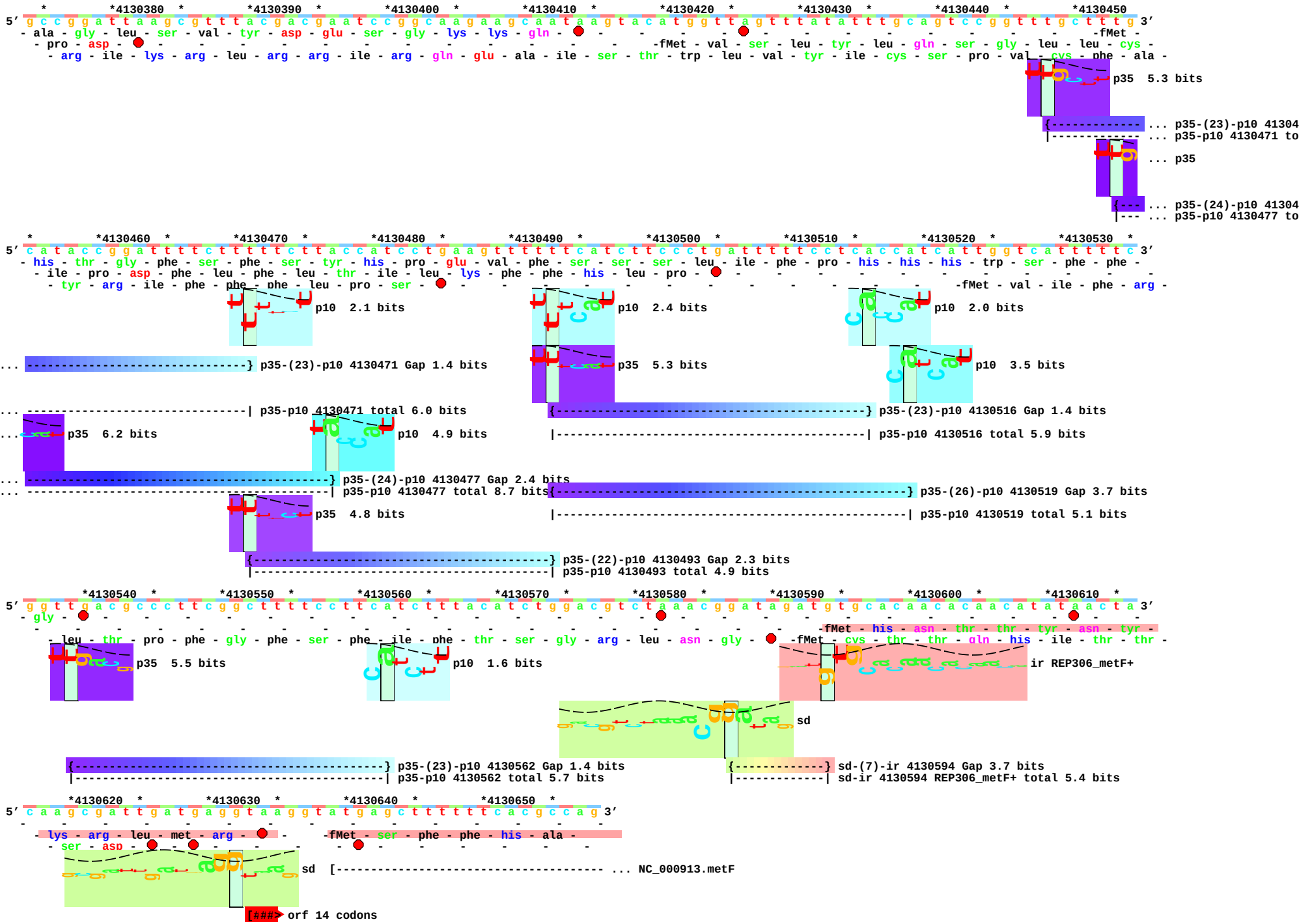
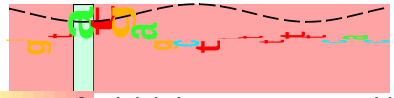
piece 1, NC_000913, REP306_metF+, config: linear, direction: +, begin: 4130374, end: 4130658


*4130380 *4130390 *4130400 *4130410 *4130420 *4130430 *4130440 *4130450
5' g c c g g a t t a a g c g t t t a c g a c g a a t c c g g c a a g a a g c a a t a a g t a c a t g g t t a g t t t a t a t t t g c a g t c c g g t t t g c t t t g 3'
- ala - gly - leu - ser - val - tyr - asp - glu - ser - gly - lys - lys - gln - - - - - - - - - - - - - - - - -fMet -
- pro - asp - - - - - - - - - - - - - - - - -fMet - val - ser - leu - tyr - leu - gln - ser - gly - leu - leu - cys -
- arg - ile - lys - arg - leu - arg - arg - ile - arg - gln - glu - ala - ile - ser - thr - trp - leu - val - tyr - ile - cys - ser - pro - val - cys - phe - ala -
p35 5.3 bits
{---------- ... p35-(23)-p10 41304
|---------- ... p35-p10 4130471 to
... p35
{--- ... p35-(24)-p10 41304
|--- ... p35-p10 4130477 to
*4130460 *4130470 *4130480 *4130490 *4130500 *4130510 *4130520 *4130530
5' c a t a c c g g a t t t t c t t t t t c t t a c c a t c c t g a a g t t t t t t c a t c t t c c c t g a t t t t t c c t c a c c a t c a t t g g t c a t t t t t c 3'
- his - thr - gly - phe - ser - phe - ser - tyr - his - pro - glu - val - phe - ser - ser - ser - ser - leu - ile - phe - pro - his - his - his - trp - ser - phe - phe -
- ile - pro - asp - phe - leu - phe - leu - thr - ile - leu - lys - phe - phe - his - leu - pro - - - - - - - - - - - - - - - -
- tyr - arg - ile - phe - phe - phe - leu - pro - ser - - - - - - - - - - - - - - -fMet - val - ile - phe - arg -
p10 2.1 bits
p10 2.4 bits
p10 2.0 bits
... ----------} p35-(23)-p10 4130471 Gap 1.4 bits
p35 5.3 bits
p10 3.5 bits
... ----------| p35-p10 4130471 total 6.0 bits
{----------} p35-(23)-p10 4130516 Gap 1.4 bits
... p35 6.2 bits
p10 4.9 bits
|----------| p35-p10 4130516 total 5.9 bits
... ----------} p35-(24)-p10 4130477 Gap 2.4 bits
... ----------| p35-p10 4130477 total 8.7 bits
{----------} p35-(26)-p10 4130519 Gap 3.7 bits
p35 4.8 bits
|----------| p35-p10 4130519 total 5.1 bits
{----------} p35-(22)-p10 4130493 Gap 2.3 bits
|----------| p35-p10 4130493 total 4.9 bits
*4130540 *4130550 *4130560 *4130570 *4130580 *4130590 *4130600 *4130610
5' g g t t g a c g c c c t t c g g c t t t t c c t t c a t c t t t a c a t c t g g a c g t c t a a a c g g a t a g a t g t g c a c a a c a c a a c a t a t a a c t a 3'
- gly - - - - - - - - - - - - - - - -



ir REP306_metF+

{----------} sd-(7)-ir 4130639 Gap 3.7 bits
|----------| sd-ir 4130639 REP306_metF+ total 6.2 bits