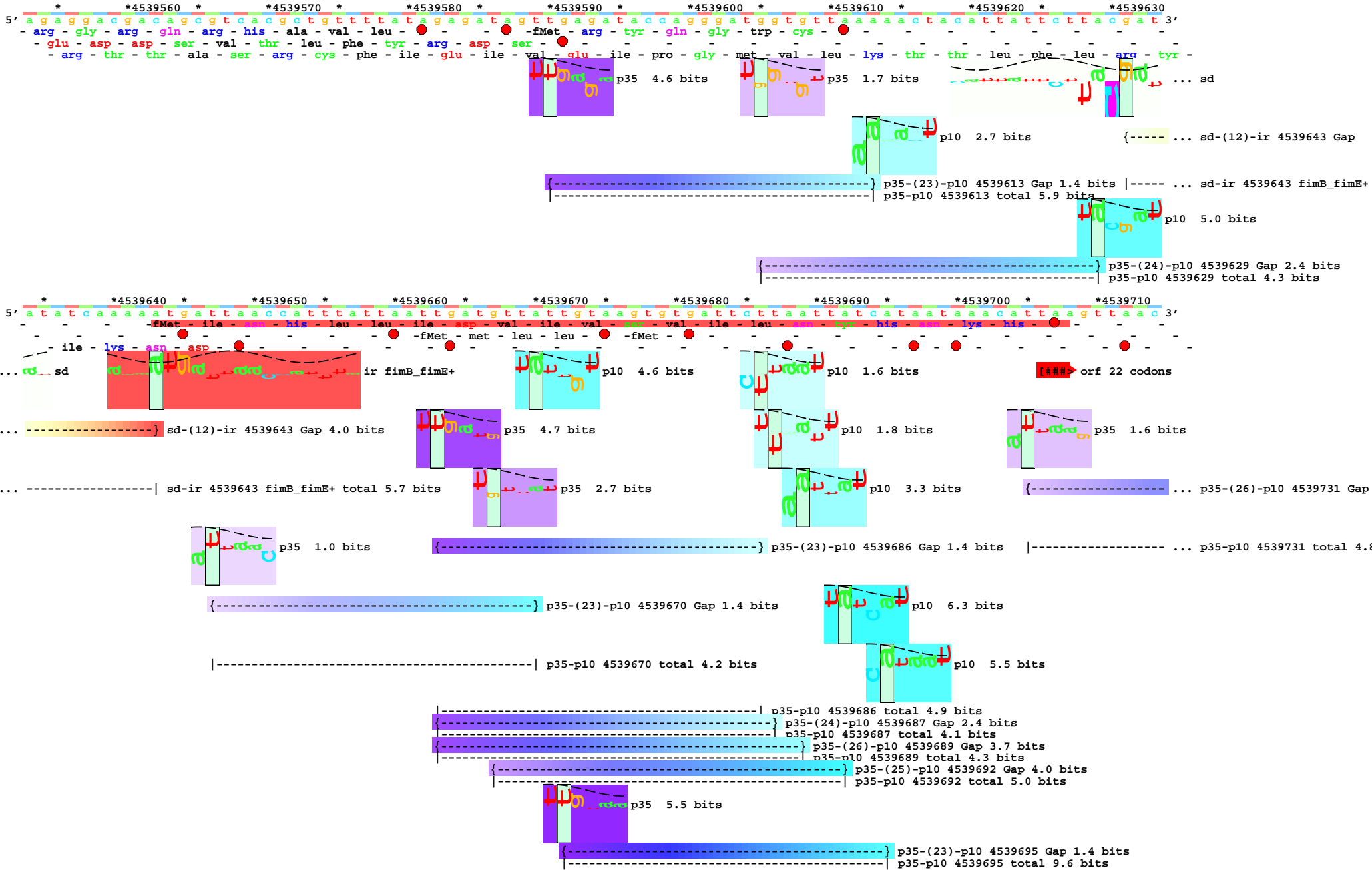


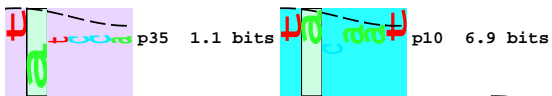
piece 1, NC_000913, fimB_fimE+, config: linear, direction: +, begin: 4539553, end: 4540079



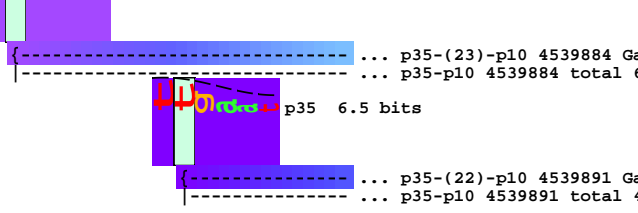
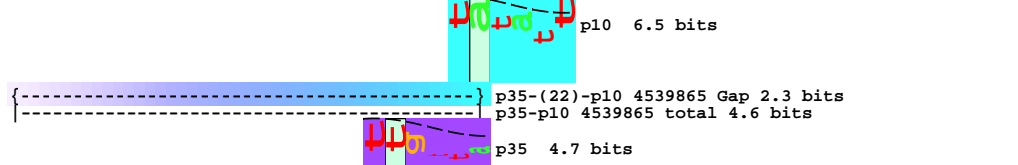
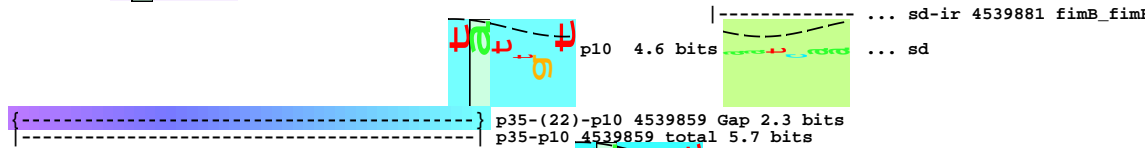
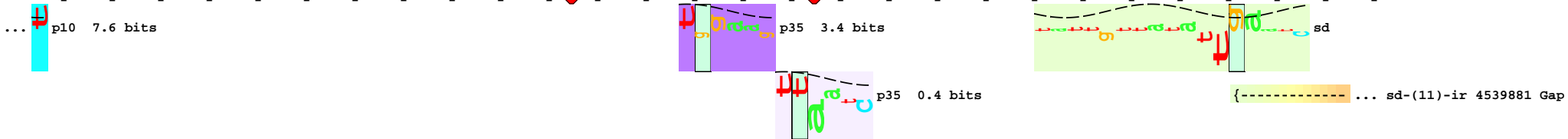
5' *catatccatacaaaaatacaaatgggtttatgttcttcaaaaataaataaaacaaaatcattccataaaatttacacatcacttaaaa* 3'

-fMet- val - *tyr* - val - leu - *gln* - *asn* - *lys* - *lys* - *gln* - *asn* - *his* - *ser* -

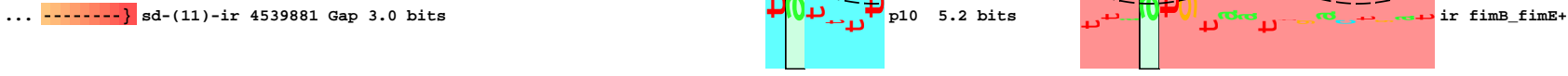
-fMet- phe - phe - *lys* - ile - *asn* - *lys* - *gln* - *asn* - *his* - *ser* -



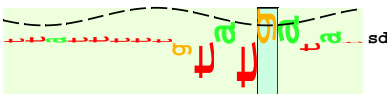
5' ^{*4539800 *} t c t c c t g t t t c c g c a c t t t t t t c t t t a t t t t t t a a g c a a c t g g a a g t t a a t c c a c t g c a a t c t a t t g t t a t a t t g a a t c a a 3'
 -fMet - leu - tyr -fMet - asn - gln



5' ^{*4539880 *} a t c a a t g a a a a t a g a t g t t g t c a c a t c a g t g a t a t t t t t t t t t t t g t a t g a t a t t t a a t g t a a t t g a c t g a t a g c c a c a t c a 3'
 - ile - asn - glu - asn - arg - cys - cys - his - ile - ser - asp - ile - leu - phe - leu - tyr - asp - ile - fMet - lys - ile - asp - val - val - thr - ser - val - ile - phe - tyr - phe - cys - met - ile - phe - val - ile - asp - fMet - leu - ser - his - gln - fMet - thr - asp - ser - his - ile - thr

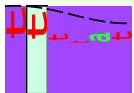


... -----| sd-ir 4539881 fimB_fimE+ total 8.9 bits



[###] orf 2 codons

... -----| sd p10 0.5 bits



-----| sd-(8)-ir 4539933 Gap 2.4 bits

-----| ir fimB_fimE+

-----| sd-ir 4539933 fimB_fimE+ total 5.3 bits

-----| sd-(8)-ir 4539891 Gap 2.4 bits



-----| p10 1.4 bits

-----| sd-ir 4539891 fimB_fimE+ total 5.2 bits -----| p35-(23)-p10 4539935 Gap 1.4 bits

-----| p10 3.6 bits

-----| p35-p10 4539935 total 4.8 bits

-----| p35 0.7 bits

-----| p35-(23)-p10 4539884 Gap 1.4 bits
-----| p35-p10 4539884 total 6.8 bits

-----| p35-(22)-p10 4539891 Gap 2.3 bits
-----| p35-p10 4539915 total 4.5 bits
-----| p35-p10 4539891 total 4.7 bits

-----| p35 5.5 bits

-----| p35-(23)-p10 4539918 Gap 1.4 bits
-----| p35-p10 4539918 total 4.7 bits

*4539960 * *4539970 * *4539980 * *4539990 * *4540000 * *4540010 * *4540020 * *4540030 *
5' c t c c g t g t g t g g t t a t c t t t t a t c t a t t g g g c t a a t t t t g a c c g a t t g a g g t t t c c t a t a g g t a t t c a t t c a a a t a t a t c 3'
- fMet - trp - leu - ser - phe - tyr - leu - leu - leu - gly - ala - asn - phe - asp - arg - leu - arg - phe - pro - ile - gly - ile - his - ser - asn - ile - ser -
- pro - cys - val - val - ile - phe - leu - ser - ile - gly - leu - ile - leu - thr - asp -

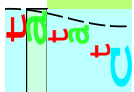
-----| p35 2.6 bits

-----| p10 4.4 bits

-----| p35 5.3 bits

... sd

-----| p35-(24)-p10 4539992 Gap 2.4 bits

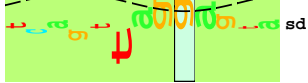


-----| p10 2.2 bits

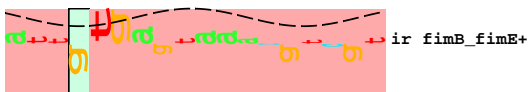
-----| p35-p10 4539992 total 4.6 bits

-----| p35-(23)-p10 4540034 Gap 1.4 bits
-----| p35-p10 4540034 total 6.1 bits

*4540040 * *4540050 * *4540060 * *4540070 *
5' t c a g t t a g g a g t a c t a c t a t t g t g a g t a a a c g t c g t t a t c t 3'
- fMet - ser - lys - arg - arg - tyr -
- gln - leu - gly - val - leu - leu - leu -



-----| ... NC_000913.fimE



-----| sd-(13)-ir 4540060 Gap 4.6 bits
-----| sd-ir 4540060 fimB_fimE+ total 6.8 bits

