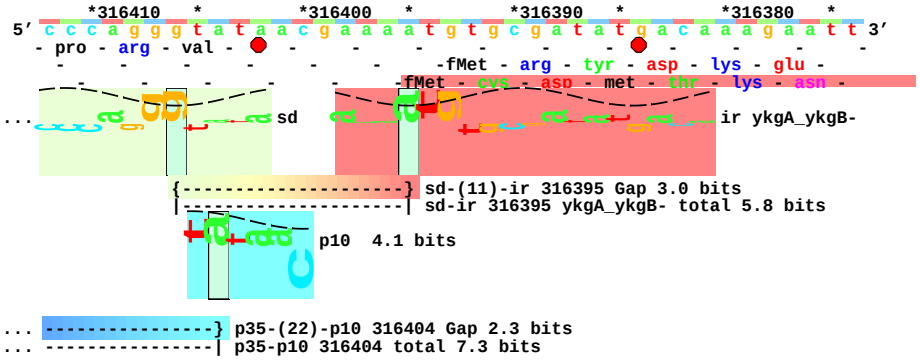
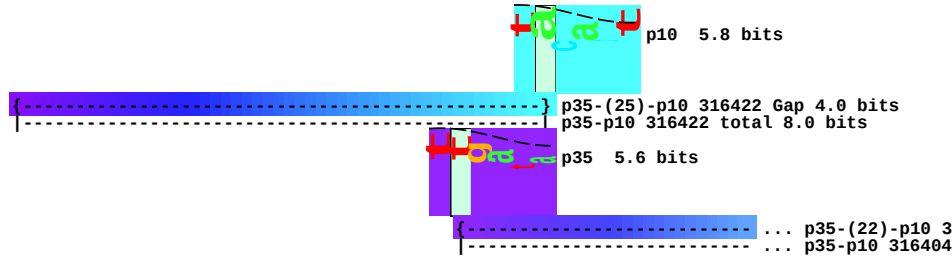
- 1 -
piece 1, NC_000913, ykgA_ykgB-, config: linear, direction: -, begin: 316979, end: 316374
*316970 *316960 *316950 *316940 *316930 *316920 *316910 *316900
5′ t c c a g t t c a a c g t t a a a a a c t g a a t a t t g a t a a t c c g a a c a c t g t c t g t t g t t c a c t t t t t c a g g c g t c a g g c c c c t t t c 3′
- ser - ser - ser - thr - leu - lys - thr - glu - tyr - -fMet - phe - thr - phe - ser - gly - val - arg - pro - pro - phe -
- pro - val - gln - arg - - -

... p35 4.6 bits
p10 7.6 bits
p10 6.3 bits
} p35-(26)-p10 316795 Gap 3.7 bits
| p35-p10 316795 total 7.2 bits
p10 3.6 bits
5′ t t t a c c g a c t c c c c a a c a t a a c c c a a a t c a a g c g a a c t a a t t t g t g c c a t t t c t t t a t c t g t c a g t g a g a a a t c g a t t t t t 3′
-fMet - pro - phe - leu - tyr - leu - ser - val - arg - asn - arg - phe - leu -
- tyr - arg - leu - pro - asn - ile - thr - gln - ile - lys - arg - thr - asn - leu - cys - his - phe - phe - ile - cys - gln -
[###> orf 24 codons
... ir ykgA_ykgB-
5′ g a t g g g c a t c t g c a a t a c t c t g a a g c a g a c t a t a c g g a a a a t t c c a c t g t c a g t c c c t c c a t t a g g c a t g a a c a a t g a g t c 3′
- met - gly - ile - cys - asn - thr - leu - lys - gln - thr - ile - arg - lys - ile - pro - leu - ser - val - pro - pro - leu - gly - met - asn - asn - glu - ser -
-fMet - ser - leu -
... ir
sd
{ sd-(9)-ir 316581 Gap 2.3 bits
| sd-ir 316581 ykgA_ykgB- total 5
5′ t a c g t t a a a a c g t a a c c t c a a a g t a g t a t g t g g a t t t t g a t a t c a c t t a t g c a a a a a a t t c a t t a a t a a t g t a g g a c t g a a a 3′
-fMet - trp - ile - leu - ile - ser - leu - met - gln - lys - ile - his -
- thr - leu - lys - arg - asn - leu - lys - val - val - cys - gly - phe -
- arg -
-fMet - asp - phe - asp - ile - thr - tyr - ala - lys - asn - ser - leu - ile - met -
... ir ykgA_ykgB-
sd
ir ykgA_ykgB-
[###> orf 5 codons
p35 3.6 bits
[###> orf 6 codons
{ sd-(16)-ir 316526 Gap 6.4 bits
| sd-ir 316526 ykgA_ykgB- total 8.8 bits
p35 5.6 bits
p10 3.8 bits
{ p35-(23)-p10 316520 Gap 1.4 bits
| p35-p10 316520 total 6.0 bits
p10 1.2 bits
{ p35-(22)-p10 316515 Gap 2.3 bits
| p35-p10 316515 total 4.4 bits
5′ a c c t c t c t a t t t t c g g g g a c a a c g a a g c a g a c g c t a c c a g t g c t t t t g c c t t c g c c c t t g c t a t t t t t g a t a c a c t t a g g g 3′
-fMet - leu - leu - pro - ser - pro - leu - leu - phe - leu - ile - his - leu - gly -
p35 6.2 bits
... sd


*316410
*316400
*316390
*316380
5′ c c c a g g g t a t a a c g a a a a t g t g c g a t a t g a c a a a g a a t t 3′
- pro - arg - val -
-fMet - arg - tyr - asp - lys - glu -
-fMet - cys - asp - met - thr - lys - asn -
sd
ir ykgA_ykgB-
sd-(11)-ir 316395 Gap 3.0 bits
sd-ir 316395 ykgA_ykgB- total 5.8 bits
p10 4.1 bits
p35-(22)-p10 316404 Gap 2.3 bits
p35-p10 316404 total 7.3 bits


p10 5.8 bits
p35-(25)-p10 316422 Gap 4.0 bits
p35-p10 316422 total 8.0 bits
p35 5.6 bits
... p35-(22)-p10 3
... p35-p10 316404