610 *545620 *545630
5′ c t g g t g g a g t g t t t c c c g a c t g a t t t t c a t c t g t c t t c c t t t t t a a c g a c g g t g t g a a g c a t g a c t g c a a t t a a c a t a c a g 3′
- leu - val - glu - cys - phe - pro - thr - asp - phe - his - leu - ser - ser - phe - leu - thr - thr - val -
- trp - trp - ser - val - ser - arg - leu - ile - phe - ile - cys - leu - pro - phe -
- gly - gly - val - phe - pro - asp -
-fMet - thr - ala - ile - asn - ile - gln -
-fMet - lys - his - asp - cys - asn -
... ----------] NC_000913.allD
ir allD_fdrA+
sd
... sd
{----------} sd-(9)-ir 545618 Gap 2.3 bits
|----------| sd-ir 545618 allD_fdrA+ total 11.3 bits
p35 3.4 bits
{---------- ... p35-(22)-p10 54564
|---------- ... p35-p10 545641 tot
p35 2.7 bits
{---------- ... p35-(23)-p10 54565
|---------- ... p35-p10 545652 tot
*545640 *545650 *545660 *545670 *545680 *545690 *545700 *545710
5′ g g a a a a t a t c t g g a t t a t g t g a t c c a g a c a g g c a a a a a a a t a t a g t t a g a a t t t a t t t g a t a a t c c g c t c a c t t t t a a c c t 3′
- gly - lys - tyr - leu - asp - tyr - val - ile - gln - thr - gly - lys - lys - ile -
-fMet -
-fMet - ile - ile - arg - ser - leu - leu - thr -
ir allD_fdrA+
[###> orf 22 codons
p10 4.5 bits
... sd
[###> orf 2 codons
p10 5.9 bits
{----------} sd-(15)-ir 545655 Gap 6.0 bits
p35 4.8 bits
|----------| sd-ir 545655 allD_fdrA+ total 7.0 bits
{----------} p35-(24)-p10 545715 Gap 2.4 bit
|----------| p35-p10 545715 total 6.8 bits
p10 3.6 bits
p35 0.6 bits
... ----} p35-(22)-p10 545641 Gap 2.3 bits
... ----| p35-p10 545641 total 4.6 bits
p10 3.0 bits
... ----------} p35-(23)-p10 545652 Gap 1.4 bits
... ----------| p35-p10 545652 total 4.2 bits
{----------} p35-(24)-p10 545680 Gap 2.4 bits
|----------| p35-p10 545680 total 4.1 bits
*545720 *545730 *545740 *545750 *545760 *545770 *545780 *545790 *545800
5′ g a t t t t t a a a a c a a c a a c g c t t a t t a a a a a a t a a t g a g t a a t a g c c t g g t g g t t a t t t g a a t t c t t t t t g t t a a t a a t t c c c t 3′
-fMet - ser - asn - ser - leu - val - val - ile -
-fMet - leu - ile - ile - pro -
-fMet - asn - ser - phe - val - asn - asn - ser - cys -
p35 4.7 bits
sd
ir allD_fdrA+
p10 4.6 bits


p35 5.6 bits
p10 3.8 bits
[###> orf 4 codons
} sd-(13)-ir 545768 Gap 4.6 bits
| sd-ir 545768 allD_fdrA+ total 5.5 bits
} p35-(23)-p10 545747 Gap 1.4 bits
p35 2.6 bits
| p35-p10 545747 total 7.1 bits
} p35-(22)-p10 545792 Gap 2.3 bits
p10 4.6 bits
| p35-p10 545792 total 4.8 bits
} p35-(25)-p10 545750 Gap 4.0 bits
| p35-p10 545750 total 6.1 bits
5' g t g t g a t a t t c a t c a c c t t a t t t a c t c g t t g t c a t c g a t a c c g t a a t c g c c a c a t t a a c a c t g c t c g t g c a a t t g c c a t g g 3'
- val - - -