

piece 1, NC_000913, ydgH_ydgI-, config: linear, direction: -, begin: 1677610, end: 1677376

*1677610 * *1677600 * *1677590 * *1677580 * *1677570 * *1677560 * *1677550 * *1677540 * *1677530

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

- glu - cys - ala - gln - ser - gln - phe - leu - phe - his - arg - tyr - pro - val - ile - lys - thr - fMet - ile - arg - arg - ile - asn - ile - arg - ala - lys - arg -

- ser - ala - leu - ser - pro - ser - phe - phe - ser - ile - asp - ile - gln -

- val - arg - ser - val - pro - val - ser - phe - pro - ser - ile - ser - ser - asp -

... -----] NC_000913.ydgI

p10 3.3 bits

sd

p35 5.2 bits

{-----} ... sd-(15)-ir 1677521 Gap

{-----} ... sd-ir 1677521 ydgH_ydgI-

{-----} p35-(21)-p10 1677565 Gap 3.3 bits

{-----} p35-p10 1677565 total 5.2 bits

*1677520 * *1677510 * *1677500 * *1677490 * *1677480 * *1677470 * *1677460 * *1677450

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

- fMet - pro - leu - lys - arg - gly - ile - leu - arg - arg - asp - val - ser - ala - cys - asn - gly - arg - gly - glu - ile - cys -

- ile - lvs - met - glu - phe - ala - thr - glu - ala - arg - asp - phe - thr - lys - arg - cys - val - cys - met - gln - trp - ser - arg - gly - asn - leu -

ir ydgH_ydgI-

sd [##] ... orf

{-----} sd-(15)-ir 1677521 Gap 6.0 bits

sd-ir 1677521 ydgH_ydgI- total 6.4 bits

p35 2.5 bits

sd-(7)-ir 1677450 Gap 3.7 bits

sd-ir 1677450 ydgH_ydgI- total 6

{-----} p35-(23)-p10 1677443 Gap

{-----} p35-p10 1677443 total 4.9

*1677440 * *1677430 * *1677420 * *1677410 * *1677400 * *1677390 * *1677380

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

- asp - thr - lys - asn - ala - lys - gly - gly - ile - lys - pro - pro - tyr - arg - ser - asn - fMet - arg - lys - ala - ala - ser - ser - arg - leu - ile - gly - val - thr - glu -

... ##> orf 25 codons

ir ydgH_ydgI-

[###> orf 17 codons

-----] NC_000913.ydgH

p10 3.8 bits

{-----} p35-(23)-p10 1677443 Gap 1.4 bits

{-----} p35-p10 1677443 total 4.9 bits