piece 1, NC_000913, maeB_talA-, config: linear, direction: -, begin: 2576717, end: 2576380

```
        *        *2576710   *        *2576700   *        *2576690   *        *2576680   *        *2576670   *        *2576660   *        *2576650   *        *2576640
5' g a a c t g t t t g a t g c c g t c t a a c t c g t t c a t a g g a a a t a c t c c t t g a a a a g t a a a g t g t t a g a t g a g t g c g t t a a t t c a c a c 3'
   - glu - leu - phe - asp - ala - val - - - - - - - -fMet - lys - ser - lys - val - leu - asp - glu - cys - val - asn - ser - his -
   - - asn - cys - leu - met - pro - ser - asn - ser - phe - ile - gly - asn - thr - pro - - - - - - - - -fMet - ser - ala - leu - ile - his - thr -
   - - thr - val - - - - - - - - - - - - - - - - - - - -fMet - arg - - - - - -
```
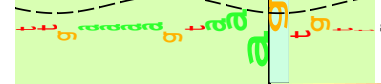
... ---] NC_000913.talA

ir maeB_talA-

ir maeB_talA-

{-------------------} sd-(10)-ir 2576675 Gap 2.7 bits
|-------------------| sd-ir 2576675 maeB talA- total 5.0 bits

sd

{-------------} sd-(7)-ir 2576656 Gap 3.7 bits
|-------------| sd-ir 2576656 maeB_talA- total 6.8 bits

```
        *        *2576630   *        *2576620   *        *2576610   *        *2576600   *        *2576590   *        *2576580   *        *2576570   *        *2576560
5' t t c t g a g a a a t t t c g c t a a a c g c a t c a a a a a a g c a t a g c a g a c a g g c a t g g t a t t g c t g g a t t a a g c a g g t a a c a t c a g t g 3'
   - phe - - - - - - - - - - - - - - - - - - - - - - - - -fMet -
   - ser - glu - lys - phe - arg - - - - - - - - - - - - - - - - - -
   - -fMet - val - leu - leu - asp - - - -
```

[###> orf 15 codons   [###> orf 13 codons

p35   3.5 bits   p10   5.6 bits

{---------------------------------} p35-(22)-p10 2576565 Gap 2.3 bits
|---------------------------------| p35-p10 2576565 total 6.8 bits

... p35

{- ... p35-(22)-p10 2576534 Gap
|- ... p35-p10 2576534 total 4.5

```
        *        *2576550   *        *2576540   *        *2576530   *        *2576520   *        *2576510   *        *2576500   *        *2576490   *        *2576480   *
5' t t a t a g g a t t a t t a c c a a a a c a t t a t a t t a a t g g t g a g a g t t t g g a c t t g c t c a a a g t c t g t a g a c t c c g g c a g g g t a a t a 3'
   - leu - - - - - - - - - - - - - - -fMet - val - arg - val - trp - thr - cys - ser - lys - ser - val - asp - ser - gly - arg - val - ile -
   - - - - - - - - - - - - - -fMet - asp - leu - leu - lys - val - cys - arg - leu - arg - gln - gly - asn - asn -
```

p35   0.9 bits   p10   4.2 bits

p10   6.5 bits

{-----------------------------------} p35-(23)-p10 2576531 Gap 1.4 bits

... p35   2.7 bits

...{-----------------------------------} p35-(22)-p10 2576534 Gap 2.3 bits
...|-----------------------------------| p35-p10 2576534 total 4.5 bits
   |---------------------------------------| p35-p10 2576531 total 5.9 bits

```
        *        *2576470   *        *2576460   *        *2576450   *        *2576440   *        *2576430   *        *2576420   *        *2576410   *        *2576400   *
5' a t g t g c g c c a c g t t g t g g g c a g g g c g c t g t t g c c c a c a c a c t t t a t t t g t g a a c g t t a c g t g a a a g g a a c a a c c a a a t g g a t 3'
   - met - cys - ala - thr - leu - trp - ala - gly - ala - val - ala - his - thr - leu - phe - val - asn - val - thr - - - - - - - -fMet - asp - met -
   - - - - - - - - - - - - - - - - - - - - -fMet - pro - thr - his - phe - ile - cys - glu - arg - tyr - val - lys - gly - thr - thr - lys - trp -
   - val - arg - his - val - val - gly - arg - gly - cys - cys - pro - his - thr - leu - phe - val - asn - val - thr - - - - - - - - -
```

p35   2.8 bits   p10   2.9 bits   sd   [----------- ... NC_000913.maeB

{─────────────────────────────────} p35-(23)-p10 2576438 Gap 1.4 bits

|─────────────────────────────────| p35-p10 2576438 total 4.3 bits

... ir

{─────────────} sd-(10)-ir 2576399 Gap 2.7 bits
|─────────────| sd-ir 2576399 maeB_talA- total 10.5 bits

... ir

{─────────────────────} sd-(14)-ir 2576395 Gap 4.9 bits
|─────────────────────| sd-ir 2576395 maeB_talA- total 7

```
        *2576390  *        *2576380
5'  g a c c a g t t a a a a c a  3'
  - asp - gln - leu - lys -
      - thr - ser - ● -  -  -
      -   -    -    -  -  -
... ─────────────────────────── ... NC_000913.maeB
```

... ir maeB_talA-

[###> orf 4 codons

... ir maeB_talA-