

piece 1, NC_000913, plsB_dgkA+, config: linear, direction: +, begin: 4254460, end: 4254679

*4254460 * *4254470 * *4254480 * *4254490 * *4254500 * *4254510 * *4254520 * *4254530 * *4254540

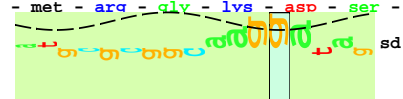
5' t t t g t a g t a a a t t c g t g g c c a g c c g g a c a t a a a c g a t g t a a a g c c t c t g g t t a a t g c a a a t g c g c g g c a a g g a t a g c a 3'

- phe - val - val - asn - ser - trp - pro - ala - gly - his - lys - arg - cys - lys - ala - ser - gly - fMet - gln - met - arg - gly - lvs - asp - ser - arg -

- leu - ser - lys - phe - val - ala - ser - arg - thr - fMet - met - arg - gly - lvs - asp - ser - arg -

- cys - ser - lys - phe - val - ala - ser - arg - thr - fMet - met - arg - gly - lvs - asp - ser - arg -

... -----] NC_000913.plsB



{-----} ... sd-(14)-ir 4254548 Gap
 -----} ... sd-ir 4254548 plsB_dgkA+

* *4254550 * *4254560 * *4254570 * *4254580 * *4254590 * *4254600 * *4254610 * *4254620

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

- fMet - gly - asn - ser - val - val - ser - ala - his - val - ser - arg - gly - ala - thr - gln - thr - arg - ile - ile - gly - phe - asn - gly - thr -

- lys - ser - trp - glu - ile - leu - trp - tyr - pro - leu - met - phe - arg - ala - ala - leu - arg - lys - pro - glu - ser - ser - asp - leu - thr - val - his -

ir plsB_dgkA+

sd-(14)-ir 4254548 Gap 4.9 bits
 sd-ir 4254548 plsB_dgkA+ total 6.4 bits

p35 4.1 bits

{-----} ... p35-(26)-p10 4254638 Gap
 -----} ... p35-p10 4254638 total 5.9

* *4254630 * *4254640 * *4254650 * *4254660 * *4254670 *

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

- leu - ile - leu - thr - leu - ile - met - fMet - ala - asn - asn - thr - thr -

orf 33 codons

p35-(26)-p10 4254638 Gap 3.7 bits

ir plsB_dgkA+

p35-p10 4254638 total 5.9 bits

p10 4.6 bits



p10 5.5 bits

{-----} sd-(9)-ir 4254660 Gap 2.3 bits

sd-ir 4254660 plsB_dgkA+ total 11.9 bits

p35 3.4 bits

{-----} p35-(24)-p10 4254667 Gap 2.4 bits
 -----} p35-p10 4254667 total 5.6 bits