

piece 1, NC_000913, serV_csrA+, config: linear, direction: +, begin: 2816638, end: 2817002

*2816640 * *2816650 * *2816660 * *2816670 * *2816680 * *2816690 * *2816700 * *2816710 *

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

- glu - arg - leu - gln - pro - leu - gly - his - leu - thr - thr - arg - leu - leu - arg - val - leu - arg - arg - thr - cys - leu - ser - leu - ile - val - ala -

- ser - ala - phe - ser - leu - ser - ala - thr - ser - pro - his - his - ala - ser - tyr - glu - cys - phe - glu - glu - leu - val - tyr - arg - ser - ser - ser - leu -

- ala - pro - ser - ala - ser - arg - pro - pro - his - his - thr - pro - leu - thr - ser - ala - ser - lys - asn - leu - phe - ile - ala - his - arg - arg - cys -

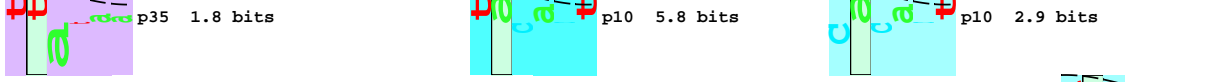
*2816720 * *2816730 * *2816740 * *2816750 * *2816760 * *2816770 * *2816780 * *2816790 *

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

- ala - trp - arg - thr - tyr - phe - leu - arg - leu - ile - ser - gln - thr - ile - phe - pro - thr - leu - leu - ser - phe - ala - his - phe - thr - phe -

- arg - gly - ala - his - ile - thr - phe -

- val - ala - his - ile - leu - leu - ser - glu - thr - tyr - lys - ser - asn - asn - phe - ser - tyr - thr - phe - ile - val - cys - thr - leu - his - val - gln -



----- p35-(22)-p10 2816770 Gap 2.3 bits ... p10

----- p35-p10 2816770 total 5.3 bits

p35 5.3 bits

----- p35-(22)-p10 2816787 Gap 2.3 bits

----- p35-p10 2816787 total 5.9 bits

p35 4.8 bits

----- p35-(23)-p10 2816798 Gap 1.4 bits

----- p35-p10 2816798 total 6.4 bits

*2816800 * *2816810 * *2816820 * *2816830 * *2816840 * *2816850 * *2816860 * *2816870 * *2816880

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

- asn - phe - tyr - gln - gln - lys - asn - gly - gly - leu - thr - asp - ser - ser - asn - ala - lys - lys -

- ile - ser - leu -

- leu - val - cys - lys - asn - val - lys - lys - ser - val - leu - ser - thr - glu - glu - trp - arg - ser - asp - arg - - - - - fMet - gln - lys - asn -

- - - - - fMet - - - - - fMet - - - - - fMet -

p35 3.4 bits

p10 3.2 bits

p10 3.0 bits

----- p35-(22)-p10 2816831 Gap 2.3 bits

----- p35-p10 2816831 total 4.3 bits

----- sd-(8)-ir 2816880 Gap 2.4 bits

----- sd-ir 2816880 serV_csrA+ total

... sd

p35 3.0 bits

----- p35-(23)-p10 2816894 Gap

----- p35-p10 2816894 total 4.2

*2816890 * *2816900 * *2816910 * *2816920 * *2816930 * *2816940 * *2816950 * *2816960

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

- trp - arg - leu - lys - leu - asn - glu - arg - glu -

- gly - asp - leu - ser - - fMet - asn - gly - ser - lys - ala - lys - arg - leu - - - - - fMet - lys - glu - lys - phe - - - - - fMet - arg - val - arg - leu - thr - asp -

- glu - thr - - - - - fMet - - - - - fMet - - - - - fMet -

ir serV_csrA+

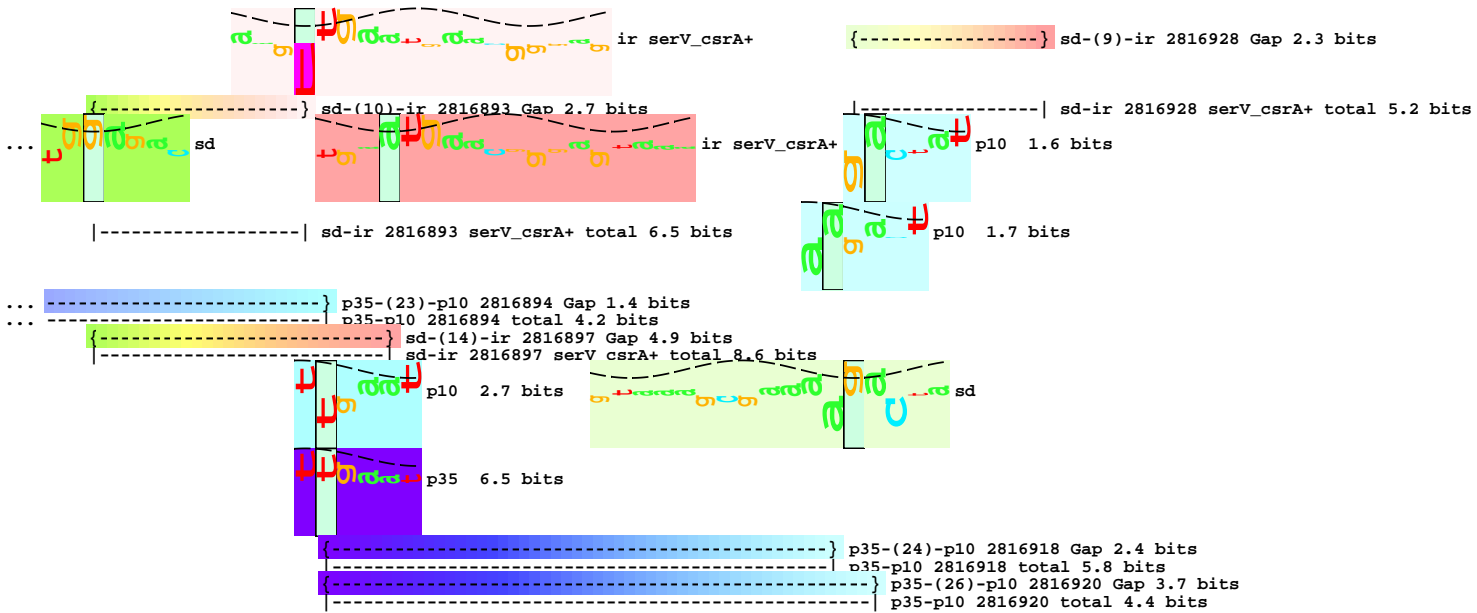
###> orf 6 codons

###> orf 10 codons

###> orf 6 codons

###> orf 4 codons

ir serV_csrA+



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

*2816970 *2816980 *2816990 *2817000

- lys - asp - glu - thr - arg - lys - asp - - - -

- -fMet - arg - arg - gly - lys - ile - ser - asn - trp - thr - ala - gly -

<----- NC_000913.csrA