

piece 1, NC_000913, thiM_rcnR+, config: linear, direction: +, begin: 2183294, end: 2183565

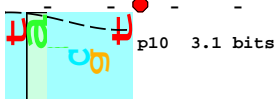
* 2183300 * 2183310 * 2183320 * 2183330 * 2183340 * 2183350 * 2183360 * 2183370

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

- leu - arg - - - - -fMet - his - ser - leu - leu - leu - pro - - - -fMet - thr - trp - trp - ser - val - thr -

- cys - ala - glu - pro - ser - arg - ser - thr - cys - ile - val - cys - ser - cys - his - asn - val - lys - lys - gln - - - -fMet - val - arg - asp - phe -

- ala - leu - asn - pro - ala - gly - arg - leu - ala - - - - -



-----} p35-(21)-p10 2183340 Gap 3.3 bits
 -----} p35-p10 2183340 total 6.0 bits

* 2183380 * 2183390 * 2183400 * 2183410 * 2183420 * 2183430 * 2183440 * 2183450 *

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

- ser - leu - arg - trp - his - tyr - pro - asp - gln - val - ile - arg - val - phe - leu - ser - leu - his - ala - glu - gly - his - pro - glu - ser - phe - gly -

- pro - thr - leu - ala - leu - ser - arg - ser - gly - asp - thr - gly - ile - ser - gln - pro - ser - arg - arg - arg - ala - pro - arg - val - val - trp - leu -

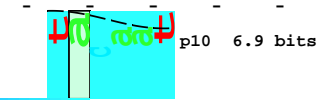
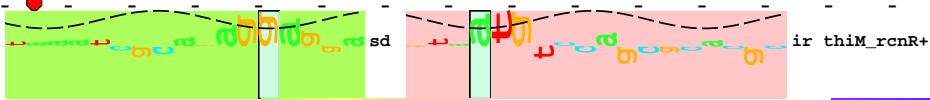
* 2183460 * 2183470 * 2183480 * 2183490 * 2183500 * 2183510 * 2183520 * 2183530 *

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

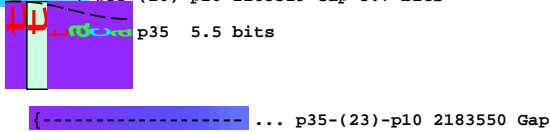
- cys - asp - asp - lys - ser - gln - arg - arg - met - val - met - ser - ser - ala - arg - val - val - asn - glu - glu - lys - arg - gln - phe - tyr - asn - arg -

- ala - met - ile - asn - arg - arg - gly - gly - trp - - - -fMet - - - -

- arg - - - -



-----} sd-(10)-ir 2183486 Gap 2.7 bits
 -----} p35-(26)-p10 2183529 Gap 3.7 bits
 -----} sd-ir 2183486 thiM_rcnR+ total 8.7 bits



-----} p35-p10 2183529 total 8.8 bits
 -----} ... p35-(23)-p10 2183550 Gap

* 2183540 * 2183550 * 2183560 *

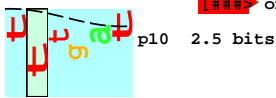
5' g t t a a t a a a t t a t t t g a t a t a t g a a t c c a 3'

- val - asn - lys - leu - phe - asp - ile - - - -

- - - -fMet - ile - tyr - glu - ser -

- - - -fMet - asn - pro -

[###] orf 25 codons



-----} p35-(23)-p10 2183550 Gap 1.4 bits
 -----} p35-p10 2183550 total 6.6 bits