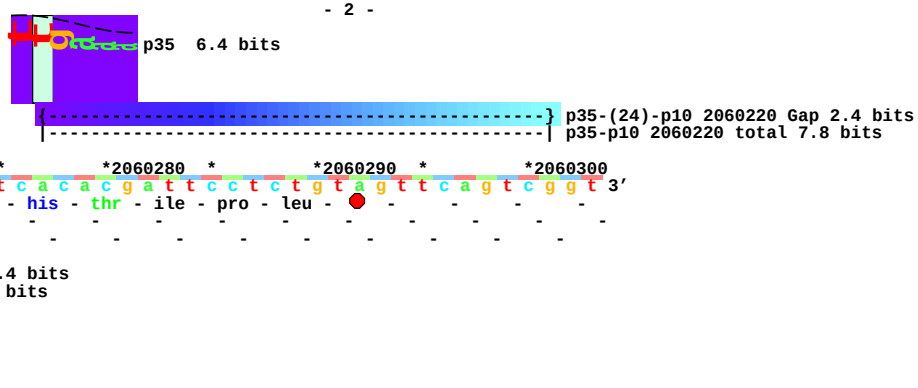
piece 1, NC_000913, nac_asnV+, config: linear, direction: +, begin: 2059928, end: 2060303
*2059930 *2059940 *2059950 *2059960 *2059970 *2059980 *2059990 *2060000 *
5′ t a c g a a g t a t t t c a g g c g t c t g a a g t t c a t g t t g c c t c c g g t t t t t a a g a a t c g g c c c a a g t g c c g c 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 t g g t 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 -
- 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 - -fMet - ile - asp - ser -
p35 6.1 bits
ir nac_asnV+
... ir
sd
p10 1.9 bits
sd
p35 2.5 bits
p35 6.1 bits
{----------} sd-(6)-ir 2060046 Gap 4.3 bits
{----------} sd-(6)-ir 2060080 Gap 4.3 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 20601
{---------- p35-(21)-p10 2060034 Gap 3.3 bits
|---------- p35-p10 2060034 total 8.0 bits
|---------- ... p35-p10 2060104 to
{---------- 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 c t g c c c t a t a a a a g g a g g g t a t g c a c c a c g a t g g t t c a t t a c c c a a 3′
-fMet - leu - leu -
- 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+
ir nac_asnV+
sd
{----------} sd-(6)-ir 2060145 Gap 4.3 bits
|---------- sd-ir 2060145 nac_asnV+ total 8.2 bits
... ----------} p35-(23)-p10 2060104 Gap 1.4 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 c 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′
- lys - ile - glu - ser - ser - pro - leu - cys - -fMet - leu - lys - leu - thr - ala - asn - lys - gln - lys - asn - ala - phe - his - pro - leu - thr - ser - pro - cys -
- 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 -
p35 6.4 bits
[###> orf 18 codons
p10 3.8 bits
p35 6.4 bits
p10 1.7 bits
{---------- ... p35-(23)-p10 20602
{---------- p35-(21)-p10 2060198 Gap 3.3 bits
|---------- p35-p10 2060198 total 4.8 bits
|---------- ... p35-p10 2060261 to


p35 6.4 bits
p35-(24)-p10 2060220 Gap 2.4 bits
p35-p10 2060220 total 7.8 bits
*2060260
*2060270
*2060280
*2060290
*2060300
5' a c t g c c a t t a a t a t g c g c c c c g t t c a c a c g a t t c c t c t g t a g t t c a g t c g g t 3'
- thr - ala - ile - asn - met - arg - pro - val - his - thr - ile - pro - leu -
- cys - his -
orf 61 codons
p35-(23)-p10 2060261 Gap 1.4 bits
p35-p10 2060261 total 11.3 bits
p10 6.3 bits