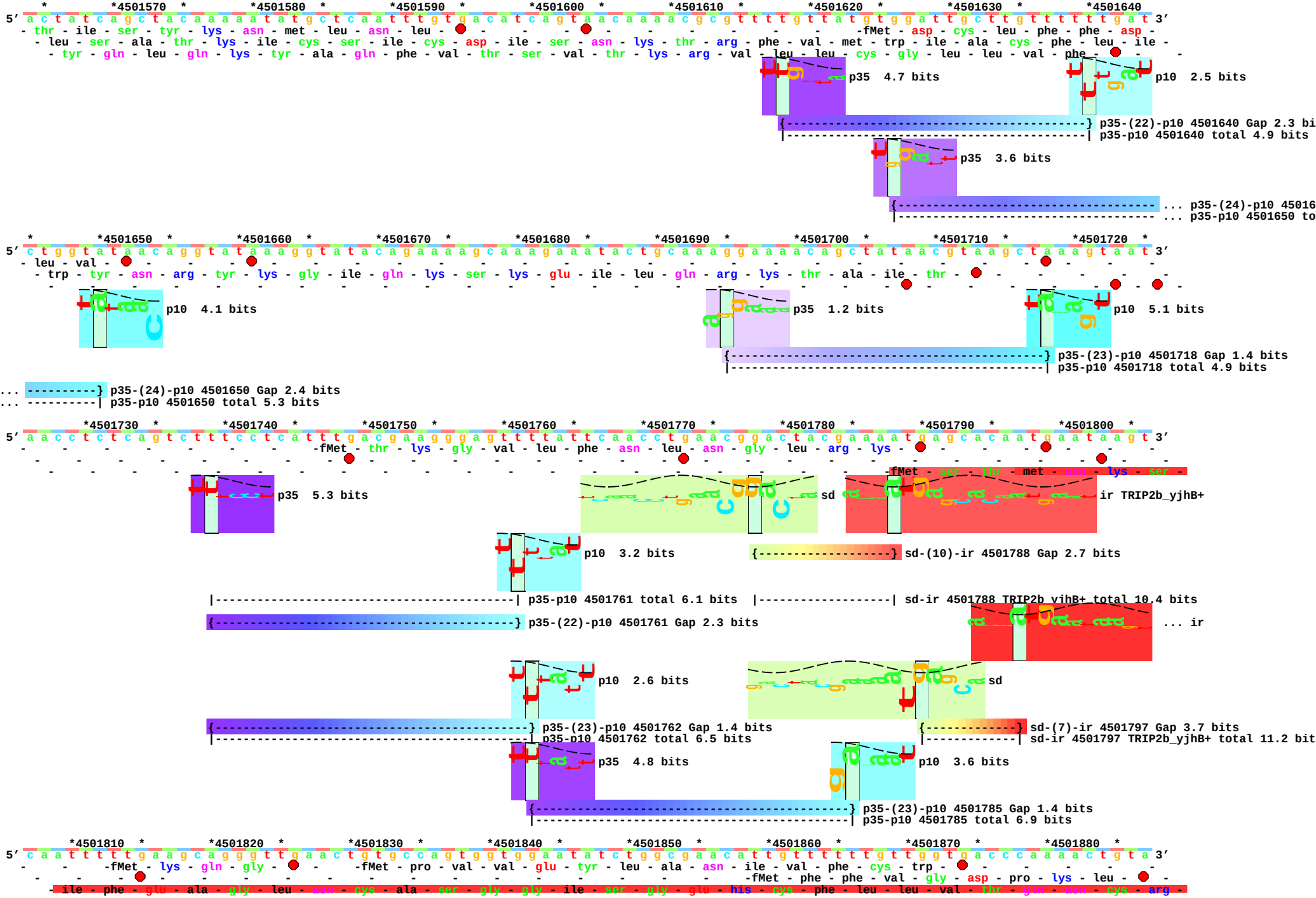
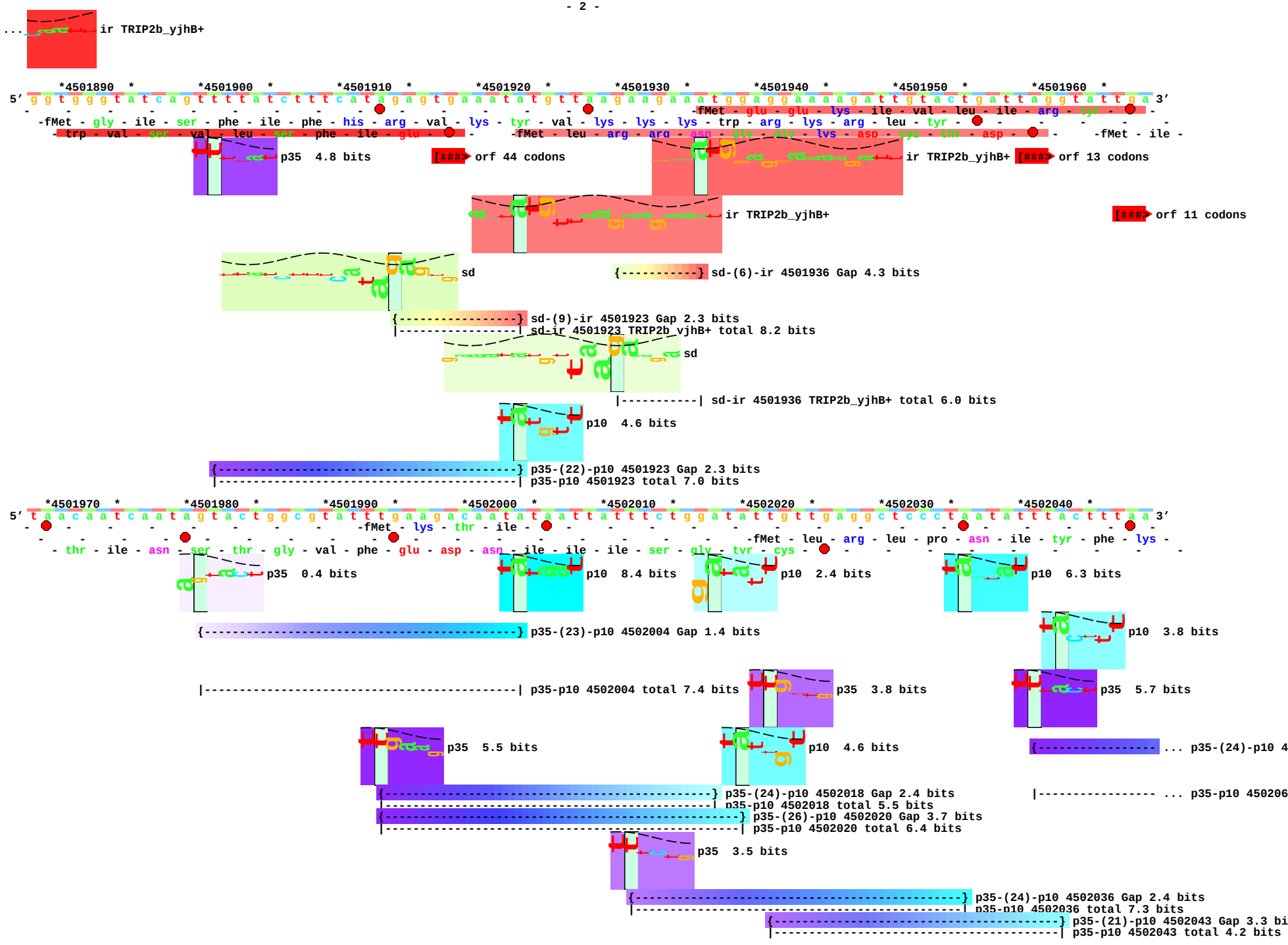
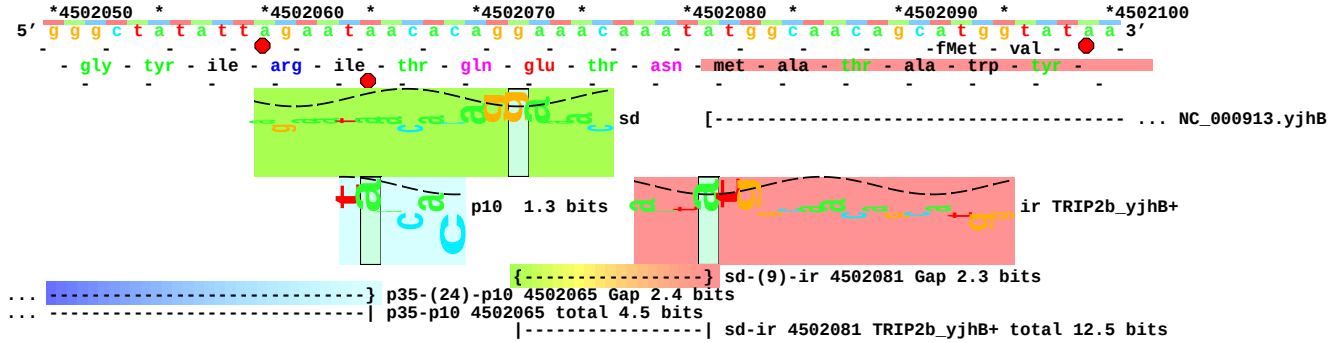
piece 1, NC_000913, TRIP2b_yjhB+, config: linear, direction: +, begin: 4501564, end: 4502100




ir TRIP2b_yjhB+
*4501890
*4501900
*4501910
*4501920
*4501930
*4501940
*4501950
*4501960
5' g g t g g g t a t c a g t t t t a t c t t t c a t a g a g t g a a a t a t g t t a a g a a g a a a t g g a g g a a a a g a t t g t a c t g a t t a g g t a t t g a 3'
-fMet - gly - ile - ser - phe - ile - phe - his - arg - val - lys - tyr - val - lys - lys - lys - trp - arg - lys - arg - leu - tyr -
-trp - val - ser - val - leu - ser - phe - ile - glu -
-fMet - glu - glu - lys - ile - val - leu - ile - arg - tyr -
-fMet - leu - arg - arg - asn - gly - gly - lys - asp - cys - thr - asp -
-fMet - ile -
p35 4.8 bits
[###> orf 44 codons
ir TRIP2b_yjhB+
[###> orf 13 codons
ir TRIP2b_yjhB+
[###> orf 11 codons
sd
{----------} sd-(6)-ir 4501936 Gap 4.3 bits
{----------} sd-(9)-ir 4501923 Gap 2.3 bits
|----------| sd-ir 4501923 TRIP2b_yjhB+ total 8.2 bits
sd
|----------| sd-ir 4501936 TRIP2b_yjhB+ total 6.0 bits
p10 4.6 bits
{----------} p35-(22)-p10 4501923 Gap 2.3 bits
|----------| p35-p10 4501923 total 7.0 bits
*4501970
*4501980
*4501990
*4502000
*4502010
*4502020
*4502030
*4502040
5' t a a c a a t c a a t a g t a c t g g c g t a t t t g a a g a c a a t a t a a t t a t t t c t g g a t a t t g t t g a g g c t c c c t a a t a t t t a c t t t a a 3'
-fMet - lys - thr - ile -
-fMet - leu - arg - leu - pro - asn - ile - tyr - phe - lys -
- thr - ile - asn - ser - thr - gly - val - phe - glu - asp - asn - ile - ile - ile - ser - gly - tyr - cys -
p35 0.4 bits
p10 8.4 bits
p10 2.4 bits
p10 6.3 bits
{----------} p35-(23)-p10 4502004 Gap 1.4 bits
p10 3.8 bits
|----------| p35-p10 4502004 total 7.4 bits
p35 3.8 bits
p35 5.7 bits
p35 5.5 bits
p10 4.6 bits
{---------- ... p35-(24)-p10 4
{----------} p35-(24)-p10 4502018 Gap 2.4 bits
|----------| p35-p10 4502018 total 5.5 bits
|---------- ... p35-p10 450206
{----------} p35-(26)-p10 4502020 Gap 3.7 bits
|----------| p35-p10 4502020 total 6.4 bits
p35 3.5 bits
{----------} p35-(24)-p10 4502036 Gap 2.4 bits
|----------| p35-p10 4502036 total 7.3 bits
{----------} p35-(21)-p10 4502043 Gap 3.3 bi
|----------| p35-p10 4502043 total 4.2 bits


*4502050
*4502060
*4502070
*4502080
*4502090
*4502100
5′ g g g c t a t a t t a g a a t a a c a c a g g a a a c a a a t a t g g c a a c a g c a t g g t a t a a 3′
-fMet - val -
- gly - tyr - ile - arg - ile - thr - gln - glu - thr - asn - met - ala - thr - ala - trp - tyr -
sd
[---------- ... NC_000913.yjhB
p10 1.3 bits
ir TRIP2b_yjhB+
{----------} sd-(9)-ir 4502081 Gap 2.3 bits
... ----------} p35-(24)-p10 4502065 Gap 2.4 bits
... ----------| p35-p10 4502065 total 4.5 bits
|----------| sd-ir 4502081 TRIP2b_yjhB+ total 12.5 bits