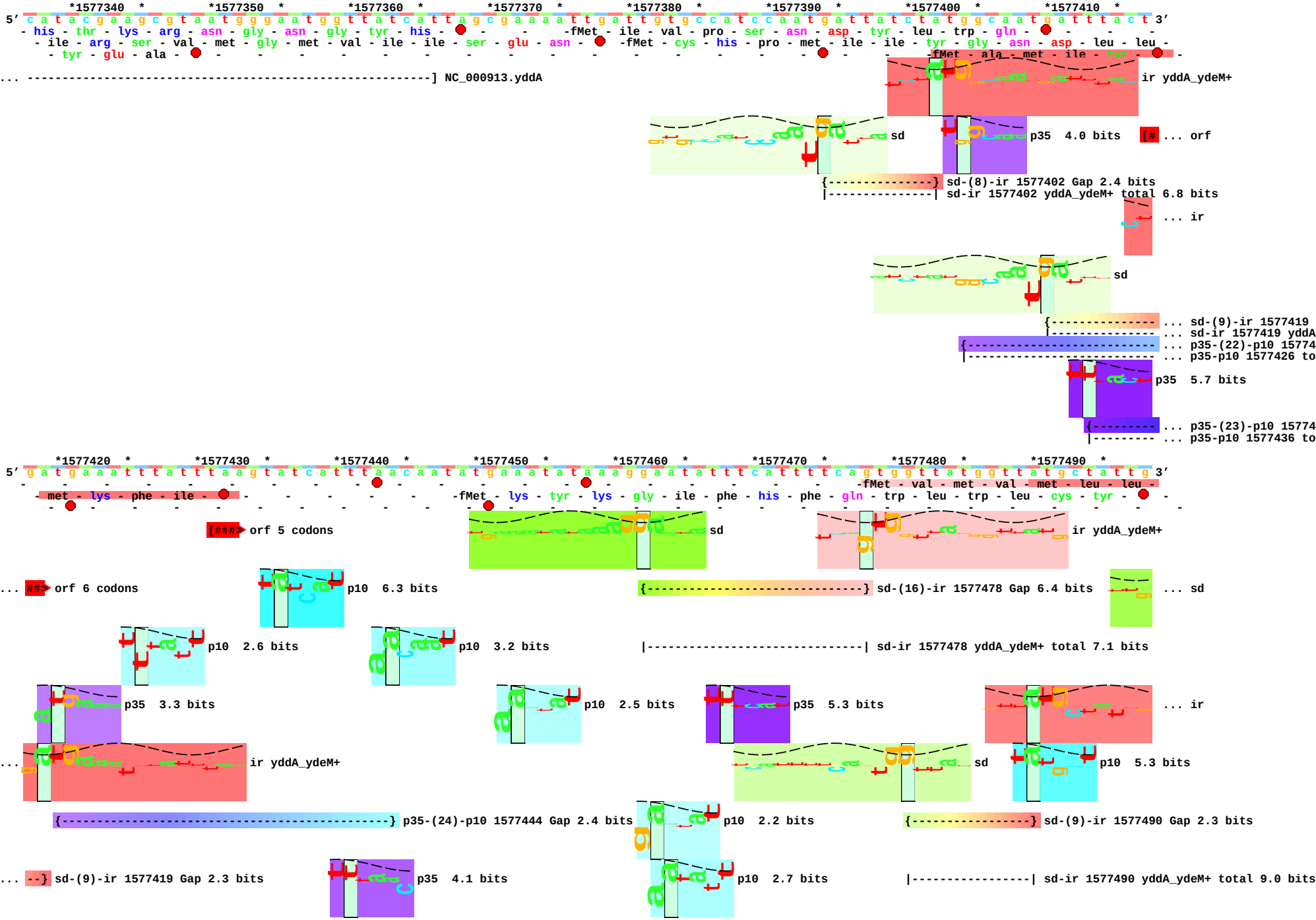
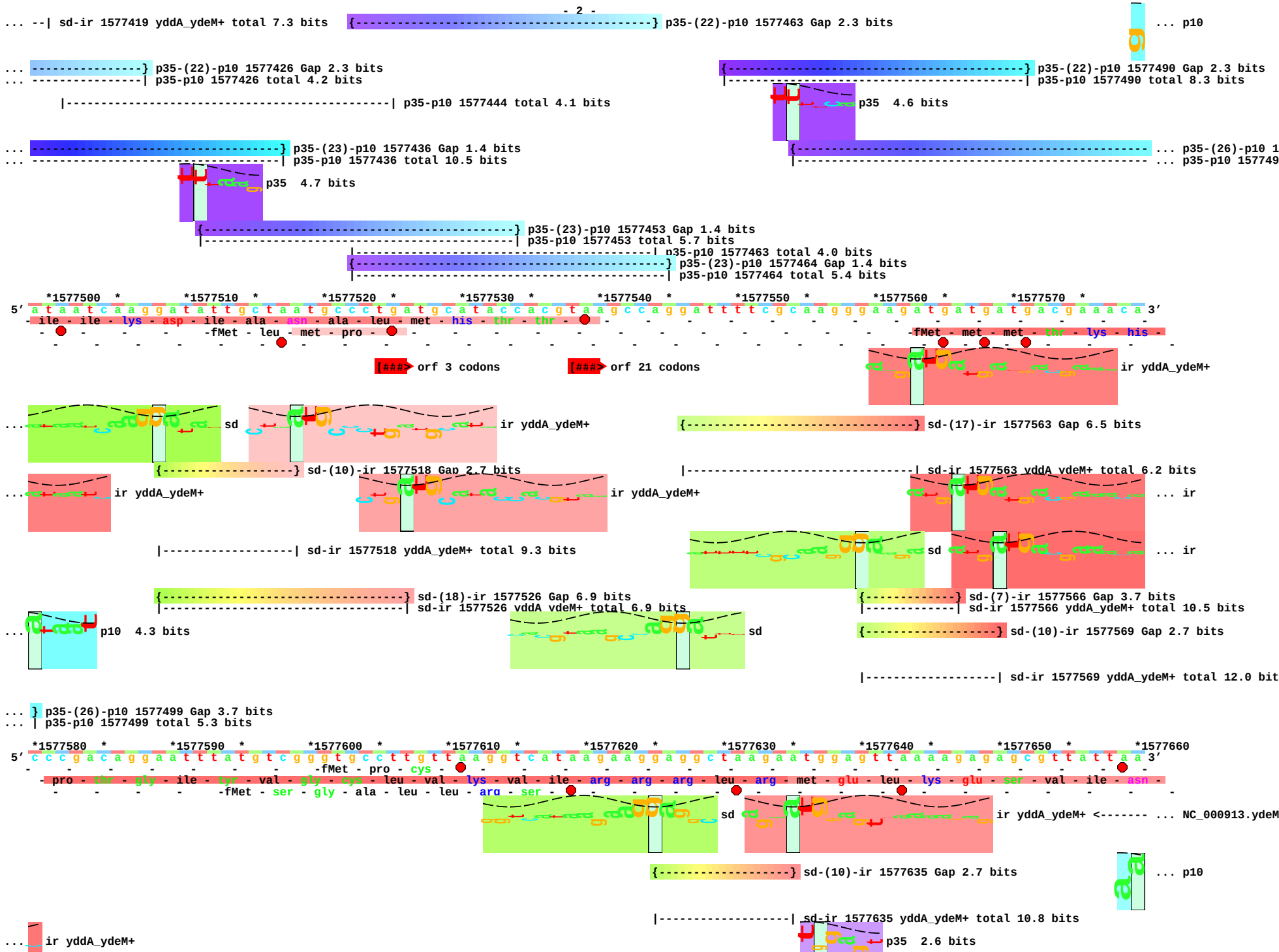
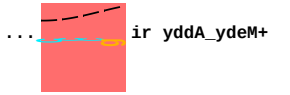
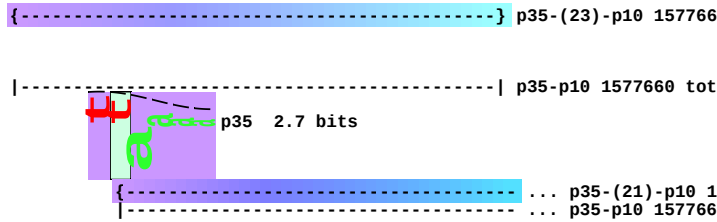
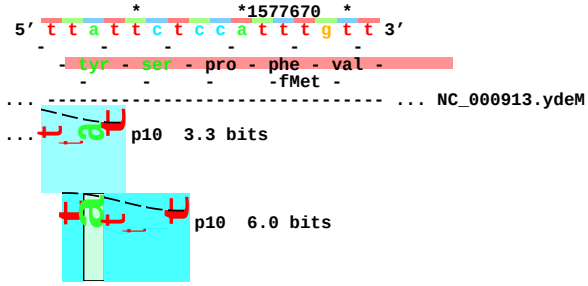
piece 1, NC_000913, yddA_ydeM+, config: linear, direction: +, begin: 1577337, end: 1577676

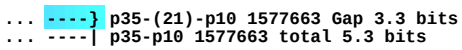



- 2 -
... --| sd-ir 1577419 yddA_ydeM+ total 7.3 bits
} p35-(22)-p10 1577463 Gap 2.3 bits
... p10
} p35-(22)-p10 1577426 Gap 2.3 bits
| p35-p10 1577426 total 4.2 bits
} p35-(22)-p10 1577490 Gap 2.3 bits
| p35-p10 1577490 total 8.3 bits
| p35-p10 1577444 total 4.1 bits
p35 4.6 bits
} p35-(23)-p10 1577436 Gap 1.4 bits
| p35-p10 1577436 total 10.5 bits
... p35-(26)-p10 1
... p35-p10 157749
p35 4.7 bits
} p35-(23)-p10 1577453 Gap 1.4 bits
| p35-p10 1577453 total 5.7 bits
| p35-p10 1577463 total 4.0 bits
} p35-(23)-p10 1577464 Gap 1.4 bits
| p35-p10 1577464 total 5.4 bits
*1577500 *1577510 *1577520 *1577530 *1577540 *1577550 *1577560 *1577570 *
5' a t a a t c a a g g a t a t t g c t a a t g c c c t g a t g c a t a c c a c g t a a g c c a g g a t t t t c g c a a g g a a g a t g a t g a c g a a a c a 3'
- ile - ile - lys - asp - ile - ala - asn - ala - leu - met - his - thr - thr -
- fMet - leu - met - pro -
- fMet - met - met - thr - lys - his -
[###> orf 3 codons
[###> orf 21 codons
ir yddA_ydeM+
sd
ir yddA_ydeM+
} sd-(17)-ir 1577563 Gap 6.5 bits
} sd-(10)-ir 1577518 Gap 2.7 bits
| sd-ir 1577563 yddA_ydeM+ total 6.2 bits
ir yddA_ydeM+
ir yddA_ydeM+
... ir
| sd-ir 1577518 yddA_ydeM+ total 9.3 bits
sd
... ir
} sd-(18)-ir 1577526 Gap 6.9 bits
} sd-(7)-ir 1577566 Gap 3.7 bits
| sd-ir 1577526 yddA_ydeM+ total 6.9 bits
| sd-ir 1577566 yddA_ydeM+ total 10.5 bits
p10 4.3 bits
sd
} sd-(10)-ir 1577569 Gap 2.7 bits
| sd-ir 1577569 yddA_ydeM+ total 12.0 bit
} p35-(26)-p10 1577499 Gap 3.7 bits
| p35-p10 1577499 total 5.3 bits
*1577580 *1577590 *1577600 *1577610 *1577620 *1577630 *1577640 *1577650 *1577660
5' c c c g a c a g g a a t t t a t g t c g g g t g c c t t g t t a a g g t c a t a a g a a g g a g g c t a a g a a t g g a g t t a a a a g a g a g c g t t a t t a a 3'
- fMet - pro - cys -
- pro - thr - gly - ile - tyr - val - gly - cys - leu - val - lys - val - ile - arg - arg - arg - leu - arg - met - glu - leu - lys - glu - ser - val - ile - asn -
- fMet - ser - gly - ala - leu - leu - arg - ser -
sd
ir yddA_ydeM+ <------- ... NC_000913.ydeM
} sd-(10)-ir 1577635 Gap 2.7 bits
... p10
| sd-ir 1577635 yddA_ydeM+ total 10.8 bits
ir yddA_ydeM+
p35 2.6 bits


... ir yddA_ydeM+


{---------- p35-(23)-p10 157766
|---------- | p35-p10 1577660 tot
p35 2.7 bits
{---------- ... p35-(21)-p10 1
|---------- ... p35-p10 157766


* *1577670 *
5′ t t a t t c t c c a t t t g t t 3′
- - - - - - -
- tyr - ser - pro - phe - val -
- - - -fMet -
... ... NC_000913.ydeM
... p10 3.3 bits
p10 6.0 bits


... ----} p35-(21)-p10 1577663 Gap 3.3 bits
... ----| p35-p10 1577663 total 5.3 bits