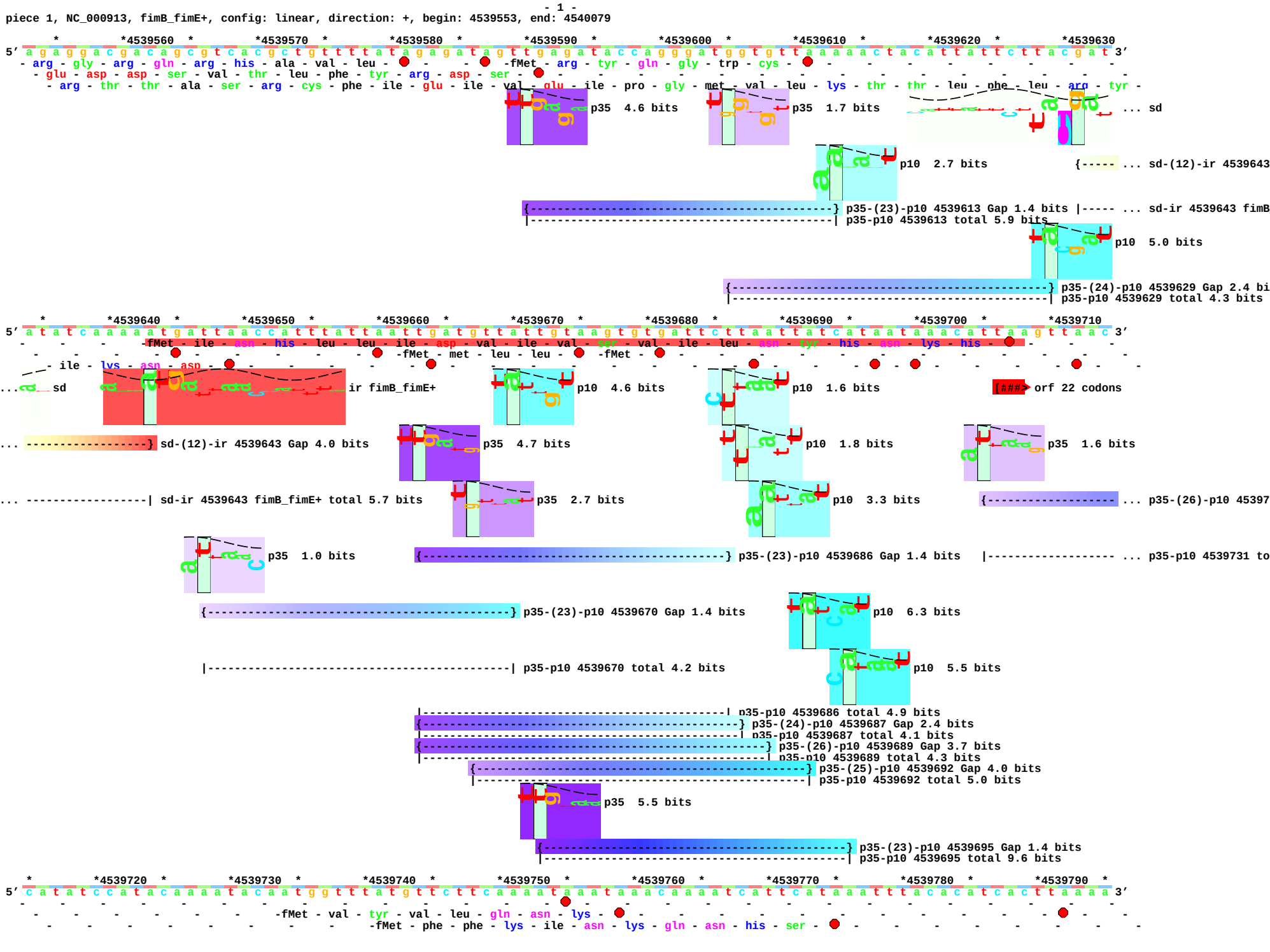
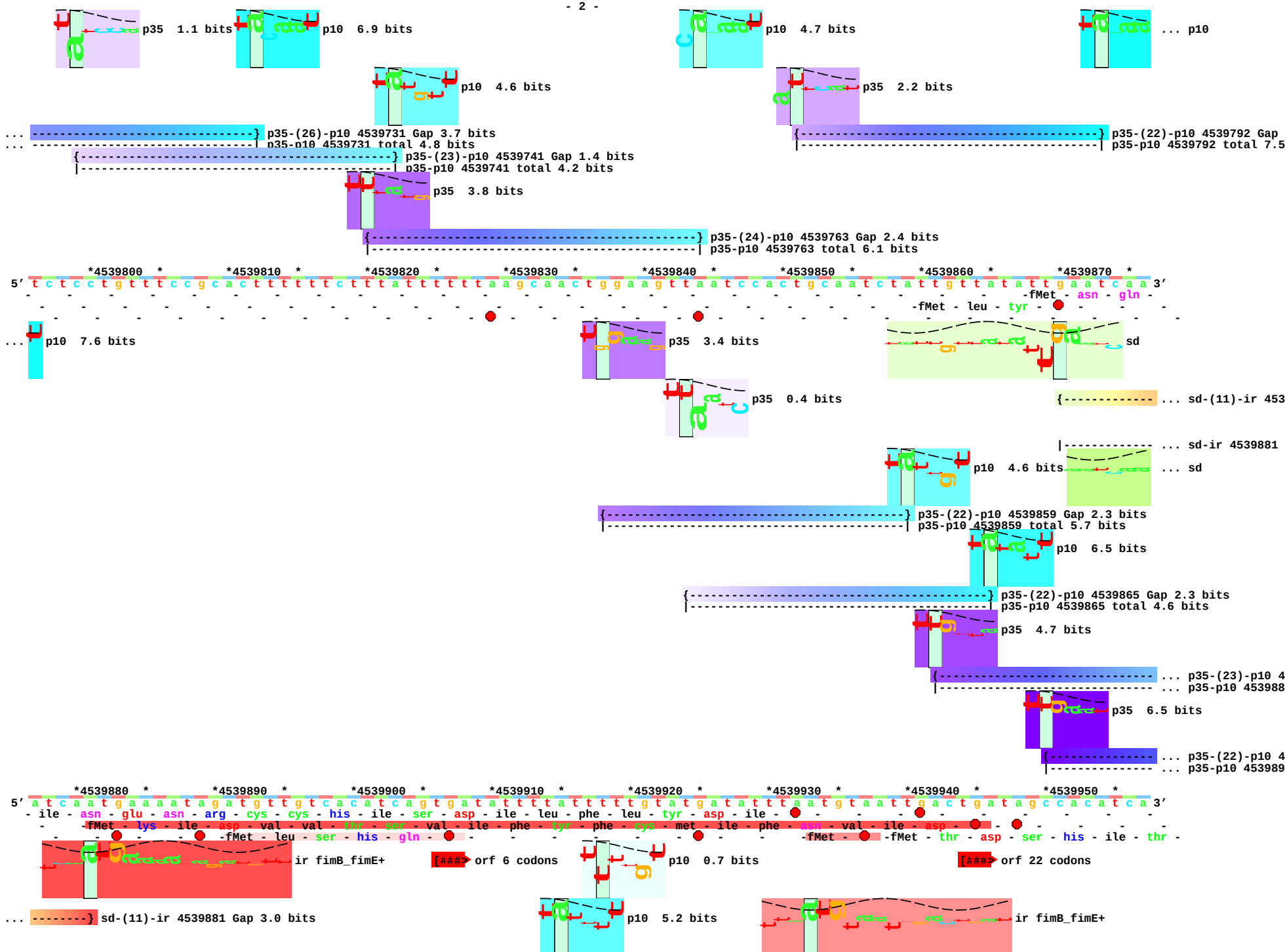
piece 1, NC_000913, fimB_fimE+, config: linear, direction: +, begin: 4539553, end: 4540079




p35 1.1 bits
p10 6.9 bits
p10 4.7 bits
... p10
p10 4.6 bits
p35 2.2 bits
... p35-(26)-p10 4539731 Gap 3.7 bits
... p35-p10 4539731 total 4.8 bits
p35-(22)-p10 4539792 Gap
p35-p10 4539792 total 7.5
p35-(23)-p10 4539741 Gap 1.4 bits
p35-p10 4539741 total 4.2 bits
p35 3.8 bits
p35-(24)-p10 4539763 Gap 2.4 bits
p35-p10 4539763 total 6.1 bits
*4539800 *4539810 *4539820 *4539830 *4539840 *4539850 *4539860 *4539870 *
5' t c t c c t g t t t c c g c a c t 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 - asn - gln -
-fMet - leu - tyr -
... p10 7.6 bits
p35 3.4 bits
sd
p35 0.4 bits
... sd-(11)-ir 453
... sd-ir 4539881
p10 4.6 bits
... sd
p35-(22)-p10 4539859 Gap 2.3 bits
p35-p10 4539859 total 5.7 bits
p10 6.5 bits
p35-(22)-p10 4539865 Gap 2.3 bits
p35-p10 4539865 total 4.6 bits
p35 4.7 bits
... p35-(23)-p10 4
... p35-p10 453988
p35 6.5 bits
... p35-(22)-p10 4
... p35-p10 453989
*4539880 *4539890 *4539900 *4539910 *4539920 *4539930 *4539940 *4539950 *
5' 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 a t t t t t g t a t g a t a 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 - asn - val - ile - asp -
-fMet - leu - ser - his - gln -
-fMet -
-fMet - thr - asp - ser - his - ile - thr -
ir fimB_fimE+
[###> orf 6 codons
p10 0.7 bits
[###> orf 22 codons
... sd-(11)-ir 4539881 Gap 3.0 bits
p10 5.2 bits
ir fimB_fimE+

... --------| sd-ir 4539881 fimB_fimE+ total 8.9 bits
sd
[###> orf 2 codons
sd
p10 0.5 bits
p35 4.8 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 4539915 Gap 1.4 bits
... {----------} p35-(23)-p10 4539884 Gap 1.4 bits
... |----------| p35-p10 4539884 total 6.8 bits
|----------| p35-p10 4539915 total 4.5 bits
... {----------} p35-(22)-p10 4539891 Gap 2.3 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 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 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 - gly -
- -fMet - cys - gly - tyr - leu - phe - ile - tyr - trp - 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.
|----------| p35-p10 4540034 total 6.1 b
*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′
- -
- gln - leu - gly - val - leu - leu - leu -
... sd
[---------- ... NC_000913.fimE
ir fimB_fimE+
{----------} sd-(13)-ir 4540060 Gap 4.6 bits
|----------| sd-ir 4540060 fimB_fimE+ total 6.8 bits