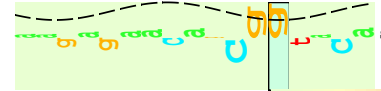
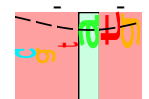


piece 1, NC_000913, ykgJ_yagV+, config: linear, direction: +, begin: 303377, end: 303738

5' ***303380** * ***303390** * ***303400** * ***303410** * ***303420** * ***303430** * ***303440** * ***303450** *
 a c a c g t c a t g c a t g g a t t c a g a t t g c t c a t a a t t c a c c a g t a c a g c t a a a a a t c g t a a a g a g a a c a g c g g t a c a t c g t a t g 3'
 - thr - arg - his - ala - trp - ile - gln - ile - ala - his - asn - ser - pro - val - gln - leu - lys - ile - val - lys - arg - thr - ala - val - his - arg - met -
 - his - val - met - his - gly - phe - arg - leu - leu - ile - ile - his - gln - tyr - ser -
 - thr - ser - cys - met - asp - ser - asp - cys - ser -

... -----] NC_000913.ykgJ

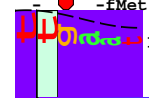


sd-(9)-ir 303455 Gap 2.3 bits
 sd-ir 303455 ykgJ_yagV+ total 5.2

5' ***303460** * ***303470** * ***303480** * ***303490** * ***303500** * ***303510** * ***303520** * ***303530** *
 t a a g a a c g t a c c g c g g t t g g c t g g g g a a c t t t c g a t a g t g t g a g t a t t g a a t t t c a g c c g t t a c c g a t t t a c g t a c 3'
 -fMet - ala - gly - glu - leu - ser - ile - val - -fMet - ser - ile - glu - -fMet - asn - asp - phe - gln - pro - leu - pro - ile - leu - arg - thr -
 -fMet - ile - ser - ser - arg - tyr - arg - phe - tyr - val - leu -

... ir ykgJ_yagV+

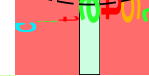
[###> orf 2 codons



p35 6.5 bits
 p10 1.1 bits

p35-(23)-p10 303528 Gap 1.4 bits
 p35-p10 303528 total 6.2 bits

5' ***303540** * ***303550** * ***303560** * ***303570** * ***303580** * ***303590** * ***303600** * ***303610** *
 t a a t t c g t g a t t a a a c c a c t c g t t a g c a g g c t g c c t g a t a c c t t t c c g t g t c t c t c o g a c t a t g g t g t g c a t a t g a g a a 3'
 -fMet - ile - lys - pro - leu - val - ser - arg - leu - pro - asp - thr - phe - pro - cys - leu - leu - asn - thr - met - val - cys - ile -
 - ile - arg - asp - -fMet - ser - pro - glu - his - tyr - gly - val - his - met - arg - lys -



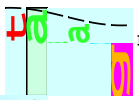
sd-(8)-ir 303613 Gap 2.4 bits
 sd-ir 303613 ykgJ_yagV+ total 9.8 bits

5' ***303620** * ***303630** * ***303640** * ***303650** * ***303660** * ***303670** * ***303680** * ***303690** * ***303700** *
 a g c c c a t c g t t a c a g g t g a t a t t g a c g a t c g c t t c c a c a t c a t t t t a a a c g a t t t t t g g g g c t c t g a g g t g g a a t t c t t c c c 3'
 -fMet - ile - leu - thr - ile - ala - ser - thr - ser - phe - lys - arg - phe - leu - gly - leu - -fMet - glu - phe - phe - pro -
 - pro - ile - val - thr - gly - asp - ile - asp - asp - arg - phe - his - ile - ile -

... ir ykgJ_yagV+

[###> orf 18 codons

p35 5.5 bits



p10 1.4 bits

p35-(23)-p10 303665 Gap 1.4 bits
 p35-p10 303665 total 5.5 bits

5' ***303710** * ***303720** * ***303730** *
 t c g a c c g a t g g a t a a g t c t t a g t c c g c g a a g g g g g c t 3'
 - arg - pro - met - asp - lys - ser -

<-----] NC_000913.yagV