

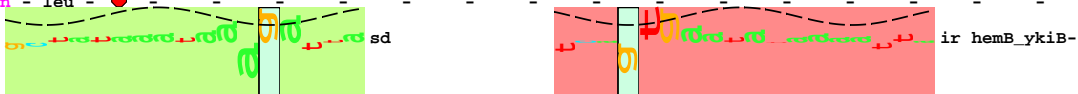
piece 1, NC_000913, hemB_ykiB-, config: linear, direction: -, begin: 389150, end: 388932

*389150 * *389140 * *389130 * *389120 * *389110 * *389100 * *389090 * *389080 * *389070

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

- gln - lys - ile - ile - thr - asn - ser - tyr - lys - fMet - asn - ile - lys - leu - leu - leu - phe - leu - leu - lys -

- lys - lys - lys - asn - asn - asn - gln - gln - leu -



sd-(17)-ir 389102 Gap 6.5 bits
 sd-ir 389102 hemB_ykiB- total 5.7 bits

p35 2.5 bits p10 7.6 bits

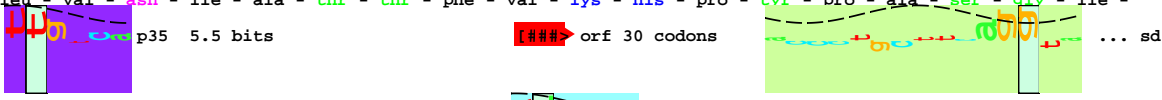
p35-(23)-p10 389094 Gap 1.4 bits
 p35-p10 389094 total 8.6 bits

*389060 * *389050 * *389040 * *389030 * *389020 * *389010 * *389000 * *388990

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

- arg - cys - pro - gly - leu - ser - ser - ile - leu - phe - leu - ser - thr - ser - arg - gln - leu - ser -

- fMet - ser - trp - pro - leu - phe - his - ser - leu - leu - val - asn - ile - ala - thr - thr - phe - val - lys - his - pro - tvr - pro - ala - ser - gly - ile -



p10 3.3 bits

p35-(24)-p10 389014 Gap 2.4 bits
 p35-p10 389014 total 6.4 bits

*388980 * *388970 * *388960 * *388950 * *388940 *

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

- fMet - pro - leu - asp - ser - thr - asn - ile - arg - gln - thr - met - thr - asp - leu - ile - gln -

- leu - cys - pro - ser - ile - pro - gln - thr - ser - gly - arg - pro -



sd-(7)-ir 388984 Gap 3.7 bits

sd-ir 388984 hemB_ykiB- total 6.3 bits

sd-(7)-ir 388951 Gap 3.7 bits

sd-ir 388951 hemB_ykiB- total 11.5 bits