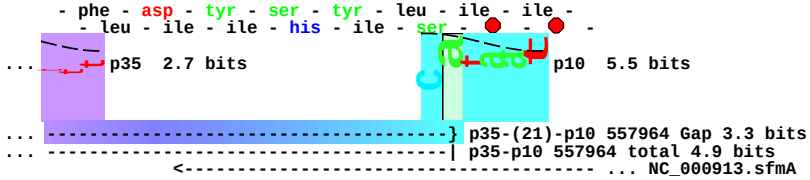
piece 1, NC_000913, sfmA_sfmC-, config: linear, direction: -, begin: 558226, end: 557958
*558220 *558210 *558200 *558190 *558180 *558170 *558160 *558150
5′ g a g c a t c a a t a a c t t t a t t t t a g t c a t c a t a g t t a a t a c g c c t t g t g t a t t c c t g a c g g c a a a a a t a a g g a a t a t a a a g a a 3′
- glu - his - gln - -fMet - cys - ile - pro - asp - gly - lys - asn - lys - glu - tyr - lys - glu -
- ser - ile - asn - asn - phe - ile - leu - val - ile - ile - val - asn - thr - pro - cys - val - phe - leu - thr - ala - lys - ile - arg - asn - ile - lys - lys -
- ala - ser - ile - thr - leu - phe - -fMet - tyr - ser -
... ----------] NC_000913.sfmC
sd ... ir
{---------- ... sd-(12)-ir 558145
|---------- ... sd-ir 558145 sfmA_
*558140 *558130 *558120 *558110 *558100 *558090 *558080 *558070
5′ a t g a t t g c t t t g g t t c t t a c a a c a c a t c a t c c c t t t t c a t t t a a t a a a g c g g c a t g a t a c a a a g t g a a c a t g a t t t c g a 3′
- met - ile - ala - leu - val - ser - tyr - asn - thr - ser - phe - pro - phe - his - leu - ile - lys - arg - his - asp - thr - lys -
- -fMet - leu - trp - phe - leu - thr - thr - his - his - ser - leu - phe - ile - -fMet - ile - gln - ser - glu - his - asp - phe - asp -
-fMet - asn - met - ile - ser - ile -
... ir sfmA_sfmC-
p10 3.5 bits
sd
[###> orf 23 codons
... } sd-(12)-ir 558145 Gap 4.0 bits
p35 2.3 bits
p10 2.4 bits
ir sfmA_sfmC-
... | sd-ir 558145 sfmA_sfmC- total 12.4 bits
{---------- sd-(12)-ir 558080 Gap 4.0 bits
|---------- sd-ir 558080 sfmA_sfmC- total 5.4 bits
p35 5.3 bits
{---------- p35-(21)-p10 558119 Gap 3.3 bits
... ir
|---------- p35-p10 558119 total 5.5 bits
sd
p35 4.5 bits
p10 4.5 bits
{---------- sd-(6)-ir 558074 Gap 4.3 bits
{---------- p35-(23)-p10 558108 Gap 1.4 bits
|---------- sd-ir 558074 sfmA_sfmC- total 6.3 bits
|---------- p35-p10 558108 total 5.5 bits
{---------- p35-(24)-p10 558103 Gap 2.4 bits
|---------- p35-p10 558103 total 4.4 bits
*558060 *558050 *558040 *558030 *558020 *558010 *558000 *557990
5′ t t t a c a t t g c c a c c a t a c c g c t t c a g a c a a c c g g t a c a t t a c t t t g t t a t a a g a c g t g a t a t a t a a t t c a a a a c a a c g t g g 3′
-fMet - pro - pro - tyr - arg - phe - arg - gln - pro - val - his - tyr - phe - val - ile - arg - arg - asp - ile -
- leu - his - cys - his - his - thr - ala - ser - asp - asn - arg - tyr - ile - thr - leu - leu - -fMet - ile - tyr - asn - ser - lys - gln - arg - gly -
- tyr - ile - ala - thr - ile - pro - leu - gln - thr - thr - gly - thr - leu - leu - cys - tyr - lys - thr - -fMet - val -
p35 1.6 bits
[###> orf 25 codons
... p35
p10 8.4 bits
{--- ... p35-(21)-p10 55796
{---------- p35-(23)-p10 558002 Gap 1.4 bits|--- ... p35-p10 557964 tot
|---------- p35-p10 558002 total 8.5 bits
... ir sfmA_sfmC-
*557980 *557970 *557960
5′ t t t t g a t t a t t c a t a t c t c a t a a t a a 3′
-


- phe - asp - tyr - ser - tyr - leu - ile - ile -
- leu - ile - ile - his - ile - ser -
... p35 2.7 bits
p10 5.5 bits
... } p35-(21)-p10 557964 Gap 3.3 bits
... | p35-p10 557964 total 4.9 bits
<---------- ... NC_000913.sfmA