

piece 1, NC_000913, REP252_feoA-, config: linear, direction: -, begin: 3538214, end: 3537782

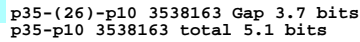
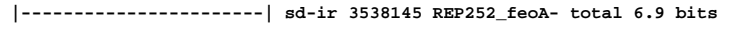
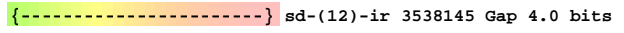
5' ^{*3538210 *} ^{*3538200 *} ^{*3538190 *} ^{*3538180 *} ^{*3538170 *} ^{*3538160 *} ^{*3538150 *} ^{*3538140 *} ^{*3538130 *} ^{*3538120 *} ^{*3538110 *} ^{*3538100 *} ^{*3538090 *} ^{*3538080 *} ^{*3538070 *} ^{*3538060 *} ^{*3538050 *} ^{*3538040 *} ^{*3538030 *} ^{*3538020 *} ^{*3538010 *} ^{*3538000 *} ^{*3537990 *} ^{*3537980 *} 3'

- phe - pro - arg - ser - ile - trp - ser - val - leu - his - arg - cys - leu - leu - val - ser - his - fMet - gly - arg - leu -

- phe - his - ala - val - ser - gly - val - tyr - cys - ile - gly - ala - tyr - leu - phe - leu - ile - asn - trp - ile - thr - thr - ser - trp - gly - val -

- ser - thr - gln - tyr - leu - glu - cys - ile - ala - fMet - pro - thr - cys - phe - ser - leu - thr - gly -

... ir



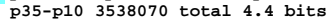
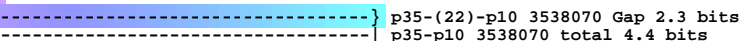
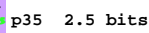
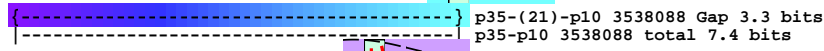
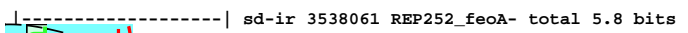
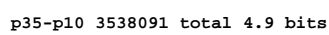
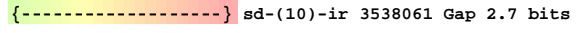
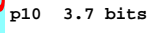
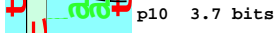
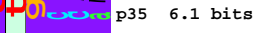
5' ^{*3538130 *} ^{*3538120 *} ^{*3538110 *} ^{*3538100 *} ^{*3538090 *} ^{*3538080 *} ^{*3538070 *} ^{*3538060 *} ^{*3538050 *} ^{*3538040 *} ^{*3538030 *} ^{*3538020 *} ^{*3538010 *} ^{*3538000 *} ^{*3537990 *} ^{*3537980 *} ^{*3537970 *} ^{*3537960 *} ^{*3537950 *} ^{*3537940 *} ^{*3537930 *} ^{*3537920 *} ^{*3537910 *} ^{*3537900 *} 3'

- thr - ala - thr - fMet - ile - cys - gln - gln - arg - arg - asp - fMet - ile - met - arg - met - val - ser -

- fMet - arg - pro - asp - asp - leu - pro - thr - lys - glu - arg - leu - asn - asn - gln - gln - his - asn - asp - asn - glu - asn - gly - phe - tyr -

... ir REP252_feoA-

[###] orf 8 codons



5' ^{*3538050 *} ^{*3538040 *} ^{*3538030 *} ^{*3538020 *} ^{*3538010 *} ^{*3538000 *} ^{*3537990 *} ^{*3537980 *} ^{*3537970 *} ^{*3537960 *} ^{*3537950 *} ^{*3537940 *} ^{*3537930 *} ^{*3537920 *} ^{*3537910 *} ^{*3537900 *} ^{*3537890 *} ^{*3537880 *} ^{*3537870 *} ^{*3537860 *} ^{*3537850 *} ^{*3537840 *} ^{*3537830 *} ^{*3537820 *} ^{*3537810 *} ^{*3537800 *} ^{*3537790 *} ^{*3537780 *} 3'

- ile - ser - asn - thr - fMet - cys - glu - cys - trp - phe - glu - fMet - leu - met - trp - leu - lys - val - ile - ser -

- gln - gln - tyr - leu - lys - cys - val - arg - met - leu - val - fMet - leu - met - trp - leu - lys - val - ile - ser -

... ir REP252_feoA-

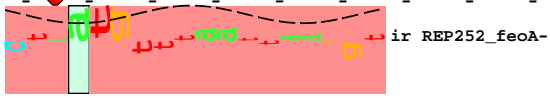
[###] orf 8 codons

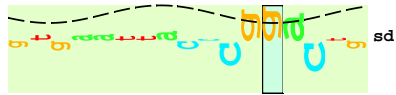
5' ^{*3537970 *} ^{*3537960 *} ^{*3537950 *} ^{*3537940 *} ^{*3537930 *} ^{*3537920 *} ^{*3537910 *} ^{*3537900 *} ^{*3537890 *} ^{*3537880 *} ^{*3537870 *} ^{*3537860 *} ^{*3537850 *} ^{*3537840 *} ^{*3537830 *} ^{*3537820 *} ^{*3537810 *} ^{*3537800 *} ^{*3537790 *} ^{*3537780 *} 3'

- gln - arg - lys - tyr - asn - ser - asn - ser - glu - leu - pro - gly - leu - ala - asn - val - fMet - leu - met - lys -

- ala - lys - ile - fMet - leu - met - lys -

... ir





[###] orf 4 codons

[###] orf 3 codons

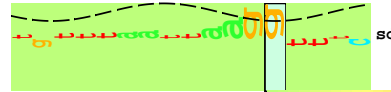
{-----} sd-(9)-ir 3537928 Gap 2.3 bits



... ir

|-----| sd-ir 3537928 REP252_feoA- total 6.7 bits

... sd



{-----} sd-(13)-ir 3537902 Gap 4.6 bits

{-----} sd-ir 3537902 REP252_feoA- total 10.0 bits

{-----} sd-(18)-ir 3537897 Gap 6.9 bits

{-----} sd-ir 3537897 REP252_feoA- total 9.2 bits



... p35 4.3 bits

... p10

{-----} p35-(22)-p10 3537891 Gap 2.3 bits

{-----} p35-p10 3537891 total 4.5 bits

{-----} ... p35-(23)-p10 3537890 Gap

{-----} ... p35-p10 3537890 total 5.6



... p35 3.3 bits

{-----} ... p35-(24)-p10 3537877 Gap

{-----} ... p35-p10 3537877 total 7.4

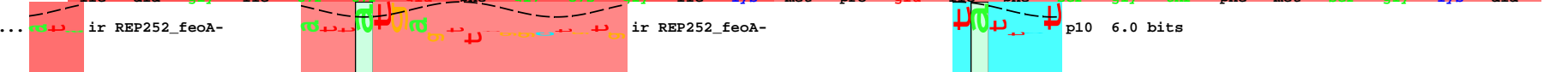
{-----} ... p35-(26)-p10 3537875 Gap

{-----} ... p35-p10 3537875 total 6.7

*3537890 * *3537880 * *3537870 * *3537860 * *3537850 * *3537840 * *3537830 * *3537820 * *3537810

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

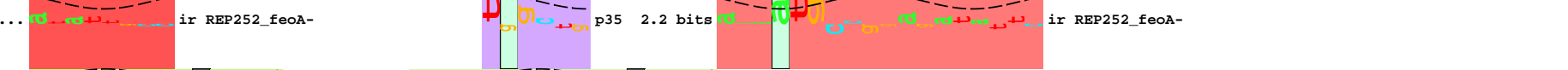
-fMet - pro - glu - tyr - ile - met - ser - leu - ala - val - glu - ile - ala - gly - ile - tyr - tyr - glu - phe - alv - cys - gly - ile - lys - met - pro - glu - ile - phe - ser - gly - thr - phe - met - ser - gly - lys - ala -



... p10 6.0 bits

{-----} sd-(9)-ir 3537872 Gap 2.3 bits

[###] orf 7 codons



... p35 2.2 bits



... p10 2.5 bits

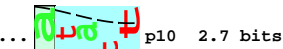
... p10 6.5 bits

{-----} sd-(8)-ir 3537849 Gap 2.4 bits

|-----| sd-ir 3537872 REP252_feoA- total 11.0 bits

... p10 7.1 bits

|-----| sd-ir 3537849 REP252_feoA- total 9.6 bits



... p10 2.7 bits

{-----} p35-(26)-p10 3537838 Gap 3.7 bits

{-----} p35-p10 3537838 total 4.5 bits

```
... } p35-(23)-p10 3537890 Gap 1.4 bits  
... | p35-p10 3537890 total 5.6 bits
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```
... -----} p35-(24)-p10 3537877 Gap 2.4 bits  
... -----} p35-p10 3537877 total 7.4 bits  
... -----} p35-(26)-p10 3537875 Gap 3.7 bits  
... -----} p35-p10 3537875 total 6.7 bits
```

```
5' *3537800 *3537790 *  
c g t t c g t t g c c a g a t g c g g c g t q a a c g c 3'  
- - -fMet - pro - asp - ala - ala - - -  
- - -fMet - arg - arg - glu - arg -  
- phe - val - ala - arg - cys - gly - val - - -
```