piece 1, NC_000913, agaR_kbaZ-, config: linear, direction: -, begin: 3276965, end: 3276668

```
       *      *3276960  *      *3276950  *      *3276940  *      *3276930  *      *3276920  *      *3276910  *      *3276900  *      *3276890  *
5' c t g t c t c a c c a t t t c t g t c a g a t g t t t c a c t t t c c t c t c c a g t t c a g a t t a c t g c g t a t t a a t c t t t c g t t t t g t t t c a g 3'
  - leu - ser - his - his - phe - cys - gln - met - phe - his - phe - pro - leu - gln - phe - arg - leu - leu - arg - tyr -      - fMet - phe - gln -
       - cys - leu - thr - ile - ser - val - arg - cys - phe - thr - phe - leu - ser - ser - ser - asp - tyr - cys - asp - ile - asn - leu - ser - phe - cys - phe - ser -
  ... - val - ser - pro - phe - leu - ser - asp - val - ser - ser - pro - val - gln - ile - thr - ala - ile - leu - ile - phe - arg - phe - val - ser - val -
                                                                                         ] NC_000913.kbaZ
```
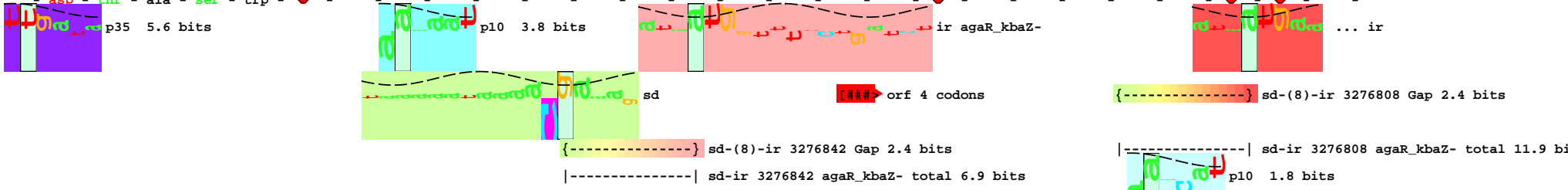
```
       *      *3276880  *      *3276870  *      *3276860  *      *3276850  *      *3276840  *      *3276830  *      *3276820  *      *3276810  *
5' t t g a t a c t g c g t c a t g g t g a g a t a a a a a t a a a c g a a a g a t a a t g g t t t t c t g a t c t g a t t c a c a a a g a a a c a t a a t g a a 3'
  - leu - ile - leu - arg - his - gly - glu - ile - lys - ile - lys - arg - lys - ile - met - val - phe -      -      -      -      -      -      - fMet - lys -
       -      -      -      - asp - thr - ala - ser - trp -      -      -      -      -      -      -      -      -      -      -      -      -      -
```
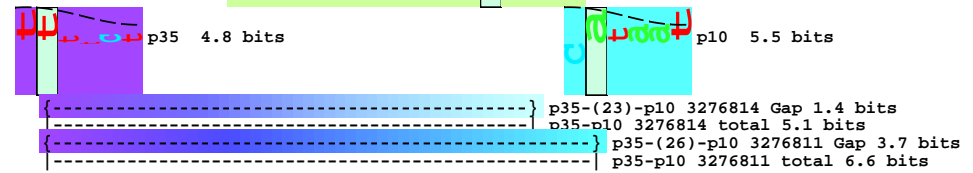
p35 5.6 bits   p10 3.8 bits   ir agaR_kbaZ-   ... ir

sd   [###> orf 4 codons   {-------------} sd-(8)-ir 3276808 Gap 2.4 bits

{---------} sd-(8)-ir 3276842 Gap 2.4 bits |-------------| sd-ir 3276808 agaR_kbaZ- total 11.9 bi

|---------------| sd-ir 3276842 agaR_kbaZ- total 6.9 bits   p10 1.8 bits

{--------------------------------} p35-(23)-p10 3276860 Gap 1.4 bits   sd

|---| p35-p10 3276860 total 8.0 bits   p35 4.8 bits   p10 5.5 bits

{------------------} p35-(23)-p10 3276814 Gap 1.4 bits
|------------------| p35-p10 3276814 total 5.1 bits
{--------------------} p35-(26)-p10 3276811 Gap 3.7 bits
|--------------------| p35-p10 3276811 total 6.6 bits

```
       *      *3276800  *      *3276790  *      *3276780  *      *3276770  *      *3276760  *      *3276750  *      *3276740  *      *3276730  *
5' a g t c a c t g a a a c g a g a g t a g c t t c g c t c a a t g g g c a a g g t g g g c t t g c a t t t g c t t a a t a g a a a g g c g t t a a t a g g c a a a a 3'
  - val - his - glu - lys - arg - val - ala - cys - val - asn - gly - gln - gly - gly - leu - ala - phe - ala -      -      -      -      -      -
                                    - fMet - arg - gln - trp - ala - arg - trp - ala - cys - ile - cys - leu - ile - glu - arg - arg -      -      -      -
       -      -      -      -      -      -      - fMet - gly - lys - val - gly - leu - his - leu - leu - asn - arg - lys - ala - leu - ile - gly - lys - thr -
```
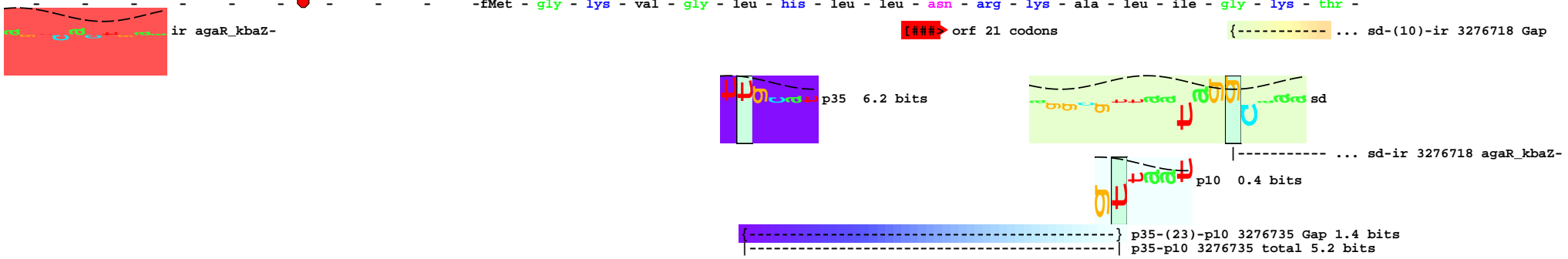
... ir agaR_kbaZ-   [###> orf 21 codons   {------------ ... sd-(10)-ir 3276718 Gap

p35 6.2 bits   sd

p10 0.4 bits

{--------------------------} p35-(23)-p10 3276735 Gap 1.4 bits
|--------------------------| p35-p10 3276735 total 5.2 bits

```
       *      *3276720  *      *3276710  *      *3276700  *      *3276690  *      *3276680  *      *3276670
5' c g a a a t g a a a c g a a a g t t t t a c g a a a g g a c t t a c t a t g a g t a a t a c c g a c g c t t c 3'
  -      - fMet - lys - arg - lys - phe - tyr - glu - arg - thr - tyr - lys - glu -      -      -      -      -      -
  - lys -      -      -      -      -      -      -      -      -      -      - fMet - ser - asn - thr - asp - ala -
```

... ---------} sd-(10)-ir 3276718 Gap 2.7 bits   [--------------------------- ... NC_000913.agaR

ir agaR_kbaZ-   [###> orf 13 codons

... --------| sd-ir 3276718 agaR_kbaZ- total 7.5 bits

ir agaR_kbaZ-

sd

p10   2.0 bits

{---------------} sd-(8)-ir 3276687 Gap 2.4 bits
|---------------| sd-ir 3276687 agaR_kbaZ- total 13.7 bits

p35   4.6 bits

{------------------------------------} p35-(23)-p10 3276681 Gap 1.4 bits
|------------------------------------| p35-p10 3276681 total 5.2 bits