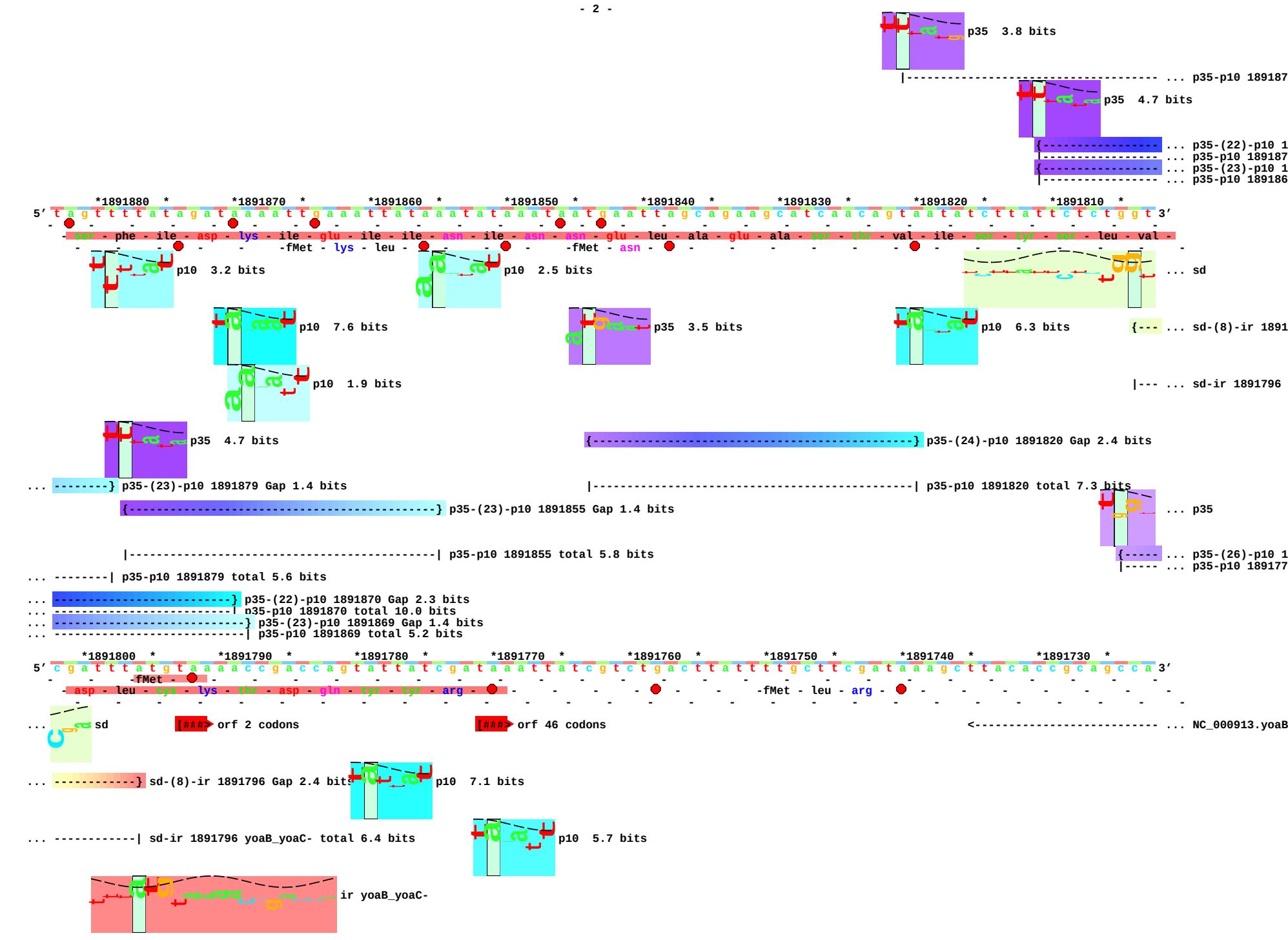
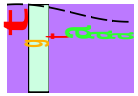
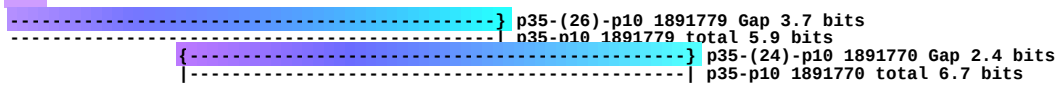
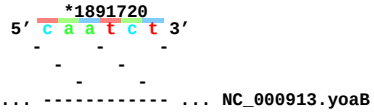
piece 1, NC_000913, yoaB_yoaC-, config: linear, direction: -, begin: 1892126, end: 1891716
*1892120 *1892110 *1892100 *1892090 *1892080 *1892070 *1892060 *1892050
5′ g a t a a g g c t a t a t a t g a c c t t a a t t t g c a t c t a a t a t c a a a g g g a t t a t a a c g a t a t g g c a c g a g t t a a c c t g t t g a c a t t 3′
- asp - lys - ala - ile - tyr - asp - leu - asn - leu - his - leu - ile - ser - lys - gly - leu -
- ile - arg - leu - tyr - met - thr - leu - ile - cys - ile -
-fMet - ala - arg - val - asn - leu - leu - thr - phe -
... ----------] NC_000913.yoaC
ir yoaB_yoaC-
p35 0.6 bits
sd
p35 6.2 bits
{----------} sd-(12)-ir 1892071 Gap 4.0 bits
|----------| sd-ir 1892071 yoaB_yoaC- total 10.9 bits
p10 6.3 bits
p10 4.1 bits
{----------} p35-(23)-p10 1892094 Gap 1.4 bits
|----------| p35-p10 1892094 total 5.5 bits
{----------} p35-(22)-p10 1892079 Gap 2.3 bits
|----------| p35-p10 1892079 total 7.9 bits
*1892040 *1892030 *1892020 *1892010 *1892000 *1891990 *1891980 *1891970
5′ c a g g t g t t t a a a g g t a g c a g c t c a t g g t g t t a t c c a g t a a g a t g g a g a a a t t a a c g t c a g t c c g c a c g c t a t a a c c 3′
-fMet - phe -
-fMet - val - cys - tyr - pro - val - arg - trp - arg - asn - leu - thr - val - ser - pro - his - ala - ile - thr -
- arg - cys - phe - lys - gly - ser - ser - ser - trp - cys - val - ile - gln -
-fMet - leu - ser - ser - lys - met - glu - lys - phe - asn - gly - gln - ser - ala - arg - tyr - asn - gln -
sd
[###> orf 23 codons
p35 4.1 bits
p10 4.1 bits
p35 5.6 bits
ir yoaB_yoaC-
{----------} p35-(21)-p10 1891970 Gap 3.3 bits
{----------} sd-(10)-ir 1892021 Gap 2.7 bits
|----------| sd-ir 1892021 yoaB yoaC- total 5.2 bits
|----------| p35-p10 1891970 total 4.9 bits
p10 0.1 bits
{----------} p35-(23)-p10 1892014 Gap 1.4 bits
|----------| p35-p10 1892014 total 4.2 bits
*1892060 *1892050 *1892040 *1892030 *1892020 *1892010 *1892000 *1891990 *1891980 *1891970
5′ a g a t t g t t c a g c t a a g a a a g a a a a c c a g a g t t g c t a a t c a a a g g g c g a a c a c a a c g g c a t g t t t a t g t t t a t t t a t a g t 3′
- arg - leu - phe - ser -
-fMet - leu - ile - lys - gly - arg - thr - gln - arg - his - val - tyr - val - tyr - leu - tyr - ser -
-fMet - phe - met - phe - ile - tyr - ile - val -
- ile - val - gln - leu - arg - lys - lys - thr - arg - val - ala - asn - gln - arg - ala - asn - thr - thr - ala - cys - leu - cys - leu - phe - ile -
[###> orf 24 codons
sd
ir yoaB_yoaC-
{----------} sd-(14)-ir 1891906 Gap 4.9 bits
|----------| sd-ir 1891906 yoaB_yoaC- total 7.4 bits
ir yoaB_yoaC-
sd{---------- ... p35-(23)-p10 18918
{----------} sd-(8)-ir 1891900 Gap 2.4 bits
|----------| sd-ir 1891900 yoaB_yoaC- total 6.2 bits


p35 3.8 bits
... p35-p10 189187
p35 4.7 bits
... p35-(22)-p10 1
... p35-p10 189187
... p35-(23)-p10 1
... p35-p10 189186
*1891880 *1891870 *1891860 *1891850 *1891840 *1891830 *1891820 *1891810 *
5' t a g t t t t a t a g a t a a a a t t g a a a t t a t a a a t a t a a t a a t g a a t t a g c a g a a g c a t c a a c a g t a a t a t c t t a t t c t c t g g t 3'
- ser - phe - ile - asp - lys - ile - glu - ile - ile - asn - ile - asn - asn - glu - leu - ala - glu - ala - ser - thr - val - ile - ser - tyr - ser - leu - val -
-fMet - lys - leu - -fMet - asn -
p10 3.2 bits
p10 2.5 bits
... sd
p10 7.6 bits
p35 3.5 bits
p10 6.3 bits
{--- ... sd-(8)-ir 1891
p10 1.9 bits
|--- ... sd-ir 1891796
p35 4.7 bits
... --------} p35-(23)-p10 1891879 Gap 1.4 bits
{----------} p35-(24)-p10 1891820 Gap 2.4 bits
|----------| p35-p10 1891820 total 7.3 bits
{----------} p35-(23)-p10 1891855 Gap 1.4 bits
... p35
|----------| p35-p10 1891855 total 5.8 bits
{----- ... p35-(26)-p10 1
|----- ... p35-p10 189177
... --------| p35-p10 1891879 total 5.6 bits
... ----------} p35-(22)-p10 1891870 Gap 2.3 bits
... ----------| p35-p10 1891870 total 10.0 bits
... ----------} p35-(23)-p10 1891869 Gap 1.4 bits
... ----------| p35-p10 1891869 total 5.2 bits
*1891800 *1891790 *1891780 *1891770 *1891760 *1891750 *1891740 *1891730 *
5' c g a t t t a t g t a a a a c c g a c c a g t a t t a t c g a t a a a t t a t c g t c t g a c t t a t t t t g c t t c g a t a a g c t t a c a c c g c a g c c a 3'
-fMet -
- asp - leu - cys - lys - thr - asp - gln - tyr - tyr - arg - -fMet - leu - arg -
... sd [###> orf 2 codons [###> orf 46 codons <---------- ... NC_000913.yoaB
... ----------} sd-(8)-ir 1891796 Gap 2.4 bits
p10 7.1 bits
... ----------| sd-ir 1891796 yoaB_yoaC- total 6.4 bits
p10 5.7 bits
ir yoaB_yoaC-


p35 3.4 bits

... p35 2.5 bits


... } p35-(26)-p10 1891779 Gap 3.7 bits
... | p35-p10 1891779 total 5.9 bits
{ } p35-(24)-p10 1891770 Gap 2.4 bits
| | p35-p10 1891770 total 6.7 bits


*1891720
5’ c a a t c t 3’
... ... NC_000913.yoaB