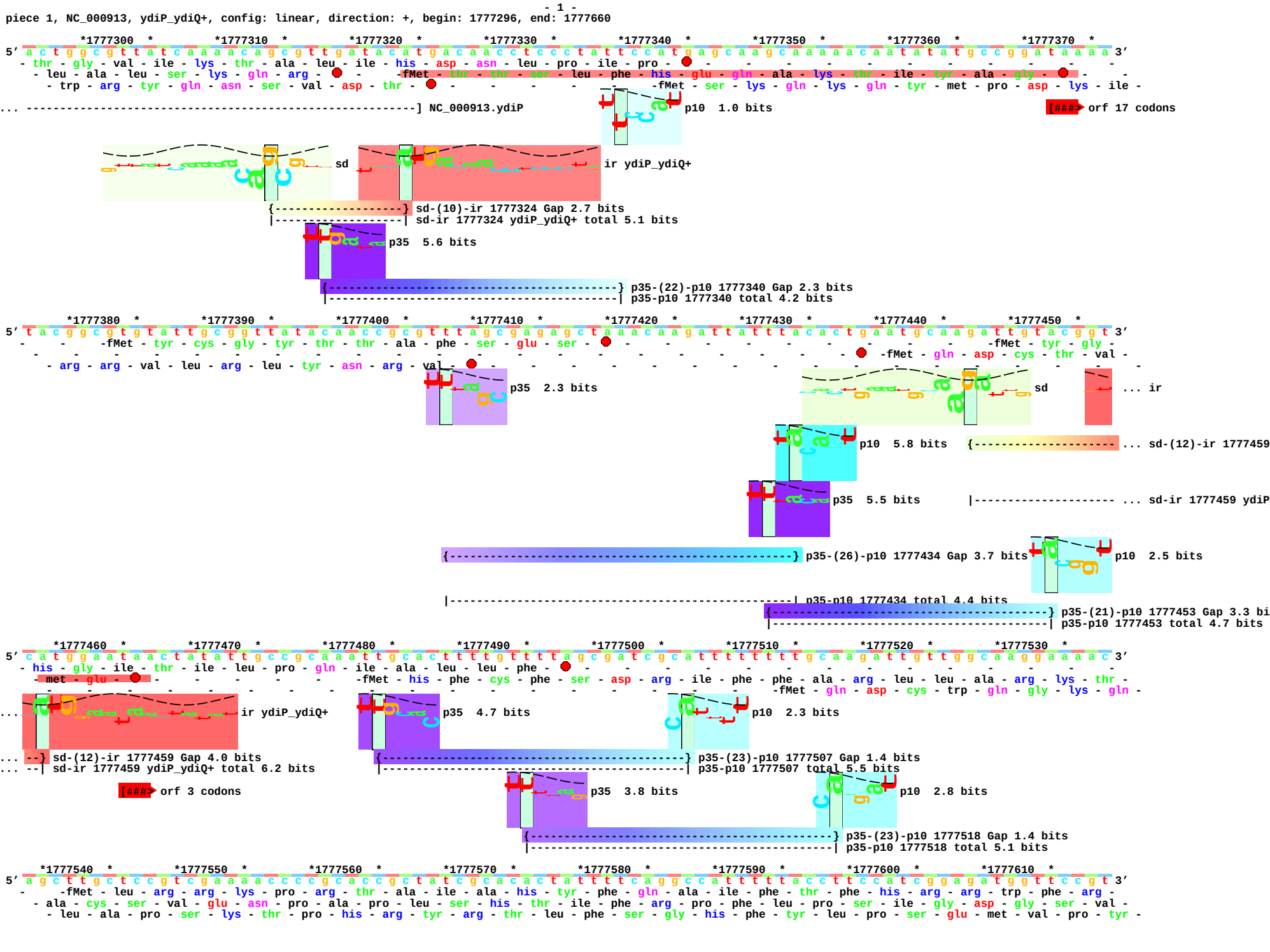
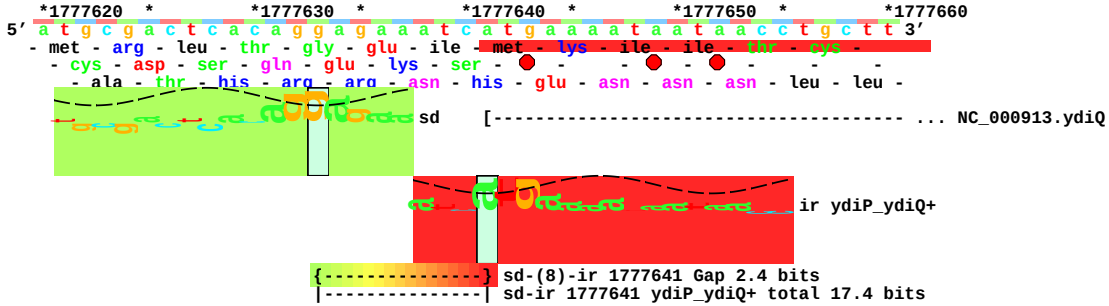

piece 1, NC_000913, ydiP_ydiQ+, config: linear, direction: +, begin: 1777296, end: 1777660
*1777300 *1777310 *1777320 *1777330 *1777340 *1777350 *1777360 *1777370 *
5′ a c t g g c g t t a t c a a a a c a g c g t t g a t a c a t g a c a a c c t c c c t a t t c c a t g a g c a a g c a a a a a c a a t a t g c c g g a t a a a a 3′
- thr - gly - val - ile - lys - thr - ala - leu - ile - his - asp - asn - leu - pro - ile - pro -
- leu - ala - leu - ser - lys - gln - arg -
-fMet - thr - thr - ser - leu - phe - his - glu - gln - ala - lys - thr - ile - tyr - ala - gly -
- trp - arg - tyr - gln - asn - ser - val - asp - thr -
-fMet - ser - lys - gln - lys - gln - tyr - met - pro - asp - lys - ile -
... ----------] NC_000913.ydiP
p10 1.0 bits
[###> orf 17 codons
sd
ir ydiP_ydiQ+
{----------} sd-(10)-ir 1777324 Gap 2.7 bits
|----------| sd-ir 1777324 ydiP_ydiQ+ total 5.1 bits
p35 5.6 bits
{----------} p35-(22)-p10 1777340 Gap 2.3 bits
|----------| p35-p10 1777340 total 4.2 bits
*1777380 *1777390 *1777400 *1777410 *1777420 *1777430 *1777440 *1777450 *
5′ t a c g g c g t g t a t t g c g g t t a t a c a a c c g c g t t t a g c g a g a g c t a a a c a a g a t t a t t t a c a c t g a a t g c a a g a t t g t a c g g t 3′
-fMet - tyr - cys - gly - tyr - thr - thr - ala - phe - ser - glu - ser -
-fMet - tyr - gly -
-fMet - gln - asp - cys - thr - val -
- arg - arg - val - leu - arg - leu - tyr - asn - arg - val -
p35 2.3 bits
sd
... ir
p10 5.8 bits
{---------- ... sd-(12)-ir 1777459
p35 5.5 bits
|---------- ... sd-ir 1777459 ydiP
{----------} p35-(26)-p10 1777434 Gap 3.7 bits
p10 2.5 bits
|----------| p35-p10 1777434 total 4.4 bits
{----------} p35-(21)-p10 1777453 Gap 3.3 bi
|----------| p35-p10 1777453 total 4.7 bits
*1777460 *1777470 *1777480 *1777490 *1777500 *1777510 *1777520 *1777530 *
5′ c a t g g a a t a a c t a t a t t g c c g c a a a t t g c a c t t t t g t t t t a g c g a t c g c a t t t t t t t t g c a a g a t t g t t g g c a a g g a a a a c 3′
- his - gly - ile - thr - ile - leu - pro - gln - ile - ala - leu - leu - phe -
- met - glu -
-fMet - his - phe - cys - phe - ser - asp - arg - ile - phe - phe - ala - arg - leu - leu - ala - arg - lys - thr -
-fMet - gln - asp - cys - trp - gln - gly - lys - gln -
... ir ydiP_ydiQ+
p35 4.7 bits
p10 2.3 bits
... --} sd-(12)-ir 1777459 Gap 4.0 bits
... --| sd-ir 1777459 ydiP_ydiQ+ total 6.2 bits
{----------} p35-(23)-p10 1777507 Gap 1.4 bits
|----------| p35-p10 1777507 total 5.5 bits
[###> orf 3 codons
p35 3.8 bits
p10 2.8 bits
{----------} p35-(23)-p10 1777518 Gap 1.4 bits
|----------| p35-p10 1777518 total 5.1 bits
*1777540 *1777550 *1777560 *1777570 *1777580 *1777590 *1777600 *1777610 *
5′ a g c t t g c t c c g t c g a a a a c c c c g c a c c g c t a t c g c a c a c t a t t t t c a g g c c a t t t t t a c c t t c c a t c g g a g a t g g t t c c g t 3′
-fMet - leu - arg - arg - lys - pro - arg - thr - ala - ile - ala - his - tyr - phe - gln - ala - ile - phe - thr - phe - his - arg - arg - trp - phe - arg -
- ala - cys - ser - val - glu - asn - pro - ala - pro - leu - ser - his - thr - ile - phe - arg - pro - phe - leu - pro - ser - ile - gly - asp - gly - ser - val -
- leu - ala - pro - ser - lys - thr - pro - his - arg - tyr - arg - thr - leu - phe - ser - gly - his - phe - tyr - leu - pro - ser - glu - met - val - pro - tyr -


*1777620 * *1777630 * *1777640 * *1777650 * *1777660
5' a t g c g a c t c a c a g g a g a a a t c a t g a a a a t a a t a a c c t g c t t 3'
- met - arg - leu - thr - gly - glu - ile - met - lys - ile - ile - thr - cys -
- cys - asp - ser - gln - glu - lys - ser - - - - - - - -
- ala - thr - his - arg - arg - asn - his - glu - asn - asn - asn - leu - leu -
sd [---------- ... NC_000913.ydiQ
ir ydiP_ydiQ+
{----------} sd-(8)-ir 1777641 Gap 2.4 bits
|----------| sd-ir 1777641 ydiP_ydiQ+ total 17.4 bits