piece 1, NC_000913, purE_lpxH+, config: linear, direction: +, begin: 552294, end: 552460

```
        *        *552300   *        *552310   *        *552320   *        *552330   *        *552340   *        *552350   *        *552360   *        *552370
5' g a c a c g c g c c g g a t t a t t g c g g a a g a c a t g c g t c t t a a a a c t c c t g t g g t g c a c a a c t c t c g g c t t t a g a g g g c a c a g a g 3'
    - asp - thr - arg - arg - ile - ile - ala - gly - arg - his - ala - ser -  met - arg - leu - lys - thr - pro - val - val - his - asn - ser - arg - leu -  -   -   -   -   -   -
      - his - ala - pro - asp - tyr - cys - gly - lys - thr - cys - val - leu - leu - leu - trp - cys - thr - thr - leu - gly - phe - arg - gly - his - arg - glu -
... --------------------------------------------l NC_000913.purE                                                                        [###> orf 14 codons
```
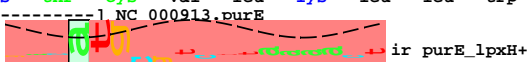
ir purE_lpxH+

sd

{------------} sd-(6)-ir 552322 Gap 4.3 bits
|------------| sd-ir 552322 purE_lpxH+ total 8.2 bits

```
   *        *552380   *        *552390   *        *552400   *        *552410   *        *552420   *        *552430   *        *552440   *        *552450   *
5' a a t a g c a c g g a a a g a g a g c a a g g a a a a c g t t c g c t g g c t g t g a a a t c a g c a a a g t t g c g g g t t t t t a a a a c g g a a a a t g 3'
    -   -   -   -   -   -   -   -   -   -   -   -  -fMet - arg - gly - cys - glu - ile - ser - lys - val - ala - gly - phe - leu - lys - arg - lys - met -  -
    -   -   -   -   -   -   -   -   -   -   -   -  -fMet - ala - val - lys - ser - ala - lys - leu - arg - val - phe -  -   -   -   -   -   -   -   -   -   -
```

sd

ir purE_lpxH+

<----------------------------- ... NC_000913.lpxH

{----------------------} sd-(12)-ir 552409 Gap 4.0 bits
|----------------------| sd-ir 552409 purE_lpxH+ total 5.5 bits

[###> orf 12 codons

```
        *552460
5' a a t c a 3'
    - asn -
      -   -
... ---------- ... NC_000913.lpxH
```