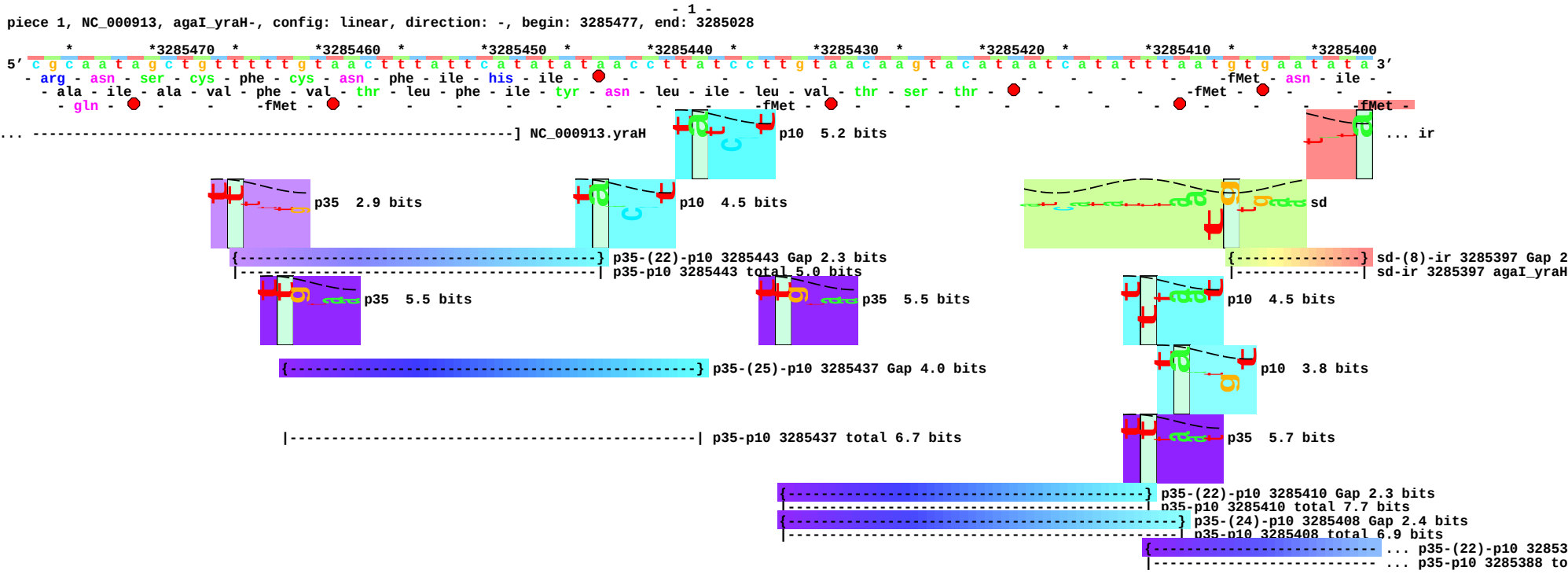
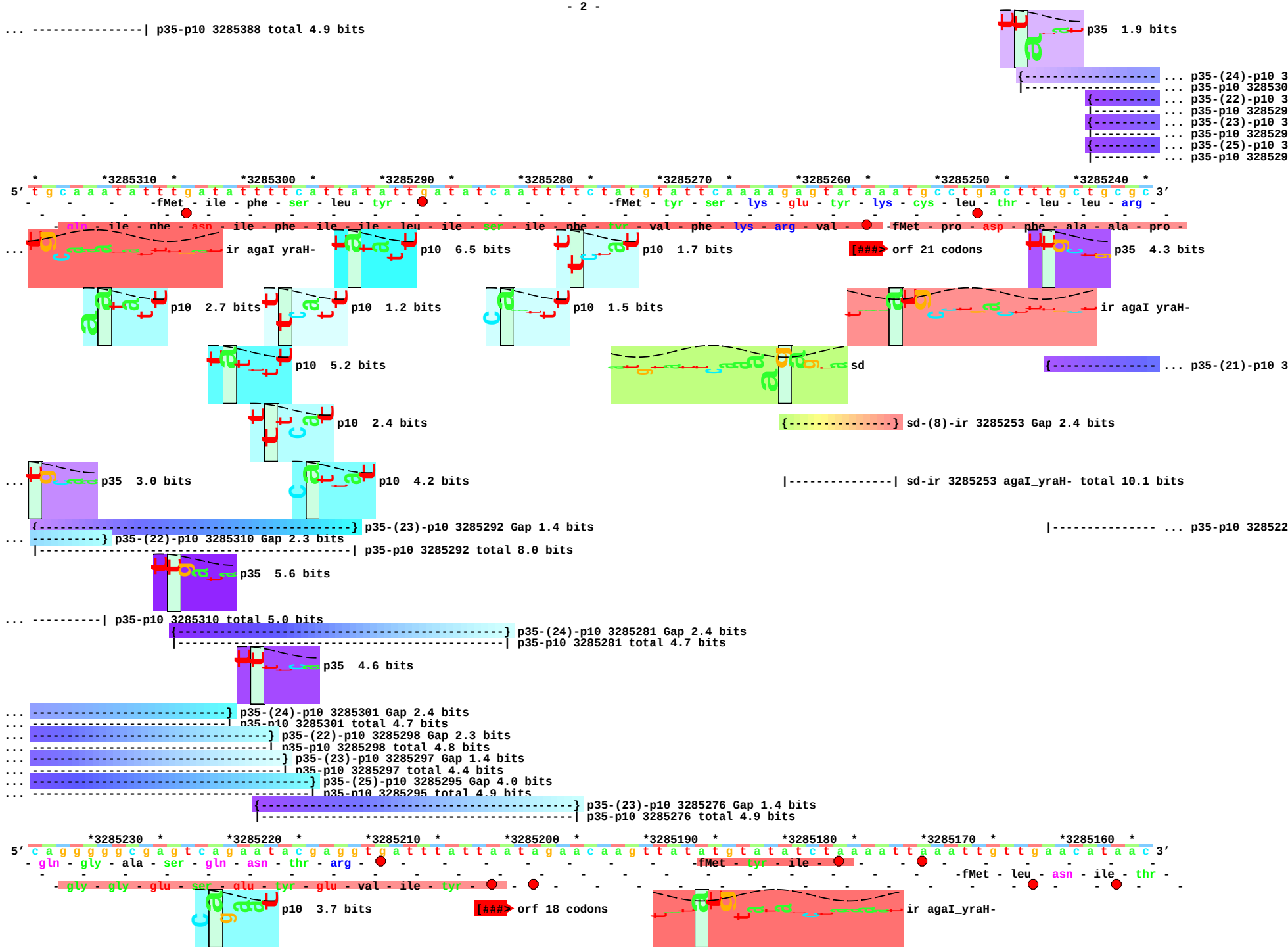
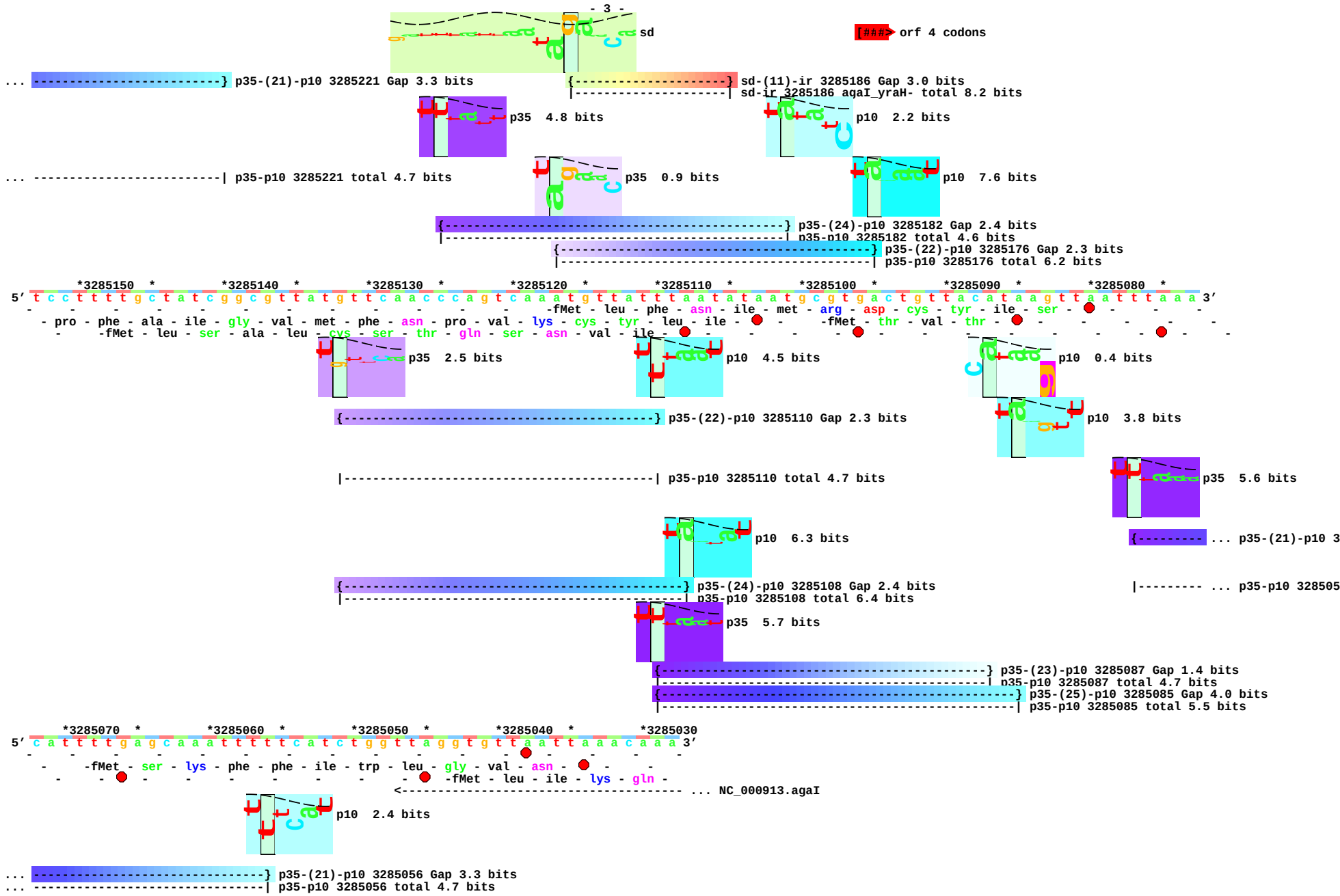
piece 1, NC_000913, agaI_yraH-, config: linear, direction: -, begin: 3285477, end: 3285028




... ----------| p35-p10 3285388 total 4.9 bits
p35 1.9 bits
{---------- ... p35-(24)-p10 3
|---------- ... p35-p10 328530
{--------- ... p35-(22)-p10 3
|--------- ... p35-p10 328529
{--------- ... p35-(23)-p10 3
|--------- ... p35-p10 328529
{--------- ... p35-(25)-p10 3
|--------- ... p35-p10 328529
*3285310 *3285300 *3285290 *3285280 *3285270 *3285260 *3285250 *3285240 *
5' t g c a a a t a t t t g a t a t t t t c a t t a t a t t g a t a t c a a t t t t c t a t g t a t t c a a a a g a g t a t a a a t g c c t g a c t t t g c t g c g c 3'
- - - -fMet - ile - phe - ser - leu - tyr - - - - - -fMet - tyr - ser - lys - glu - tyr - lys - cys - leu - thr - leu - leu - arg -
- - - - - -


- 3 -
sd
[###> orf 4 codons
... } p35-(21)-p10 3285221 Gap 3.3 bits
{ } sd-(11)-ir 3285186 Gap 3.0 bits
| | sd-ir 3285186 agaI_yraH- total 8.2 bits
p35 4.8 bits
p10 2.2 bits
... | p35-p10 3285221 total 4.7 bits
p35 0.9 bits
p10 7.6 bits
{ } p35-(24)-p10 3285182 Gap 2.4 bits
| | p35-p10 3285182 total 4.6 bits
{ } p35-(22)-p10 3285176 Gap 2.3 bits
| | p35-p10 3285176 total 6.2 bits
*3285150 *3285140 *3285130 *3285120 *3285110 *3285100 *3285090 *3285080
5' t c c t t t t g c t a t c g g c g t t a t g t t c a a c c c a g t c a a a t g t t a t t t a a t a t a a t g c g t g a c t g t t a c a t a a g t t a a t t t a a a 3'
- pro - phe - ala - ile - gly - val - met - phe - asn - pro - val - lys - cys - tyr - leu - ile - -fMet - leu - phe - asn - ile - met - arg - asp - cys - tyr - ile - ser -
- -fMet - leu - ser - ala - leu - cys - ser - thr - gln - ser - asn - val - ile - -fMet - thr - val - thr -
p35 2.5 bits
p10 4.5 bits
p10 0.4 bits
{ } p35-(22)-p10 3285110 Gap 2.3 bits
p10 3.8 bits
| | p35-p10 3285110 total 4.7 bits
p35 5.6 bits
p10 6.3 bits
{ ... p35-(21)-p10 3
{ } p35-(24)-p10 3285108 Gap 2.4 bits
| | p35-p10 3285108 total 6.4 bits
| ... p35-p10 328505
p35 5.7 bits
{ } p35-(23)-p10 3285087 Gap 1.4 bits
| | p35-p10 3285087 total 4.7 bits
{ } p35-(25)-p10 3285085 Gap 4.0 bits
| | p35-p10 3285085 total 5.5 bits
*3285070 *3285060 *3285050 *3285040 *3285030
5' c a t t t t g a g c a a a t t t t t c a t c t g g t t a g g t g t t a a t t a a a c a a a 3'
- fMet - ser - lys - phe - phe - ile - trp - leu - gly - val - asn -
- -fMet - leu - ile - lys - gln -
<- ... NC_000913.agaI
p10 2.4 bits
... } p35-(21)-p10 3285056 Gap 3.3 bits
... | p35-p10 3285056 total 4.7 bits