

piece 1, NC_000913, ryjA_yjcd-, config: linear, direction: -, begin: 4276531, end: 4276070

5' ^{*4276530 *} ^{*4276520 *} ^{*4276510 *} ^{*4276500 *} ^{*4276490 *} ^{*4276480 *} ^{*4276470 *} ^{*4276460 *} ^{*4276450 *} ^{*4276440 *} ^{*4276430 *} ^{*4276420 *} ^{*4276410 *} ^{*4276400 *} ^{*4276390 *} ^{*4276380 *} ^{*4276370 *}

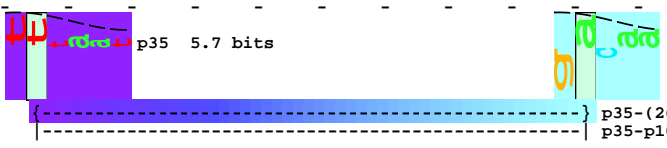
a c c g c c g g t a c g c g c t g a t g g c g t a g a c a t a a g a a a c a t c c c c t g a g a g t t t a a t t t t c g t c a a g a t g c g t g g c g g a c a a 3'

- thr - ala - gly - thr - arg - **●** -fMet - arg - gly - gly - gln -

- pro - pro - val - arg - ala - asp - gly - val - asp - ile - arg - lys - his - pro - leu - arg - val - **●** -fMet - ala - asp - asn -

- arg - arg - tyr - ala - leu - met - ala - **●** -

...] NC_000913.yjcd p35 5.7 bits ... p10



5' ^{*4276450 *} ^{*4276440 *} ^{*4276430 *} ^{*4276420 *} ^{*4276410 *} ^{*4276400 *} ^{*4276390 *} ^{*4276380 *} ^{*4276370 *}

t c c c c t g c c a a a c g g g t a a a a a a g c a a a a g c a a a t t t g c t g c g t g c a a a a a g c a a a c g t t t a g c t c c 3'

- ser - pro - ala - ser - glu - thr - leu - ser - ser - cys - ser - arg - phe - ala - thr - ile - cys - cys - val - ala - lys - lys - gln - thr - phe - ser - ser -

- pro - leu - pro - ala - lys - arg - tyr - leu - pro - ala - pro - gly - leu - arg - gln - phe - ala - ala - ser - gln - lys - ser - lys - arg - leu - ala - pro -

-fMet - leu - arg - arg - lys - lys - ala - asn - val - **●** -

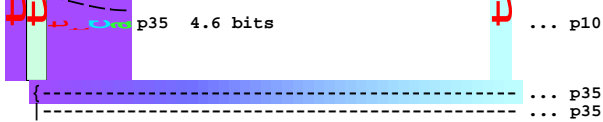
... p10 2.9 bits

5' ^{*4276360 *} ^{*4276350 *} ^{*4276340 *} ^{*4276330 *} ^{*4276320 *} ^{*4276310 *} ^{*4276300 *} ^{*4276290 *}

g c g c a t a c a a a a c g g g t g g t a a a a a a g c a a a c g a t t a t c c g g c g a t c a t a g c g g c t t t t c a a c g a a g t t t g c t g c t t t 3'

- ala - his - thr - lys - arg - val - val - lys - lys - ala - asn - asp - tyr - pro - ala - ile - ile - ala - phe - ser - thr - glu - val - cys - cys - phe -

- arg - ile - gln - asn - gly - trp - **●** -fMet - leu - leu - phe -



5' ^{*4276280 *} ^{*4276270 *} ^{*4276260 *} ^{*4276250 *} ^{*4276240 *} ^{*4276230 *} ^{*4276220 *} ^{*4276210 *}

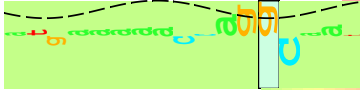
t t t c t c t t t a t t g t c t t g a c g a t g a a a a c c a g g c a a t t g a t g c g c a a a c g t t a t c g t c g g t g c g c a a g a t t g c a g c g t t 3'

- phe - leu - phe - tyr - cys - leu - asp - asp - glu - lys - pro - gly - asn - **●** -fMet - met - arg - lys - arg - tyr - arg - arg - cys - ala - arg - leu - gln - arg - tyr -

- ser - leu - leu - leu - ser - **●** -fMet - thr - met - lys - asn - gln - ala - ile - asp - ala - gln - thr - leu - ser - ser - val - arg - lys - ile - ala - ala - leu -

... p10 2.1 bits

... p35-(23)-p10 4276288 Gap 1.4 bits



... | p35-p10 4276288 total 5.3 bits

sd-(7)-ir 4276247 Gap 3.7 bits
sd-ir 4276247 ryjA_yjcd- total 6.9 bits

... p35-(21)-p10 4276195 Gap 3.7 bits
... p35-p10 4276195 total 4.3 bits

5' ^{*4276200 *} ^{*4276190 *} ^{*4276180 *} ^{*4276170 *} ^{*4276160 *} ^{*4276150 *} ^{*4276140 *} ^{*4276130 *}

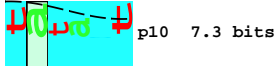
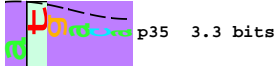
a t c g a g c c g t a t a c c g t t c a g g a t t g c g a t a a a a a a t c g t c t g a g a t g a c a a a a a t a t t g c g g t t a a a a a g t a t a c t t t t a 3'

- ser - ser - arg - ile - pro - phe - arg - ile - ala - ile - lys - asn - arg - leu - arg - **●** -fMet - thr - lys - ile - leu - arg - leu - lys - ser - ile - leu - leu -

- arg - ala - val - tyr - arg - ser - gly - leu - arg - **●** -

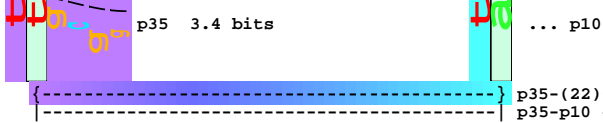
... p10 2.4 bits

orf 24 codons



... p35-(21)-p10 4276195 Gap 3.3 bits
... p35-p10 4276195 total 4.3 bits

... p35-(26)-p10 4276135 Gap 3.7 bits
... p35-p10 4276135 total 6.9 bits



5' ^{*4276120 *} ^{*4276110 *} ^{*4276100 *} ^{*4276090 *} ^{*4276080 *} ^{*4276070 *}

c a c t g g c g a a g a a a c g t c g g t g a c a t a c a a t t a a a g c a t c a a c a c c a a c c g g a a c c t 3'

- his - trp - arg - arg - asn - val - gly - asp - ile - gln - his - gln - his - gln - pro - glu - pro -

-fMet - thr - tyr - asn - **●** -

