piece 1, NC_000913, tnaB_mdtL+, config: linear, direction: +, begin: 3889477, end: 3889657

```
        *3889480   *       *3889490   *       *3889500   *       *3889510   *       *3889520   *       *3889530   *       *3889540   *       *3889550   *
5' g t c t t t a a c g t g t t a c c t a a a t t t g g c t a a a t c c t t c a a g a a g c c a g c c a t t c g c t g g c t t c t t g c c t c t c a g g a a a t c a c 3'
    - val - phe - asn - val - leu - pro - lys - phe - gly - ●  -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -
    - leu -  ●  - thr - cys - tyr - leu -  ●  - asn - leu - ala - lys - ser - phe - lys - lys - pro - ala - ile - arg - trp - leu - leu - ala - ser - gln - glu - ile - thr -
                                                                                                                        -fMet - pro - leu - arg - lys - ser - leu -
                                                                                                                                                         sd     ... ir
```

```
                                                                        { ---------------  ... sd-(10)-ir 3889560 Gap
                                                                        | ---------------  ... sd-ir 3889560 tnaB_mdtL+
                                                                        { ---------------  ... sd-(18)-ir 3889568 Gap
                                                                        | ---------------  ... sd-ir 3889568 tnaB_mdtL+
```

```
        *3889560   *       *3889570   *       *3889580   *       *3889590   *       *3889600   *       *3889610   *       *3889620   *       *3889630   *
5' t t a t g t c c a a a t g g c a a c t c g c c t g a t c c t c c t t c a c c a c g t a t g c t t t g c g t c a c c t t a c t a t c a g g a c g c t t t a g c c c a 3'
    -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -fMet - leu - cys - val - thr - leu - leu - ser - gly - arg - phe - ser - pro -
    - tyr - val - gln - met - ala - thr - arg - leu - ile - leu - leu - his - his - val - cys - phe - ala - ser - pro - tyr - tyr - gln - asp - ala - leu - ala - his -
    - met - ser - lys - trp - gln - leu - ala -  ●  -   -   -   -   -   -   -fMet - arg - his - leu - thr - ile - arg - thr - leu -  ●  -   -   -fMet
                                                                                                                                            [- ... NC_000913.mdtL
                                                                   ir tnaB_mdtL+
```

```
... ----} sd-(10)-ir 3889560 Gap 2.7 bits              [###> orf 8 codons
... ----| sd-ir 3889560 tnaB_mdtL+ total 9.7 bits
... --------------------} sd-(18)-ir 3889568 Gap 6.9 bits
... --------------------| sd-ir 3889568 tnaB_mdtL+ total 5.1 bits
                                                              ir tnaB_mdtL+
```

```
        *3889640   *       *3889650   *
5' t g t c c c g c t t t t t t g a t t t g 3'
    - cys - pro - ala - phe -  ●  -   -   -
    - val - pro - leu - phe - asp - leu -
    - ser - arg - phe - leu - ile -
... ------------------------------------ ... NC_000913.mdtL
```