piece 1, NC_000913, TERM63_yjaZ+, config: linear, direction: +, begin: 4187615, end: 4187828
*4187620 *4187630 *4187640 *4187650 *4187660 *4187670 *4187680 *4187690 *
5′ c g t a a a a c c c g c t t c g g c g g g t t t t t t a t g g g g g g g a g t t t a g g g a a a g a g c a t t g t c a g a a t a t t t a a g g a a t t t c t g 3′
- arg - lys - asn - pro - leu - arg - arg - val - phe - leu - trp - gly - glu - phe - arg - glu - arg - ala - phe - val - arg - ile - phe - lys - glu - phe - leu -
- val - lys - thr - arg - phe - gly - gly - phe - phe - tyr - gly - gly - ser - leu - gly - lys - glu - his - leu - ser - glu - tyr - leu - arg - asn - phe -
-fMet - gly - gly - val -
p35 2.8 bits
p10 2.7 bits
{ p35-(23)-p10 4187678 Gap 1.4 bits
| p35-p10 4187678 total 4.1 bits
p35 5.5 bits
{ ... p35-(26)-p10 41876
| ... p35-p10 4187697 to
p35 4.7 bits
{ ... p35-(21)-p10 41877
| ... p35-p10 4187703 to
*4187700 *4187710 *4187720 *4187730 *4187740 *4187750 *4187760 *4187770 *
5′ a a t a c t c a t a a t c a a t g t a g a g a t g a c t a a t a t c c t g a a a c t g a c t g a a c t a a t t g a g t c a a a c t c g g c a a g g a t t c g a t a 3′
- asn - thr - his - asn - gln - cys - arg - asp - asp -
-fMet - thr - asn - ile - leu - lys - leu - thr - glu - leu - ile - glu - ser - asn - ser - ala - arg - ile - arg - tyr -
-fMet - -fMet - ser - gln - thr - arg - gln - gly - phe - asp - thr -
p10 3.5 bits
ir TERM63_yjaZ+
p35 4.7 bits
... p10
sd
{ p35-(24)-p10 4187774 Gap 2.
{ sd-(6)-ir 4187718 Gap 4.3 bits
| sd-ir 4187718 TERM63_yjaZ+ total 6.9 bits
| p35-p10 4187774 total 5.5 b
... p10
... --} p35-(26)-p10 4187697 Gap 3.7 bits
... --| p35-p10 4187697 total 5.3 bits
{ p35-(26)-p10 4187776 Ga
| p35-p10 4187776 total 6
p10 5.5 bits
... } p35-(21)-p10 4187703 Gap 3.3 bits
... | p35-p10 4187703 total 6.9 bits
*4187780 *4187790 *4187800 *4187810 *4187820 *
5′ c t a t t c c t g t g t a a c t t t c t t a a g g a a c g a g a a t g a a a c a g g a a g t g g a a a a 3′
- tyr - ser - cys - val - thr - phe - leu - arg - asn - glu - asn - glu - thr - gly - ser - gly - lys -
- ile - pro - val - -fMet - lys - gln - glu - val - glu -
... p10 3.2 bits
ir TERM63_yjaZ+
sd
{ sd-(8)-ir 4187809 Gap 2.4 bits
... p10 5.6 bits
| sd-ir 4187809 TERM63_yjaZ+ total 13.3 bits