

piece 1, NC_000913, nac_asnV+, config: linear, direction: +, begin: 2059928, end: 2060303

*2059930 * *2059940 * *2059950 * *2059960 * *2059970 * *2059980 * *2059990 * *2060000 *

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

- tyr - glu - val - phe - gln - ala - ser - glu - val - his - val - ala - ser - gly - phe - fMet - pro - pro - leu - leu - thr - thr -

- thr - lys - tyr - phe - arg - arg - leu - lys - phe - met - leu - pro - pro - val - phe - lys - asn - arg - pro - lys - cys - arg - his - tyr - leu - gln - pro -

- arg - ser - ile - ser - gly - val

-----] NC_000913.nac

*2060010 * *2060020 * *2060030 * *2060040 * *2060050 * *2060060 * *2060070 * *2060080 *

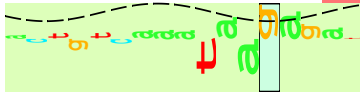
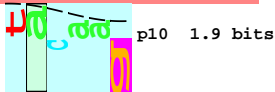
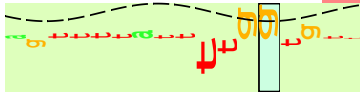
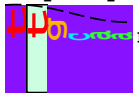
5' a g a t t g c a a g a t g c t t g c c a g t t t t a t t t g g t t g a t g t a c a a g c t a a c c a a c t g t c a a a t a a g a g a t t a t g a t a g a t t 3'

- arg - leu - gln - asp - ala - cys - gln - phe - tyr - phe - gly - val - asp - val - gln - ala - asn - gln - leu - ser - asn - lys - arg - leu - fMet - ile - asp - ser -

- asp - cys - lys - met - leu - ala - ser - phe - ile - leu - val - leu - met - tyr - lys - leu - thr - asn - cys - gln - ile - arg - asp - tyr - asp - arg - phe -

- fMet - pro - val - leu - phe - trp - cys

ir nac_asnV+ ... ir



p35 6.1 bits

{-----} sd-(6)-ir 2060046 Gap 4.3 bits

{-----} sd-(6)-ir 2060080 Gap 4.3 bits

p35 6.1 bits

|-----| sd-ir 2060046 nac_asnV+ total 5.8 bits

|-----| sd-ir 2060080 nac_asnV+ total 6.8 bits

p10 5.2 bits

{-----} ... p35-(23)-p10 2060104 Gap

p35-(21)-p10 2060034 Gap 3.3 bits

|-----| ... p35-p10 2060104 total 5.5

p35-p10 2060034 total 8.0 bits

p35-(26)-p10 2060050 Gap 3.7 bits

p35-p10 2060050 total 4.2 bits

*2060090 * *2060100 * *2060110 * *2060120 * *2060130 * *2060140 * *2060150 * *2060160 * *2060170 *

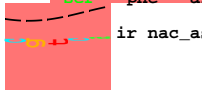
5' c g t c a t t t g c t c c t t t a a t c a g c t g t c g c g t t c c c t g c c c t a t a a a a g g a g g t a t g c a c c a c c a g a t g g t t c a t t a c c c a a 3'

- fMet - leu - leu - fMet - his - his - asp - gly - ser - leu - pro - asn -

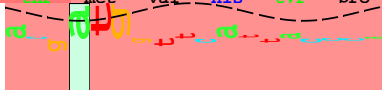
- val - ile - cys - ser - phe - asn - gln - leu - ser - arg - ser - pro - ala - leu - fMet - his - his - asp - gly - ser - leu - pro - asn -

- ser - phe - ala - pro - leu - ile - ser - cys - arg - val - pro - leu - pro - tyr - lys - arg - arg - val - cys - thr - thr - met - val - his - tyr - pro - ile -

ir nac_asnV+ p10 4.5 bits [###] orf 30 codons ir nac_asnV+



[###] orf 30 codons



p35-(23)-p10 2060104 Gap 1.4 bits

{-----} sd-(6)-ir 2060145 Gap 4.3 bits

sd-ir 2060145 nac_asnV+ total 8.2 bits

p35-p10 2060104 total 5.5 bits

{-----} sd-(16)-ir 2060155 Gap 6.4 bits

sd-ir 2060155 nac_asnV+ total 7.9 bits

* * *2060180 * *2060190 * *2060200 * *2060210 * *2060220 * *2060230 * *2060240 * *2060250 *

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

- fMet - leu - lys - leu - thr - ala - asn - lys - gln - lys - asn - ala - phe - his - pro - leu - thr - ser - pro - cys -

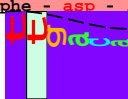
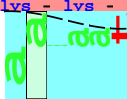
- lys - ile - glu - ser - ser - pro - leu - cys - fMet - his - phe - thr - leu - fMet - his - phe - thr - leu - fMet - his - phe - thr - leu - fMet - his - phe - thr - leu -

- arg - leu - lys - ala - his - his - phe - val - glu - ile - asp - ser - lys - gln - thr - lys - lys - cys - ile - ser - pro - phe - asp - ile - thr - met - his -

ir nac_asnV+ p35 6.4 bits [###] orf 18 codons p10 3.8 bits p35 6.4 bits



[###] orf 18 codons



p10 1.7 bits

{-----} ... p35-(23)-p10 2060261 Gap

p35-(21)-p10 2060198 Gap 3.3 bits

|-----| ... p35-p10 2060261 total 11.

p35-p10 2060198 total 4.8 bits

