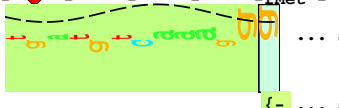


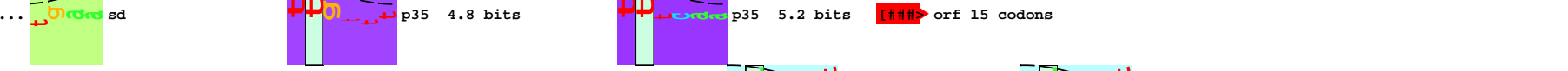
piece 1, NC_000913, nac_asnV-, config: linear, direction: -, begin: 2060313, end: 2059938

*2060310 * *2060300 * *2060290 * *2060280 * *2060270 * *2060260 * *2060250 * *2060240 *
 5' c c g c c g t t c t a c c g a c t g a a c t a c a g a g g a a t c g t g t g a a c g g g c g c a t t a a t g g c a g t g c a t g g t g a t g t c a a a g g g 3'
 - pro - pro - phe - tyr - arg - leu - asn - tyr - arg - gly - ile - val - - -fMet - ala - val - his - gly - asp - val - lys - gly -
 - arg - arg - ser - thr - asp - - - -fMet - val - met - ser - lys - gly -
 - ala - val - leu - pro - thr - glu - leu - gln - arg - asn - arg - val - asn - gly - ala - his - ile - asn - gly - ser - ala - trp - -fMet -



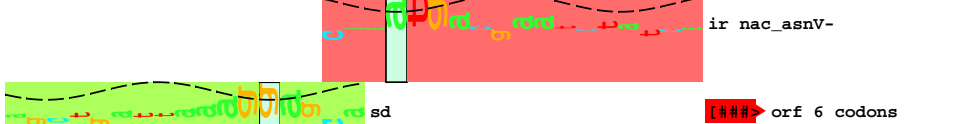
... sd
 {- ... sd-(5)-ir 2060228 Gap
 | ... sd-ir 2060228 nac_asnV- t

*2060230 * *2060220 * *2060210 * *2060200 * *2060190 * *2060180 * *2060170 * *2060160 *
 5' t g a a t g c a t t t t t t t t t g t t g t t g c t g t c a a t t t c a a c a a g t g g t g a g c t t t c a a t c t t a t t g g g t a a t g a a c c a t c g t 3'
 -fMet - phe - ala - val - asn - phe - asn - lys - val - val - ser - phe - gln - ser - tyr - trp - val - met - asn - his - arg -
 - glu - met - his - phe - phe - val - cys - leu - leu - ser - ile - ser - thr - lys - trp - -fMet -
 - lys - cys - ile - phe - leu - phe - val - cys - cys - gln - phe - gln - gln - ser - gly - glu - leu - ser - ile - leu - leu - gly - asn - glu - pro - ser - trp -



... sd
 ... p35 4.8 bits
 ... p35 5.2 bits [###] orf 15 codons
 ... sd-(5)-ir 2060228 Gap 5.4 bits
 ... p10 2.2 bits
 ... p10 2.3 bits
 ... sd-ir 2060228 nac_asnV- total 7.7 bits
 ... ir nac_asnV-
 ... p35-(22)-p10 2060177 Gap 2.3 bits
 ... p35-p10 2060177 total 5.2 bits
 ... p35-(24)-p10 2060193 Gap 2.4 bits
 ... p35-p10 2060193 total 4.6 bits p10 0.7 bits
 ... p35-(23)-p10 2060176 Gap 1.4 bits
 ... p35-p10 2060176 total 4.4 bits

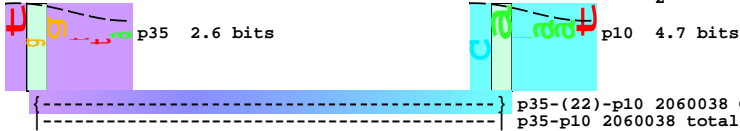
*2060150 * *2060140 * *2060130 * *2060120 * *2060110 * *2060100 * *2060090 * *2060080 *
 5' g g t g c a t a c c c t c t t t t a t a g g g c a g g g g a a c g c g a c a g c t g a t t a a a g g a g c a a a t g a c g a a t c t a t c a t a a t c t c t t a 3'
 - gly - ala - tyr - pro - pro - phe - ile - gly - gln - gly - asn - ala - thr - ala - asp - -fMet - thr - gln - leu - ser -
 - val - his - thr - leu - leu - leu - - - -fMet - thr - gln - leu - ser -
 - cys - ile - pro - ser - phe - tyr - arg - ala - gly - glu - arg - asp - ser -



[###] orf 6 codons

... sd-(6)-ir 2060095 Gap 4.3 bits
 ... sd-ir 2060095 nac_asnV- total 12.0 bits
 ... p35 2.5 bits
 ... p10 6.3 bits
 ... p35-(23)-p10 2060084 Gap 1.4 bits
 ... p35-p10 2060084 total 7.4 bits
 ... p10 5.5 bits
 ... p35-(26)-p10 2060081 Gap 3.7 bits
 ... p35-p10 2060081 total 4.3 bits

*2060070 * *2060060 * *2060050 * *2060040 * *2060030 * *2060020 * *2060010 * *2060000 * *2059990 *
 5' t t t g a c a g t t g g t t a g c t t g t a c a t c a a c a c c a a a a a t a a a a c t g g c a a g c a t c t t g c a a t c t g g t t g t a a g t a a t g g c g g c 3'
 -fMet - thr - val - gly - -fMet - val - ser - leu - tyr - ile - asn - thr - lys - ile - lys - leu - ala - ser - ile - leu - gln - ser - gly - cys - lys - -fMet - ala - ala -



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

*2059980 * *2059970 * *2059960 * *2059950 * *2059940 *

- leu - gly - pro - ile - leu - lys - asn - arg - arg - gln - his - glu - leu - gln - thr - pro - glu -

-fMet - gly - arg - phe - leu - lys - thr - gly - gly - asn - met - asn - phe - arg - arg - leu -

