piece 1, NC_000913, dsdC_dsdX+, config: linear, direction: +, begin: 2475622, end: 2475888
*2475630 *2475640 *2475650 *2475660 *2475670 *2475680 *2475690 *2475700
5′ c c g a t t t c t t a t t t c a c g a a g g g g t t c c a t a a t c a c c t c a t t t t t c g c t t a a g t g t a a a a a a a t a g c g g c a a a a t t t c a g c 3′
- pro - ile - ser - tyr - phe - thr - lys - gly - phe - his - asn - his - leu - ile - phe - arg - leu - ser - val - lys - lys -
- arg - phe - leu - ile - ser - arg - arg - gly - ser - ile - ile - thr - ser - phe - phe - ala - -fMet -
- asp - phe - leu - phe - his - glu - gly - val - pro -
... ----------] NC_000913.dsdC
sd
... ir
p35 4.5 bits
p10 5.5 bits
{---------- ... sd-(14)-ir 2475704
{----------} p35-(23)-p10 2475650 Gap 1.4 bits
|---------- ... sd-ir 2475704 dsdC
|----------| p35-p10 2475650 total 8.5 bits
... sd
*2475710 *2475720 *2475730 *2475740 *2475750 *2475760 *2475770 *2475780
5′ t a t g a g a t g a g c t a a a g t g a a c c a t a t c t c a a t t c a c c t t c a t t t t t a g a t g t a a a t c a c t c c a t t g a t g c a a t t t a c c t c 3′
-fMet - ser -
-fMet - arg - -fMet - asn - his - ile - ser - ile - his - leu - his - phe - -fMet - -fMet - met - gln - phe - thr - ser -
... ir dsdC_dsdX+
[###> orf 11 codons
p35 4.1 bits
... --} sd-(14)-ir 2475704 Gap 4.9 bits
... --| sd-ir 2475704 dsdC dsdX+ total 6.4 bits
{---------- ... p35-(22)-p10 24757
|---------- ... p35-p10 2475799 to
... sd
[###> orf 3 codons
ir dsdC_dsdX+
{----------} sd-(8)-ir 2475719 Gap 2.4 bits
|----------| sd-ir 2475719 dsdC_dsdX+ total 5.4 bits
*2475790 *2475800 *2475810 *2475820 *2475830 *2475840 *2475850 *2475860
5′ a t g t g a a a g g c a a a t t t t a t c g t t t g t c a g c c t g c g t t g t t t t t t t g t c c a a t a t c a t c a g g t t a a t c a c a g g g a a g g t g 3′
-fMet - -fMet - phe - phe - cys - pro - ile - ser - ser - gly - -fMet -
- cys - glu - arg - gln - ile - leu - ser - phe - val - ser - leu - arg - cys - phe - phe - val - gln - tyr - his - gln - val - asn - his - arg - gly - arg -
-fMet - lys - gly - lys - phe - tyr - arg - leu - ser - ala - cys - val - val - phe - leu - ser - asn - ile - ile - arg - leu - ile - thr - gly - glu - gly - glu -
p10 3.2 bits
p10 3.4 bits
sd
... ----------} p35-(22)-p10 2475799 Gap 2.3 bits
... ----------| p35-p10 2475799 total 5.0 bits
{---------- ... sd-(11)-ir 2475869
|---------- ... sd-ir 2475869 dsdC
p35 5.5 bits
{----------} p35-(26)-p10 2475834 Gap 3.7 bits
|----------| p35-p10 2475834 total 5.2 bits
*2475870 *2475880
5′ a g a t a t g c a c t c t c a a a t c t g g g t 3′
- arg - tyr - ala - leu - ser - asn - leu - gly -
-fMet - his - ser - gln - ile - trp -
- ile - cys - thr - leu - lys - ser - gly -
... NC_000913.dsdX
... --------} sd-(11)-ir 2475869 Gap 3.0 bits
... --------| sd-ir 2475869 dsdC dsdX+ total 9.3 bits
ir dsdC_dsdX+