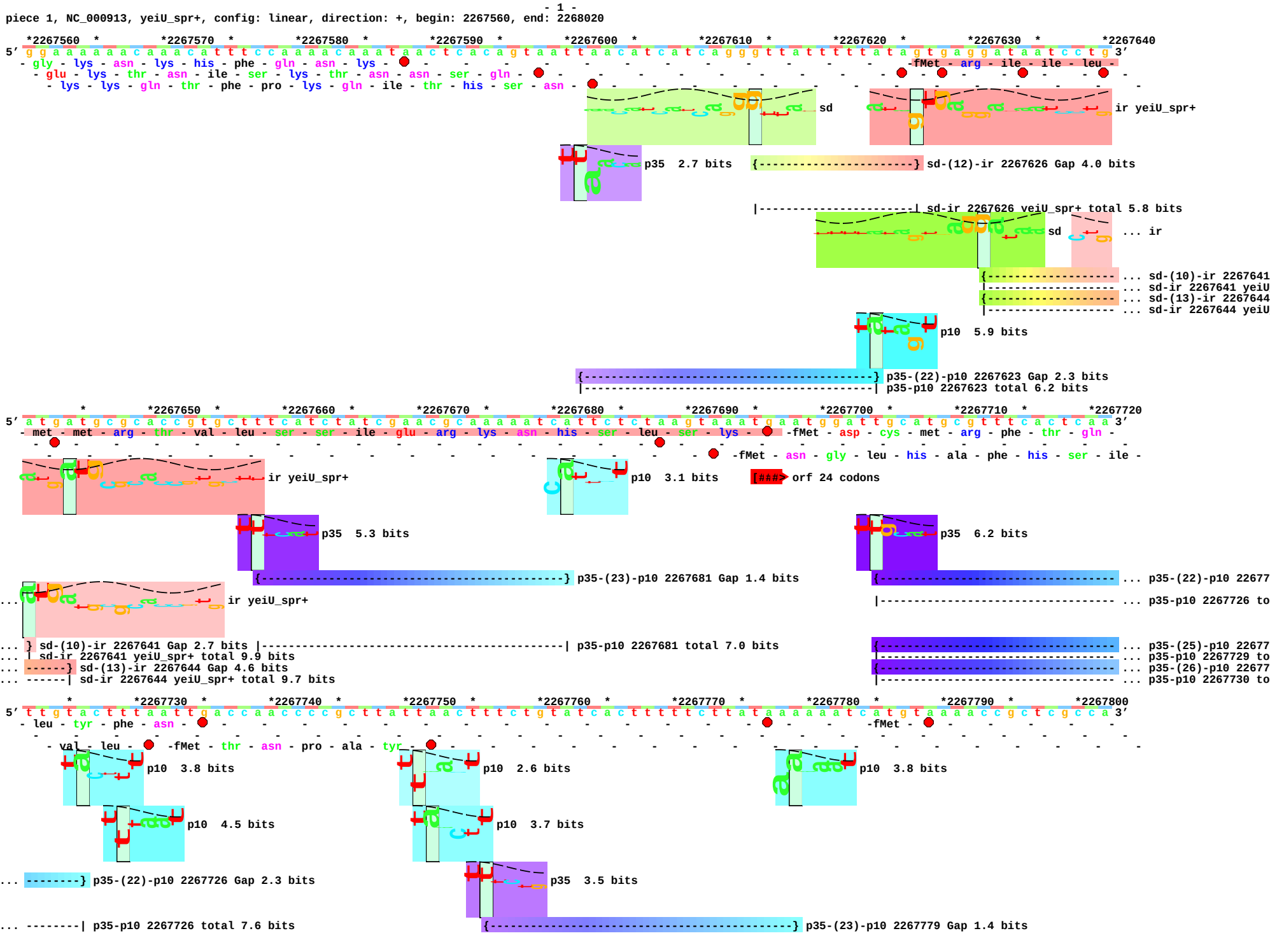
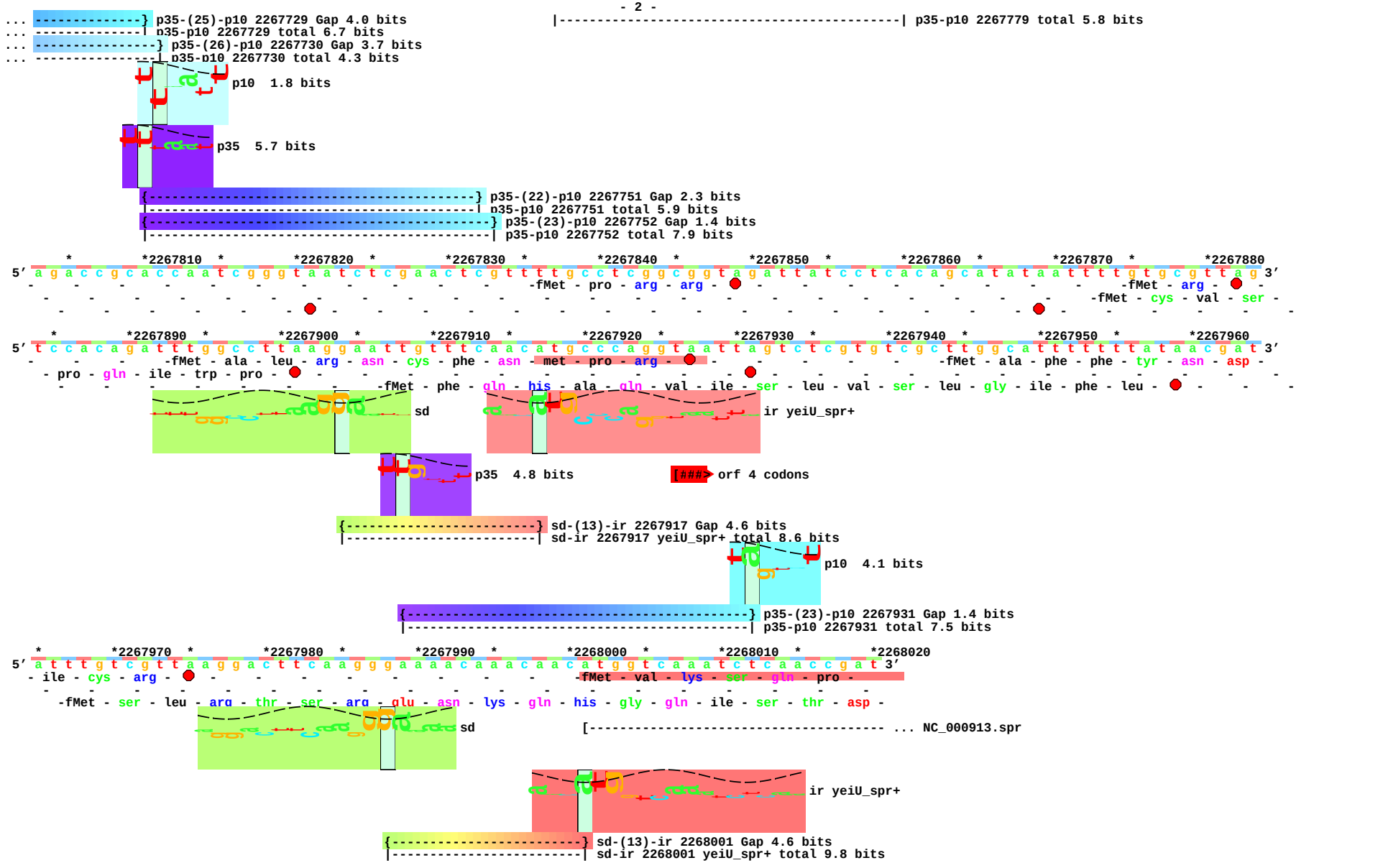

piece 1, NC_000913, yeiU_spr+, config: linear, direction: +, begin: 2267560, end: 2268020
*2267560 *2267570 *2267580 *2267590 *2267600 *2267610 *2267620 *2267630 *2267640
5′ g g a a a a a c a a a c a t t t c c a a a a c a a a t a a c t c a c a g t a a t t a a c a t c a t c a g g g t t a t t t t t a t a g t g a g g a t a a t c c t g 3′
- gly - lys - asn - lys - his - phe - gln - asn - lys -
- glu - lys - thr - asn - ile - ser - lys - thr - asn - asn - ser - gln -
- lys - lys - gln - thr - phe - pro - lys - gln - ile - thr - his - ser - asn -
-fMet - arg - ile - ile - leu -
sd
ir yeiU_spr+
p35 2.7 bits
{----------} sd-(12)-ir 2267626 Gap 4.0 bits
|----------| sd-ir 2267626 yeiU_spr+ total 5.8 bits
sd
... ir
{---------- ... sd-(10)-ir 2267641
|---------- ... sd-ir 2267641 yeiU
{---------- ... sd-(13)-ir 2267644
|---------- ... sd-ir 2267644 yeiU
p10 5.9 bits
{----------} p35-(22)-p10 2267623 Gap 2.3 bits
|----------| p35-p10 2267623 total 6.2 bits
*2267650 *2267660 *2267670 *2267680 *2267690 *2267700 *2267710 *2267720
5′ a t g a t g c g c a c c g t g c t t t c a t c t a t c g a a c g c a a a a a t c a t t c t c t a a g t a a a t g a a t g g a t t g c a t g c g t t t c a c t c a a 3′
- met - met - arg - thr - val - leu - ser - ser - ile - glu - arg - lys - asn - his - ser - leu - ser - lys -
-fMet - asp - cys - met - arg - phe - thr - gln -
-fMet - asn - gly - leu - his - ala - phe - his - ser - ile -
ir yeiU_spr+
p10 3.1 bits
[###> orf 24 codons
p35 5.3 bits
p35 6.2 bits
{----------} p35-(23)-p10 2267681 Gap 1.4 bits
{---------- ... p35-(22)-p10 22677
... ir yeiU_spr+
|---------- ... p35-p10 2267726 to
... } sd-(10)-ir 2267641 Gap 2.7 bits |----------| p35-p10 2267681 total 7.0 bits
... | sd-ir 2267641 yeiU_spr+ total 9.9 bits
... ------} sd-(13)-ir 2267644 Gap 4.6 bits
... ------| sd-ir 2267644 yeiU_spr+ total 9.7 bits
{---------- ... p35-(25)-p10 22677
|---------- ... p35-p10 2267729 to
{---------- ... p35-(26)-p10 22677
|---------- ... p35-p10 2267730 to
*2267730 *2267740 *2267750 *2267760 *2267770 *2267780 *2267790 *2267800
5′ t t g t a c t t t a a t t g a c c a a c c c c g c t t a t t a a c t t t c t g t a t c a c t t t t t c t t a t a a a a a t c a t g t a a a a c c g c t c g c c a 3′
- leu - tyr - phe - asn -
- val - leu -
-fMet - thr - asn - pro - ala - tyr -
-fMet -
p10 3.8 bits
p10 2.6 bits
p10 3.8 bits
p10 4.5 bits
p10 3.7 bits
... --------} p35-(22)-p10 2267726 Gap 2.3 bits
p35 3.5 bits
... --------| p35-p10 2267726 total 7.6 bits
{----------} p35-(23)-p10 2267779 Gap 1.4 bits


... ----------} p35-(25)-p10 2267729 Gap 4.0 bits
... ----------| p35-p10 2267729 total 6.7 bits
... ----------} p35-(26)-p10 2267730 Gap 3.7 bits
... ----------| p35-p10 2267730 total 4.3 bits
p10 1.8 bits
p35 5.7 bits
{----------} p35-(22)-p10 2267751 Gap 2.3 bits
|----------| p35-p10 2267751 total 5.9 bits
{----------} p35-(23)-p10 2267752 Gap 1.4 bits
|----------| p35-p10 2267752 total 7.9 bits
*2267810 *2267820 *2267830 *2267840 *2267850 *2267860 *2267870 *2267880
5' agaccgcaccaatcggtaatctcgaactcgttttgcctcggcggtagattatcctcacagcatataatttttgtgcgttag 3'
-fMet - pro - arg - arg -
-fMet - arg -
-fMet - cys - val - ser -
*2267890 *2267900 *2267910 *2267920 *2267930 *2267940 *2267950 *2267960
5' tccacagatttggccttaaggaattgttcaacatgcccaggtaattagtctcgtgtcgcttggcatttttttataacgat 3'
-fMet - ala - leu - arg - asn - cys - phe - asn - met - pro - arg -
-fMet - ala - phe - phe - tyr - asn - asp -
- pro - gln - ile - trp - pro -
-fMet - phe - gln - his - ala - gln - val - ile - ser - leu - val - ser - leu - gly - ile - phe - leu -
sd
ir yeiU_spr+
p35 4.8 bits
[###> orf 4 codons
{----------} sd-(13)-ir 2267917 Gap 4.6 bits
|----------| sd-ir 2267917 yeiU_spr+ total 8.6 bits
p10 4.1 bits
{----------} p35-(23)-p10 2267931 Gap 1.4 bits
|----------| p35-p10 2267931 total 7.5 bits
*2267970 *2267980 *2267990 *2268000 *2268010 *2268020
5' atttgtcgttaaggacttcaagggaaaacaaacaacatggtcaaatctcaaccgat 3'
- ile - cys - arg -
-fMet - val - lys - ser - gln - pro -
-fMet - ser - leu - arg - thr - ser - arg - glu - asn - lys - gln - his - gly - gln - ile - ser - thr - asp -
sd
[---------- ... NC_000913.spr
ir yeiU_spr+
{----------} sd-(13)-ir 2268001 Gap 4.6 bits
|----------| sd-ir 2268001 yeiU_spr+ total 9.8 bits