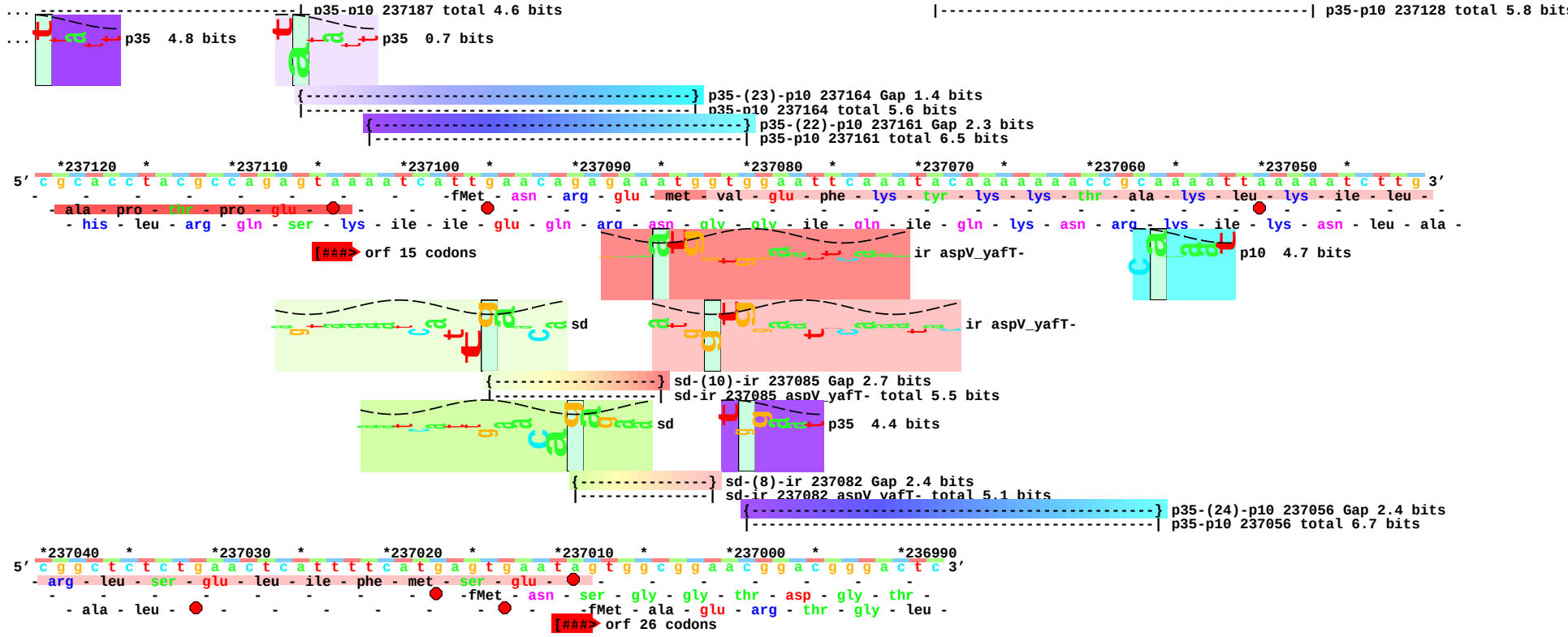
piece 1, NC_000913, aspV_yafT-, config: linear, direction: -, begin: 237364, end: 236988
*237360 *237350 *237340 *237330 *237320 *237310 *237300 *237290
5′ a c a t a t g c a a c a a a g c t t t t t g a a t t c a t a a t t g g a c a c t c c c t c g c c t g t c a t a a t g a t t a g a a t a t t t a g c a t t g a t a 3′
- thr - tyr - ala - thr - lys - leu - phe - fMet - ile -
- his - met - gln - gln - ser - phe - phe - glu - phe - ile - ile - gly - his - ser - leu - ala - cys - his - asn - asp -
- ile - cys - asn - lys - ala - phe - leu - asn - ser - fMet - asp - thr - pro - ser - pro - val - ile - met - ile - arg - ile - phe - ser - ile - asp - asn -
... ----------] NC_000913.yafT
p10 2.7 bits
p10 4.5 bits
p35 3.0 bits
p10 5.5 bits
p35 3.2 bits
{----------} p35-(23)-p10 237336 Gap 1.4 bits
|----------| p35-p10 237336 total 7.0 bits
{----------} p35-(21)-p10 237293 Gap 3.3 bits
|----------| p35-p10 237293 total 4.4 bits
p35 4.3 bits
{----------} p35-(22)-p10 237308 Gap 2.3 bits
|----------| p35-p10 237308 total 4.6 bits
*237280 *237270 *237260 *237250 *237240 *237230 *237220 *237210
5′ a c g g a c t c t a a t t a t a t a c c t c a c t t a a a t a a t a a c a a a c a a a a t c a a t t t g a a a t a t a c a t t c a t t t a a t c a a t a t a a a t 3′
- thr - asp - ser - asn - tyr - ile - pro - his - leu - asn - asn - asn - lys - gln - asn - gln - phe - glu - ile - tyr - ile - his - leu - ile - asn - ile - asn -
- gly - leu - fMet - lys - tyr - thr - phe - ile -
p35 6.4 bits
p10 3.4 bits
{----------} p35-(22)-p10 237211 Gap 2.3 bits
|----------| p35-p10 237211 total 7.5 bits
p35 2.2 bits
p35 1.4 bits
{---------- ... p35-(22)-p10 23720
|---------- ... p35-p10 237200 tot
{---------- ... p35-(21)-p10 23718
|---------- ... p35-p10 237187 tot
... p35
*237200 *237190 *237180 *237170 *237160 *237150 *237140 *237130
5′ t t a t t c t c t a g a a a t a t a t t t a a g c t g a a t g g t t c g a t a t c a t t a t t g a a t t t t a a t g a a t g a g a c a a c a a g c g a g a a t c a 3′
- leu - phe - ser - arg - asn - ile - phe - lys - leu - asn - gly - ser - ile - ser - leu - leu - asn - phe - asn - glu - fMet - val - arg - tyr - his - tyr - fMet - asn - glu - thr - thr - ser - glu - asn - his -
fMet - arg - gln - gln - ala - arg - ile - thr -
p10 6.0 bits
p10 6.5 bits
p10 6.3 bits
ir aspV_yafT-
p10 4.6 bits
sd
p10 2.5 bits
{----------} p35-(21)-p10 237181 Gap 3.3 bits
|----------| p35-p10 237181 total 6.1 bits
{----------} sd-(8)-ir 237147 Gap 2.4 bits
|----------| sd-ir 237147 aspV_yafT- total 9.4 bits
... ----} p35-(22)-p10 237200 Gap 2.3 bits
p10 4.2 bits
... ----| p35-p10 237200 total 5.8 bits
p35 4.7 bits
p35 5.7 bits
... ----------} p35-(21)-p10 237187 Gap 3.3 bits
{----------} p35-(22)-p10 237128 Gap 2.3 bits


p35-p10 237187 total 4.6 bits
p35 4.8 bits
p35 0.7 bits
p35-p10 237128 total 5.8 bits
p35-(23)-p10 237164 Gap 1.4 bits
p35-p10 237164 total 5.6 bits
p35-(22)-p10 237161 Gap 2.3 bits
p35-p10 237161 total 6.5 bits
*237120
*237110
*237100
*237090
*237080
*237070
*237060
*237050
5′ c g c a c c t a c g c c a g a g t a a a a t c a t t g a a c a g a g a a a t g g t g g a a t t c a a a t a c a a a a a a a a c c g c a a a a t t a a a a a t c t t g 3′
-fMet - asn - arg - glu - met - val - glu - phe - lys - tyr - lys - lys - thr - ala - lys - leu - lys - ile - leu -
- ala - pro - thr - pro - glu -
- his - leu - arg - gln - ser - lys - ile - ile - glu - gln - arg - asn - gly - gly - ile - gln - ile - gln - lys - asn - arg - lys - ile - lys - asn - leu - ala -
[###> orf 15 codons
ir aspV_yafT-
p10 4.7 bits
sd
ir aspV_yafT-
sd-(10)-ir 237085 Gap 2.7 bits
sd-ir 237085 aspV_yafT- total 5.5 bits
sd
p35 4.4 bits
sd-(8)-ir 237082 Gap 2.4 bits
sd-ir 237082 aspV_yafT- total 5.1 bits
p35-(24)-p10 237056 Gap 2.4 bits
p35-p10 237056 total 6.7 bits
*237040
*237030
*237020
*237010
*237000
*236990
5′ c g g c t c t c t g a a c t c a t t t t c a t g a g t g a a t a g t g g c g g a a c g g a c g g g a c t c 3′
- arg - leu - ser - glu - leu - ile - phe - met - ser - glu -
-fMet - asn - ser - gly - gly - thr - asp - gly - thr -
- ala - leu -
-fMet - ala - glu - arg - thr - gly - leu -
[###> orf 26 codons