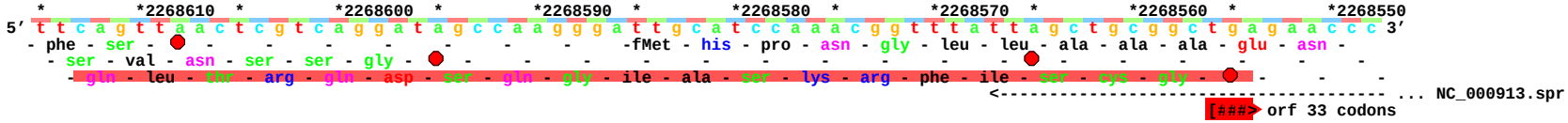
piece 1, NC_000913, spr_rtn-, config: linear, direction: -, begin: 2268777, end: 2268548
*2268770 *2268760 *2268750 *2268740 *2268730 *2268720 *2268710 *2268700
5′ a c g t c c a a a a t t g g g a g c g c g t a t g a a c a t g a t t c c g t t a a t t t c c t g a a a t t a c g a c a a c a t t t a a a a g a t a a c a a t g a c 3′
- thr - ser - lys - ile - gly - ser - ala - tyr - glu - his - asp - ser - val - asn - phe - leu - lys - leu - arg - gln - his - leu - lys - asp - asn - asn - asp -
- arg - pro - lys - leu - gly - ala - arg - met - asn - met - ile - pro - leu - ile - ser - -fMet - thr -
- val - gln - asn - trp - glu - arg - val -
...] NC_000913.rtn
[###> orf 9 codons
... ir
ir spr_rtn-
sd
ir spr_rtn-
sd
{} sd-(7)-ir 2268701 Gap 3.7 bits
{} sd-(8)-ir 2268755 Gap 2.4 bits
p35 5.3 bits
|| sd-ir 2268701 spr_rtn- total 9.
|| sd-ir 2268755 spr_rtn- total 8.4 bits
p10 2.5 bits
{} sd-(14)-ir 2268749 Gap 4.9 bits
p35 5.6 bits
|| sd-ir 2268749 spr_rtn- total 7.7 bits
... p35-(24)-p10 22686
{} p35-(23)-p10 2268712 Gap 1.4 bits
|| p35-p10 2268712 total 6.4 bits
... p35-p10 2268690 to
... p35-(26)-p10 22686
... p35-p10 2268688 to
*2268690 *2268680 *2268670 *2268660 *2268650 *2268640 *2268630 *2268620
5′ c g g a c t a t a g c c t g g a t c a a g a c g c g g a a a c a t c a t t t t c t c t g a t g a a t g a a a a c a a a a a a a g c a c t g c c t a a g c a g t g c t 3′
- arg - thr - ile - ala - trp - ile - lys - thr - arg - lys - his - his - phe - leu - -fMet - lys - thr - lys - lys - his - cys - leu - ser - ser - ala -
- gly - leu - -fMet - leu -
-fMet - asn - glu - asn - lys - lys - ala - leu - pro - lys - gln - cys - phe -
... ir spr_rtn-
ir spr_rtn-
[###> orf 5 codons
{} sd-(18)-ir 2268652 Gap 6.9 bits
sd
p10 1.6 bits
|| sd-ir 2268652 spr_rtn- total 7.0 bits
p10 3.4 bits
p10 3.5 bits
p35 2.1 bits
... } p35-(24)-p10 2268690 Gap 2.4 bits
{} p35-(23)-p10 2268665 Gap 1.4 bits
|| p35-p10 2268665 total 4.1 bits
... | p35-p10 2268690 total 4.7 bits
... } p35-(26)-p10 2268688 Gap 3.7 bits
... | p35-p10 2268688 total 5.3 bits


* *2268610 * *2268600 * *2268590 * *2268580 * *2268570 * *2268560 * *2268550
5' t t c a g t t a a c t c g t c a g g a t a g c c a a g g g a t t g c a t c c a a a c g g t t t a t t a g c t g c g g c t g a g a a c c c 3'
- phe - ser - -fMet - his - pro - asn - gly - leu - leu - ala - ala - ala - glu - asn -
- ser - val - asn - ser - ser - gly -
- gln - leu - thr - arg - gln - asp - ser - gln - gly - ile - ala - ser - lys - arg - phe - ile - ser - cys - gly -
<---------- ... NC_000913.spr
[###> orf 33 codons