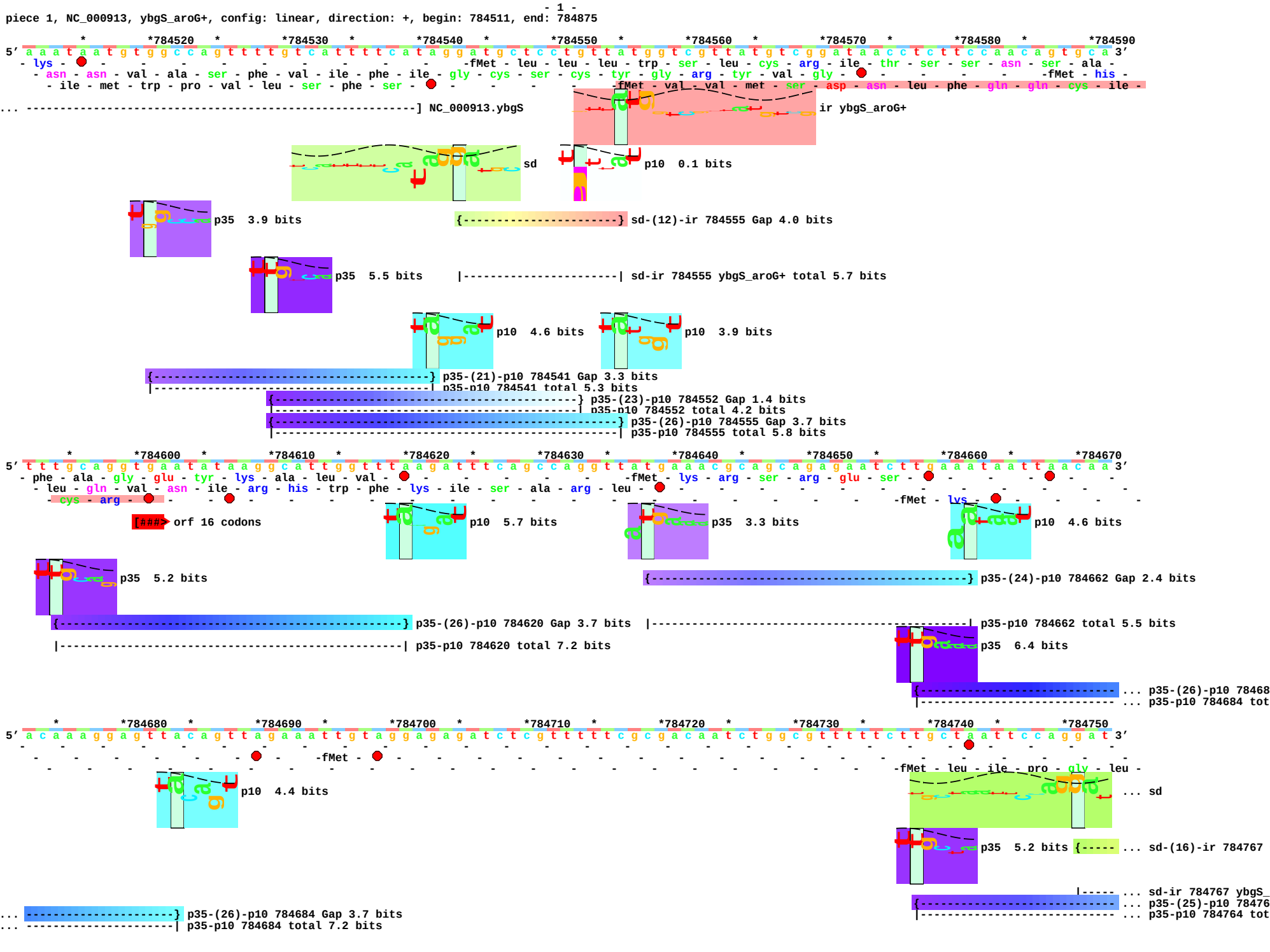
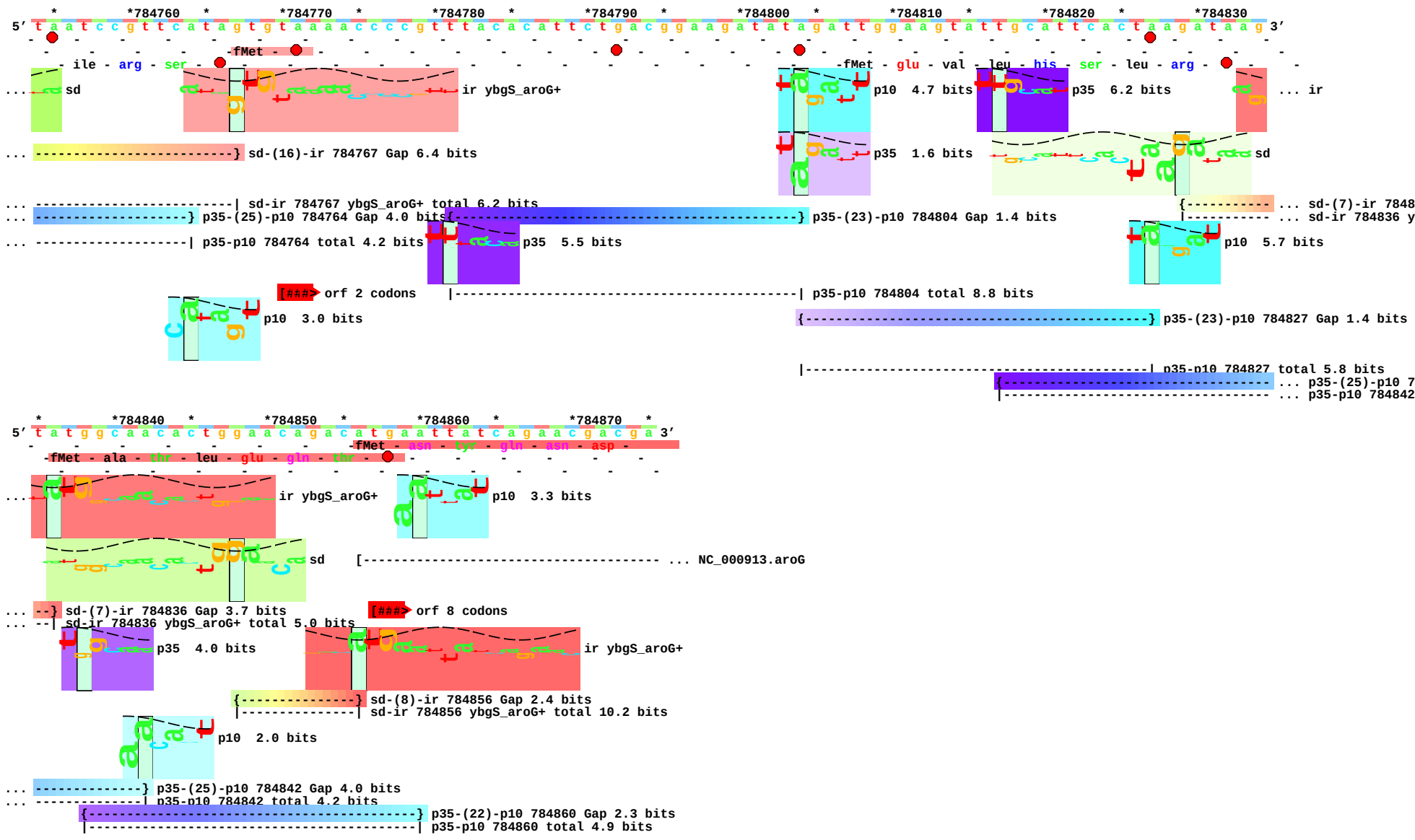

piece 1, NC_000913, ybgS_aroG+, config: linear, direction: +, begin: 784511, end: 784875
*784520 *784530 *784540 *784550 *784560 *784570 *784580 *784590
5' a a a t a a t g t g g c c a g t t t t g t c a t t t t c a t a g g a t g c t c c t g t t a t g g t c g t t a t g t c g g a t a a c c t c t t c c a a c a g t g c a 3'
- lys - - - - - - - - - - -fMet - leu - leu - leu - trp - ser - leu - cys - arg - ile - thr - ser - ser - asn - ser - ala -
- asn - asn - val - ala - ser - phe - val - ile - phe - ile - gly - cys - ser - cys - tyr - gly - arg - tyr - val - gly - - - - - -fMet - his -
- ile - met - trp - pro - val - leu - ser - phe - ser - - - - -fMet - val - val - met - ser - asp - asn - leu - phe - gln - gln - cys - ile -
... ----------] NC_000913.ybgS
ir ybgS_aroG+
sd
p10 0.1 bits
p35 3.9 bits
{----------} sd-(12)-ir 784555 Gap 4.0 bits
p35 5.5 bits
|----------| sd-ir 784555 ybgS_aroG+ total 5.7 bits
p10 4.6 bits
p10 3.9 bits
{----------} p35-(21)-p10 784541 Gap 3.3 bits
|----------| p35-p10 784541 total 5.3 bits
{----------} p35-(23)-p10 784552 Gap 1.4 bits
|----------| p35-p10 784552 total 4.2 bits
{----------} p35-(26)-p10 784555 Gap 3.7 bits
|----------| p35-p10 784555 total 5.8 bits
*784600 *784610 *784620 *784630 *784640 *784650 *784660 *784670
5' t t t g c a g g t g a a t a t a a g g c a t t g g t t t a a g a t t t c a g c c a g g t t a t g a a a c g c a g c a g a g a a t c t t g a a a t a a t t a a c a a 3'
- phe - ala - gly - glu - tyr - lys - ala - leu - val - - - - - - -fMet - lys - arg - ser - arg - glu - ser - - - - - - - -
- leu - gln - val - asn - ile - arg - his - trp - phe - lys - ile - ser - ala - arg - leu -
- cys - arg - - - - - - - - - - - - - - - - - - -


*784760 *784770 *784780 *784790 *784800 *784810 *784820 *784830
5′ t a a t c c g t t c a t a g t g t a a a a c c c c g t t t a c a c a t t c t g a c g g a a g a t a t a g a t t g g a a g t a t t g c a t t c a c t a a g a t a a g 3′
fMet
ile - arg - ser
fMet - glu - val - leu - his - ser - leu - arg
sd
ir ybgS_aroG+
p10 4.7 bits
p35 6.2 bits
sd-(16)-ir 784767 Gap 6.4 bits
p35 1.6 bits
sd
sd-ir 784767 ybgS_aroG+ total 6.2 bits
p35-(25)-p10 784764 Gap 4.0 bits
p35-(23)-p10 784804 Gap 1.4 bits
sd-(7)-ir 7848
sd-ir 784836 y
p35-p10 784764 total 4.2 bits
p35 5.5 bits
p10 5.7 bits
orf 2 codons
p35-p10 784804 total 8.8 bits
p10 3.0 bits
p35-(23)-p10 784827 Gap 1.4 bits
p35-p10 784827 total 5.8 bits
p35-(25)-p10 7
p35-p10 784842
*784840 *784850 *784860 *784870
5′ t a t g g c a a c a c t g g a a c a g a c a t g a a t t a t c a g a a c g a c g a 3′
fMet - asn - tyr - gln - asn - asp
fMet - ala - thr - leu - glu - gln - thr
ir ybgS_aroG+
p10 3.3 bits
sd
NC_000913.aroG
sd-(7)-ir 784836 Gap 3.7 bits
orf 8 codons
sd-ir 784836 ybgS_aroG+ total 5.0 bits
p35 4.0 bits
ir ybgS_aroG+
sd-(8)-ir 784856 Gap 2.4 bits
sd-ir 784856 ybgS_aroG+ total 10.2 bits
p10 2.0 bits
p35-(25)-p10 784842 Gap 4.0 bits
p35-p10 784842 total 4.2 bits
p35-(22)-p10 784860 Gap 2.3 bits
p35-p10 784860 total 4.9 bits