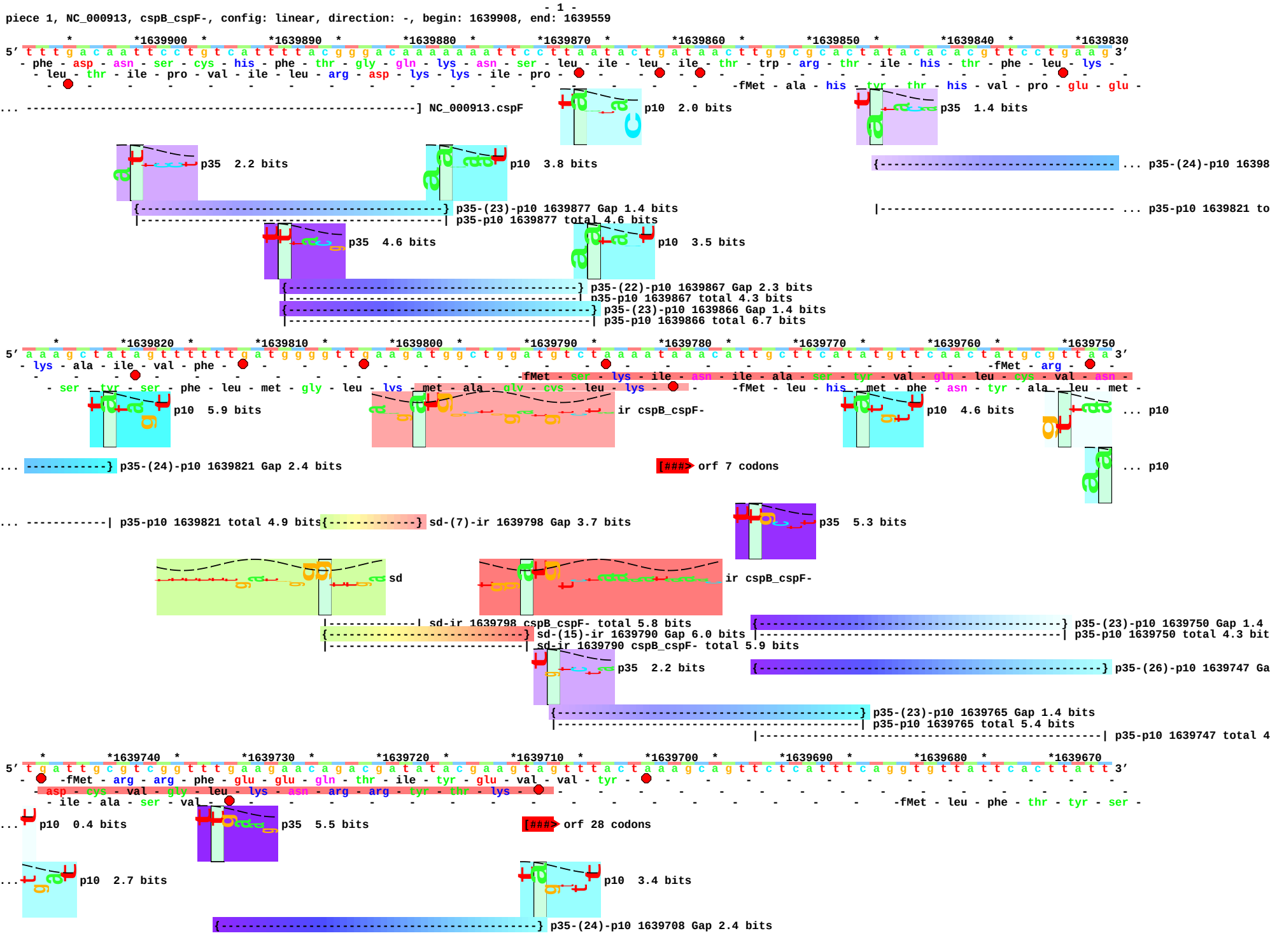
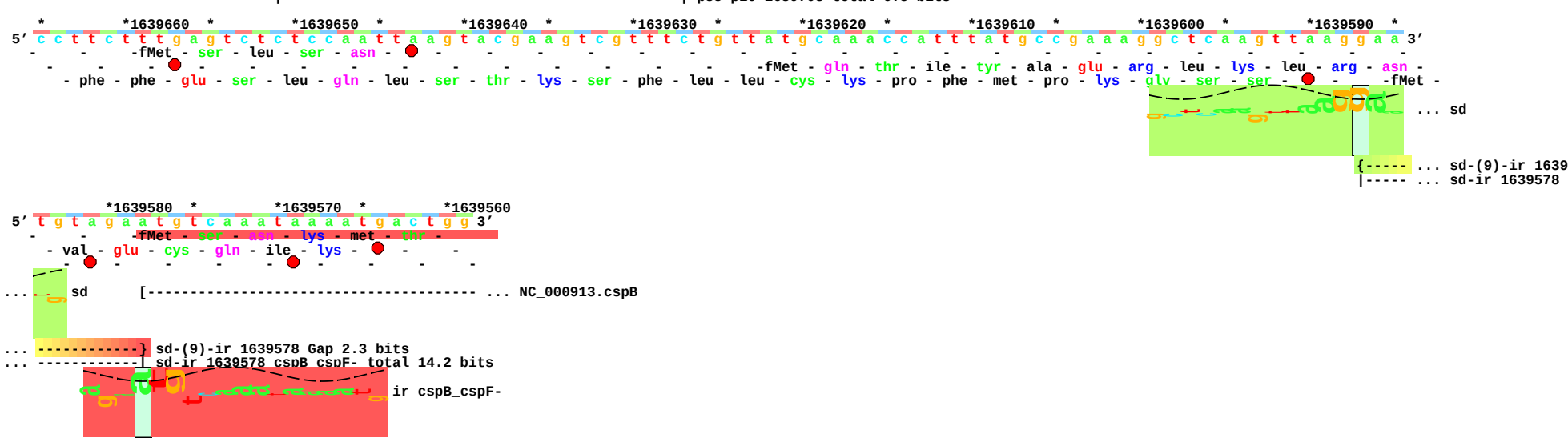

piece 1, NC_000913, cspB_cspF-, config: linear, direction: -, begin: 1639908, end: 1639559
*1639900 *1639890 *1639880 *1639870 *1639860 *1639850 *1639840 *1639830
5′ t t t g a c a a t t c c t g t c a t t t t a c g g g a c a a a a a a t t c c t t a a t a c t g a t a a c t t g g c g c a c t a t a c a c a c g t t c c t g a a g 3′
- phe - asp - asn - ser - cys - his - phe - thr - gly - gln - lys - asn - ser - leu - ile - leu - ile - thr - trp - arg - thr - ile - his - thr - phe - leu - lys -
- leu - thr - ile - pro - val - ile - leu - arg - asp - lys - lys - ile - pro - -fMet - ala - his - tyr - thr - his - val - pro - glu - glu -
...] NC_000913.cspF
p10 2.0 bits
p35 1.4 bits
p35 2.2 bits
p10 3.8 bits
{ ... p35-(24)-p10 16398
} p35-(23)-p10 1639877 Gap 1.4 bits
| p35-p10 1639877 total 4.6 bits
| ... p35-p10 1639821 to
p35 4.6 bits
p10 3.5 bits
} p35-(22)-p10 1639867 Gap 2.3 bits
| p35-p10 1639867 total 4.3 bits
} p35-(23)-p10 1639866 Gap 1.4 bits
| p35-p10 1639866 total 6.7 bits
*1639820 *1639810 *1639800 *1639790 *1639780 *1639770 *1639760 *1639750
5′ a a a g c t a t a g t t t t t g a t g g g g t t g a a g a t g g c t g g a t g t c t a a a t a a a c a t t g c t t c a t a t g t t c a a c t a t g c g t t a a 3′
- lys - ala - ile - val - phe - -fMet - arg -
-fMet - ser - lys - ile - asn - ile - ala - ser - tyr - val - gln - leu - cys - val - asn -
- ser - tyr - ser - phe - leu - met - gly - leu - lys - met - ala - glv - cys - leu - lys - -fMet - leu - his - met - phe - asn - tyr - ala - leu - met -
p10 5.9 bits
ir cspB_cspF-
p10 4.6 bits
... p10
... } p35-(24)-p10 1639821 Gap 2.4 bits
[###> orf 7 codons
... p10
... | p35-p10 1639821 total 4.9 bits{ } sd-(7)-ir 1639798 Gap 3.7 bits
p35 5.3 bits
sd
ir cspB_cspF-
| sd-ir 1639798 cspB_cspF- total 5.8 bits
{ } p35-(23)-p10 1639750 Gap 1.4
} sd-(15)-ir 1639790 Gap 6.0 bits | p35-p10 1639750 total 4.3 bit
| sd-ir 1639790 cspB_cspF- total 5.9 bits
p35 2.2 bits
{ } p35-(26)-p10 1639747 Ga
{ } p35-(23)-p10 1639765 Gap 1.4 bits
| p35-p10 1639765 total 5.4 bits
| p35-p10 1639747 total 4
*1639740 *1639730 *1639720 *1639710 *1639700 *1639690 *1639680 *1639670
5′ t g a t t g c g t c g g t t t g a a g a a c a g a c g a t a t a c g a a g t a g t t t a c t a a a g c a g t t c t c a t t t c a g g t g t t a t t c a c t t a t t 3′
- -fMet - arg - arg - phe - glu - glu - gln - thr - ile - tyr - glu - val - val - tyr -
- asp - cys - val - gly - leu - lys - asn - arg - arg - tyr - thr - lys -
- ile - ala - ser - val -
-fMet - leu - phe - thr - tyr - ser -
... p10 0.4 bits
p35 5.5 bits
[###> orf 28 codons
... p10 2.7 bits
p10 3.4 bits
{ } p35-(24)-p10 1639708 Gap 2.4 bits


|---| p35-p10 1639708 total 6.5 bits
*1639660 *1639650 *1639640 *1639630 *1639620 *1639610 *1639600 *1639590 *
5′ c c t t c t t t g a g t c t c t c c a a t t a a g t a c g a a g t c g t t t c t g t t a t g c a a a c c a t t t a t g c c g a a a g g c t c a a g t t a a g g a a 3′
-fMet - ser - leu - ser - asn - -fMet - gln - thr - ile - tyr - ala - glu - arg - leu - lys - leu - arg - asn -
- phe - phe - glu - ser - leu - gln - leu - ser - thr - lys - ser - phe - leu - leu - cys - lys - pro - phe - met - pro - lys - glv - ser - ser - -fMet -
... sd
{----- ... sd-(9)-ir 1639
|----- ... sd-ir 1639578
*1639580 *1639570 *1639560
5′ t g t a g a a t g t c a a a t a a a a t g a c t g g 3′
-fMet - ser - asn - lys - met - thr -
- val - glu - cys - gln - ile - lys - -
sd [---------- ... NC_000913.cspB
... ----------} sd-(9)-ir 1639578 Gap 2.3 bits
... ----------| sd-ir 1639578 cspB cspF- total 14.2 bits
ir cspB_cspF-