

p35 4.6 bits

*1292440 * *1292450 * *1292460 * *1292470 * *1292480 * *1292490 * *1292500 * *1292510 * *1292520

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

- pro - tyr - met - met - lys - ser - arg - thr - val - ala - ile - arg - ala - trp - thr - leu - val - leu - his - tyr - leu - leu - glu - val - asn -

sd ir hns_tdk+ orf 13 codons

ir hns_tdk+

p35-(24)-p10 1292453 Gap 2.4 bits
 p35-p10 1292453 total 4.9 bits
 sd-(7)-ir 1292456 Gap 3.7 bits
 sd-ir 1292456 hns_tdk+ total 5.7 bits
 p10 2.7 bits

*1292530 * *1292540 * *1292550 * *1292560 * *1292570 * *1292580 * *1292590 * *1292600

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

- arg - gly - leu - leu - leu - ala - gln - gln - val - lys - asp - cys - glu - val - val - asn - ser - tyr - gln - gln - ser - phe - thr - arg - leu -

sd ir hns_tdk+ orf 12 codons {-----} ... sd-(9)-ir 1292608 Gap

{-----} sd-(10)-ir 1292555 Gap 2.7 bits

|-----| sd-ir 1292555 hns_tdk+ total 7.4 bits

sd

p10 4.1 bits |-----} ... sd-ir 1292608 hns_tdk+ total 7.4 bits

p35 2.3 bits

p35-(23)-p10 1292587 Gap 1.4 bits
 p35-p10 1292587 total 4.9 bits

*1292610 * *1292620 * *1292630 * *1292640 * *1292650 * *1292660 * *1292670 * *1292680

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

-fMet - ile - ala - gln - lys - asp - tyr - ala - arg - leu - arg - lys - gly - glu - arg - ile - tyr - pro - leu - leu - cys - ile - leu - leu - ser -

-fMet - gln - gly - phe - val - arg - glu - asn - ala - tyr - thr - his - phe - cys - ala - tyr - cys - fMet - his - thr - val - glu - leu -

{-----} sd-(9)-ir 1292608 Gap 2.3 bits

p35 3.2 bits

sd ir hns_tdk+

{-----} ... p35-(22)-p10 1292700 Gap

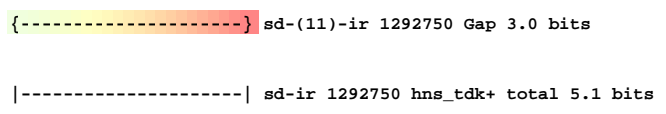
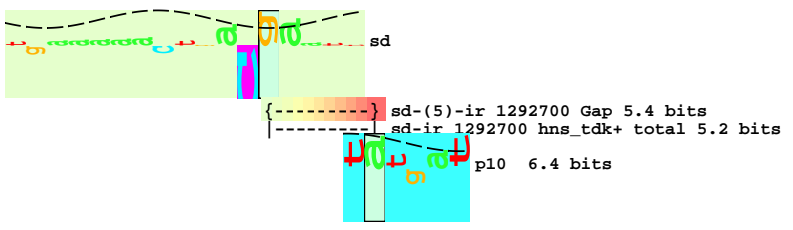
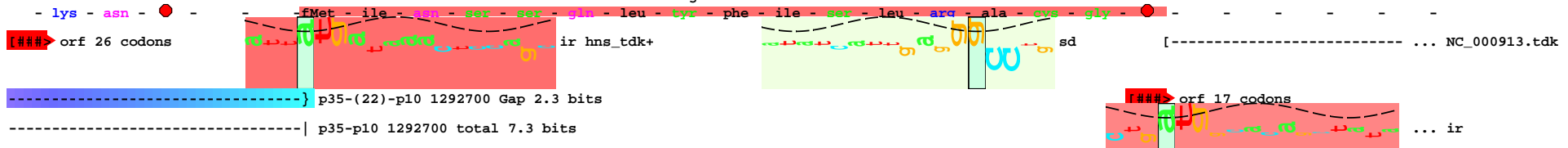
|-----| sd-ir 1292608 hns_tdk+ total 8.6 bits

|-----} ... p35-p10 1292700 total 7.3 bits

*1292690 * *1292700 * *1292710 * *1292720 * *1292730 * *1292740 * *1292750 * *1292760

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

-fMet - ala - asp - gly - thr - ala - ile - fMet - ala - gln - leu - tyr -



*
5' t t t c t a 3'
- phe - leu -
- phe -

NC_000913.tdk
orf
ir hns_tdk+