

piece 1, NC_000913, ycaD_ycaM-, config: linear, direction: -, begin: 946481, end: 946223

*946480 * *946470 * *946460 * *946450 * *946440 * *946430 * *946420 * *946410 *

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

- gln - leu - phe - phe - leu - asn - ile - pro - ser - his - arg - gln - ile - leu - arg - gln - asn - fMet -

- asn - cys - phe - ser - thr - val - phe - phe - pro - glu - his - ser - gln - pro -

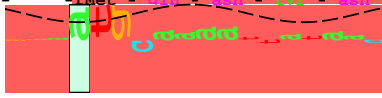
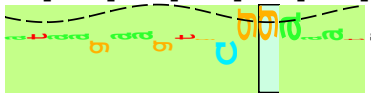
NC_000913.ycaM

*946400 * *946390 * *946380 * *946370 * *946360 * *946350 * *946340 * *946330 * *946320

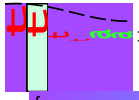
5' g c g c g g c a a a t a a g a a g t g c g g a a a t a g c g a a a t t g c a a a a t t a t a a c c t g c t g c a c a t t t t a t t t t t t a a a c g a a t a a a a t t 3'

- arg - gly - lys - fMet - arg - lys - fMet - glu - asn - tyr - asn - leu - leu - his - ile - leu - phe - leu - asn - glu - fMet -

sd ir ycaD_ycaM- orf 15 codons



{-----} sd-(11)-ir 946368 Gap 3.0 bits



p35 4.7 bits

|-----| sd-ir 946368 ycaD_ycaM- total 11.8 bits

... p35-(23)-p10 946313 Gap ... p35-p10 946313 total 4.0

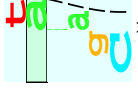
* *946310 * *946300 * *946290 * *946280 * *946270 * *946260 * *946250 * *946240

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

- glu - fMet - fMet - lys - gln - fMet - fMet - asn - ser - phe - thr -

p10 0.8 bits

NC_000913.ycaD



... p35-(23)-p10 946313 Gap 1.4 bits ... p35-p10 946313 total 4.0 bits

* *946230 *

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

- arg - glu - gln - arg - val -

-fMet - ser - asn - gly -

NC_000913.ycaD