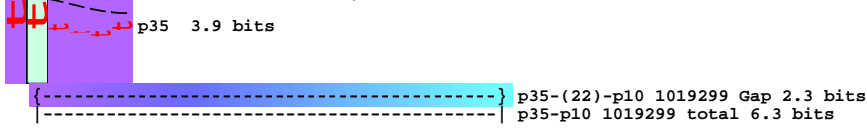
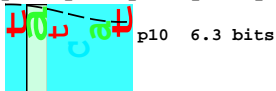


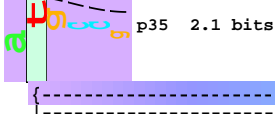
piece 1, NC_000913, ompA_sula+, config: linear, direction: +, begin: 1019247, end: 1019652

5' ^{*1019250 *} ^{*1019260 *} ^{*1019270 *} ^{*1019280 *} ^{*1019290 *} ^{*1019300 *} ^{*1019310 *} ^{*1019320 *}
 c a c t g c a a t c g c g a t a g c t g t c t t t t c a t t t t t t g c g c c t c g t t a t c a t c c a a a a t a c g c c a t g a a t a t c t c c a a c g a g a 3'
 - his - cys - asn - arg - asp - ser - cys - leu - phe - his - phe - leu - arg - leu - val - ile - ile - gln - asn - thr - pro - - -
 - thr - ala - ile - ala - ile - ala - val - phe - phe - ile - phe - cys - ala - ser - leu - ser - ser - lys - ile - arg - his - glu - tyr - leu - gln - arg - asp -
 - leu - gln - ser - arg - - - -fMet - asn - ile - ser - asn - glu - ile -

... -----] NC_000913.ompA

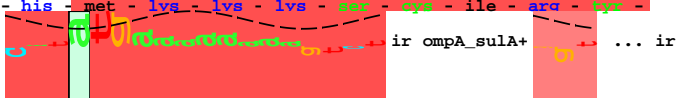
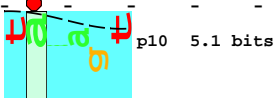


5' ^{*1019330 *} ^{*1019340 *} ^{*1019350 *} ^{*1019360 *} ^{*1019370 *} ^{*1019380 *} ^{*1019390 *} ^{*1019400 *}
 t a a c a c g g t t a a a t c c t t c a c c g g g g g a t c t g c t c a a t a t t a a c t c t a c c g a t a t c t t c g g c t t a t g c c g a g c a c c c c t g g 3'
 - asn - thr - val - lys - ser - phe - thr - gly - gly - ser - ala - gln - tyr - - - -fMet - pro - ser - thr - pro - gly -
 - thr - arg - leu - asn - pro - ser - pro - gly - asp - leu - leu - asn - ile - asn - ser - thr - asp - ile - phe - gly - leu - cys - arg - ala - pro - leu - ala -



... p35-(22)-p10 1019415 Gap
... p35-p10 1019415 total 4.8

5' ^{*1019410 *} ^{*1019420 *} ^{*1019430 *} ^{*1019440 *} ^{*1019450 *} ^{*1019460 *} ^{*1019470 *} ^{*1019480 *}
 c g a t g t a a a g t c t a c a a c g t a g t t g a a a a c t t a c a a g t g t g a a c t c g t c a g g c a t a t g a a a a a a a g t c t t g t a t a a g g t 3'
 - asp - val - lys - ser - thr - thr - -fMet - lys - thr - tyr - lys -fMet - cys - glu - leu - arg - gln - ala - tyr - glu - lys - lys - val - leu - tyr - lys - val -
 - met - - - -fMet - asn - ser - val - arg - his - met - lys - lys - lys - ser - cys - ile - arg - tyr -



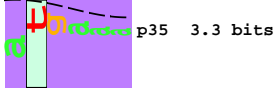
... -----} p35-(22)-p10 1019415 Gap 2.3 bits

{-----} sd-(18)-ir 1019465 Gap 6.9 bits

... p10

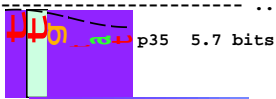
... -----| p35-p10 1019415 total 4.8 bits

|-----| sd-ir 1019465 ompA_sula+ total 5.6 bits



{-----} ... sd-(9)-ir 1019490 Gap

... sd-ir 1019490 ompA_sula+
... p35-(24)-p10 1019490 Gap
... p35-p10 1019490 total 5.5



{-----} ... p35-(23)-p10 1019503 Gap
... p35-p10 1019503 total 4.9

5' ^{*1019490 *} ^{*1019500 *} ^{*1019510 *} ^{*1019520 *} ^{*1019530 *} ^{*1019540 *} ^{*1019550 *} ^{*1019560 *} ^{*1019570 *}
 a t g t t t a a t c t t t t t t t g t c a g c g a c a a t t t a c a g a a g a g a a t c g c g g a a a c c g c t c a g a c a a g c c t c c g c a a g g a a a a t t 3'
 -fMet - phe - asn - leu - phe - cys - gln - arg - gln - phe - thr - glu - glu - asn - arg - gly - asn - arg - phe - arg - gln - ala - ser - ala - ser - lys - ile -
 - cys - leu - ile - phe - phe - val - ser - asp - asn - leu - gln - lys - arg - ile - ala - glu - thr - ala - ser - asp - lys - pro - pro - gln - gly - lys - leu -
 - val - - - -fMet - ser - ala - thr - ile - tyr - arg - arg - glu - ser - arg - lys - pro - leu - gln - thr - ser - leu - arg - lys - glu - asn - -

