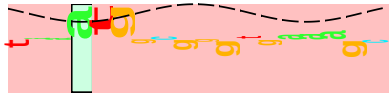
piece 1, NC_000913, idnD_idnK+, config: linear, direction: +, begin: 4492400, end: 4492665
*4492400 *4492410 *4492420 *4492430 *4492440 *4492450 *4492460 *4492470 *4492480
5′ a a c a a c g c a g g a c t g t g t t t t c a c t t g c a t a a t t c c t c a c t g g t c a g g t a g a c a c c t c g g a a g c a t t t a a g c g g t t t t a a 3′
- asn - asn - ala - gly - leu - cys - phe - his - leu - his - lys - phe - leu - thr - gly - gln - val - asp - thr - ser - glu - ala - phe - lys - arg - phe -
- thr - thr - gln - asp - cys - val - phe - thr - cys - ile - asn - ser - ser - leu - val - arg -
- gln - arg - arg - thr - val - phe - ser - leu - ala -
...] NC_000913.idnD
p35 4.7 bits
{ ... p35-(23)-p10 44924
| ... p35-p10 4492499 to
*4492490 *4492500 *4492510 *4492520 *4492530 *4492540 *4492550 *4492560
5′ c t g t c a t t a t t t g t g a t g a a g a t c a c g t c a g a a a a t t g t t a c a t t a c t a t t a c g c a t a a c g t g a t g t g c c t t g t a a t t c 3′
-fMet - met - lys - ile - thr - ser - glu - asn - cys - tyr - ile - thr - met - leu - arg - ile - thr - -fMet -
-fMet - -fMet - pro - cys - asn - ser -
-fMet - leu - his - tyr - tyr - val - thr - his - asn - val - met - cys - leu - val - ile - leu -
p10 1.6 bits
p10 5.1 bits
p10 3.1 bits
... } p35-(23)-p10 4492499 Gap 1.4 bits { } p35-(23)-p10 4492540 Gap 1.4 bits
... | p35-p10 4492499 total 4.8 bits
p35 4.7 bits
p35 2.4 bits
| p35-p10 4492540 total 6.3 bits
{ } p35-(24)-p10 4492521 Gap 2.4 bits
| p35-p10 4492521 total 5.1 bits
*4492570 *4492580 *4492590 *4492600 *4492610 *4492620 *4492630 *4492640
5′ t t a t c a g t a g a a a t a a a a a a c g t g a a a t t a t t a t g c c g c c a g g c g t a g t a t c g c a g c a g g t a a g a t g a t t c a g g a g a t t t 3′
-fMet - pro - pro - gly - val - val - ser - gln - gln - val - arg -
- tyr - gln - -fMet - lys - leu - leu - cys - arg - gln - ala -
- ile - ser - arg - asn - lys - lys - thr -
-fMet - ile - gln - glu - ile - leu -
p35 2.3 bits
ir idnD_idnK+
[###> orf 12 codons
sd
p10 5.3 bits
ir idnD_idnK+
{ } sd-(9)-ir 4492595 Gap 2.3 bits
| sd-ir 4492595 idnD_idnK+ total 7.5 bits
{ } sd-(5)-ir 4492627 Gap 5.4 bits
| sd-ir 4492627 idnD_idnK+ total 6.6 bits
p10 7.1 bits
sd
{ ... sd-(10)-ir 4492646
{ } p35-(22)-p10 4492592 Gap 2.3 bits
sd
| p35-p10 4492592 total 7.1 bits
... sd-ir 4492646 idnD
p35 0.7 bits
{ } p35-(23)-p10 4492609 Gap 1.4 bits
| p35-p10 4492609 total 4.5 bits
*4492650 *4492660
5′ t a a a t g g c g g g t g a a a g c t t t a t 3′
-fMet - ala - gly - glu - ser - phe -
-fMet - lys - ala - leu -
- asn - gly - gly -
[... NC_000913.idnK
[###> orf 10 codons



ir idnD_idnK+

... ------} sd-(10)-ir 4492646 Gap 2.7 bits

... ------| sd-ir 4492646 idnD_idnK+ total 9.9 bits