

piece 1, NC_000913, paaY_ydbA-, config: linear, direction: -, begin: 1463445, end: 1463066

*1463440 * *1463430 * *1463420 * *1463410 * *1463400 * *1463390 * *1463380 * *1463370 *

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

- thr - gly - arg - gln - fMet - his - asn - lys - ser - phe - trp - arg - ile - gln - ala - asp - asn - arg - val - phe - leu - cys - ile - ile - asn - pro - ser - gly - glu - tyr - lys - glu - ser - arg - met - his

- arg - pro - thr - ile - glu - phe - ser - phe - ala

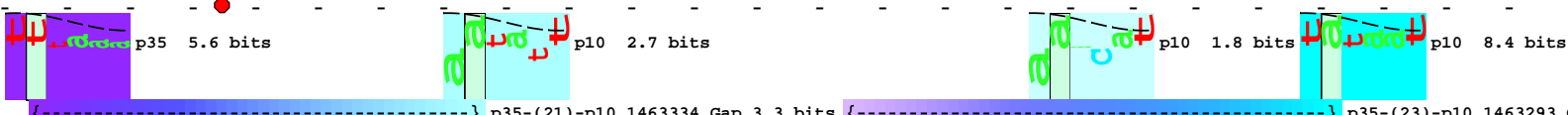


p35-(22)-p10 1463398 Gap 2.3 bits
p35-p10 1463398 total 6.1 bits

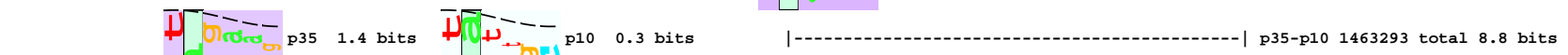
*1463360 * *1463350 * *1463340 * *1463330 * *1463320 * *1463310 * *1463300 * *1463290 *

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

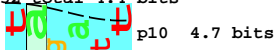
- fMet - pro - val - asp - tyr - tyr - leu - ile - lys - his - thr - phe - leu



p35-(21)-p10 1463334 Gap 3.3 bits p35-(23)-p10 1463293 Gap 1.4 bits
p35-p10 1463334 total 5.0 bits p35 1.9 bits



p35-(23)-p10 1463332 Gap 1.4 bits
p35-p10 1463332 total 4.4 bits



p35-(23)-p10 1463323 Gap 1.4 bits
p35-p10 1463323 total 4.7 bits

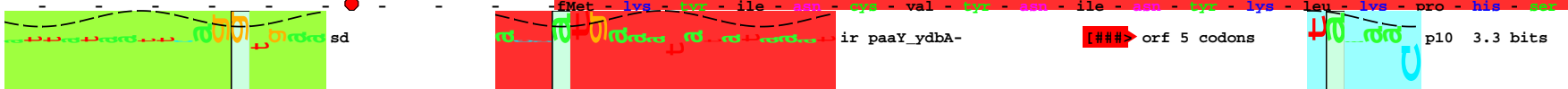


p35-(24)-p10 1463306 Gap 2.4 bits
p35-p10 1463306 total 5.4 bits

*1463280 * *1463270 * *1463260 * *1463250 * *1463240 * *1463230 * *1463220 * *1463210 *

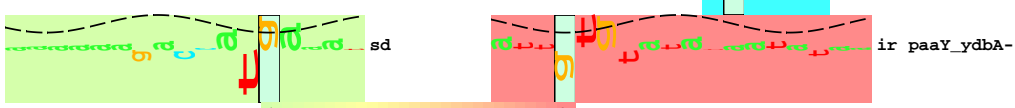
5' a t t a t a a t t c a g t g a a t a a a a a a g a c a t g a a a t a t a t a a a t t g t g t a t a t a t a a a t t a c a a a t t a a a c c c a c a t t 3'

- fMet - asn - lys - lys - arg - pro - fMet - tyr - ile - ile - fMet - cys - ile -

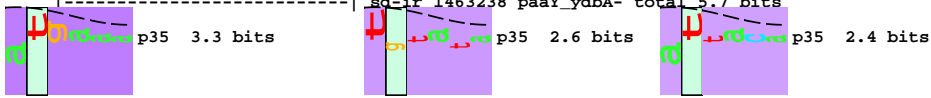


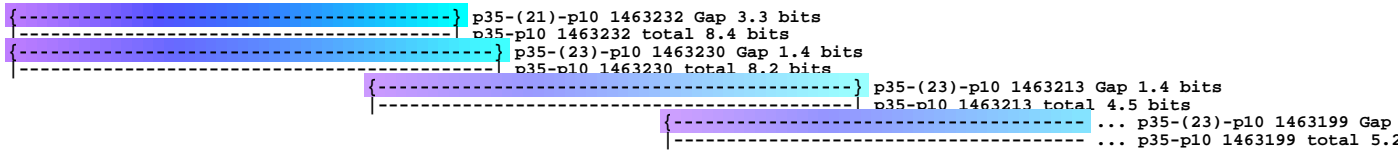
sd-(17)-ir 1463254 Gap 6.5 bits p10 8.4 bits p35 2.5 bits

sd-ir 1463254 paaY_ydbA- total 14.6 bits p10 6.3 bits ... p35-(23)-p10 1463192 Gap



sd-(14)-ir 1463238 Gap 4.9 bits
sd-ir 1463238 paaY_ydbA- total 5.7 bits

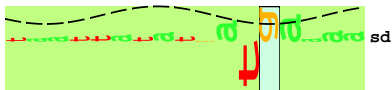
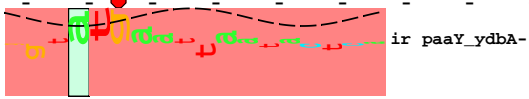




*1463200 * *1463190 * *1463180 * *1463170 * *1463160 * *1463150 * *1463140 * *1463130 *
 5' c t c a t t t a t a a a t a a t t a t a t g a t g a a a a a a c g g t a t g a a t t a a t a c t c a a a t a a a t a a a g c a g a g c t t a a a c a t a a c t c t g 3'

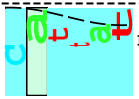


[###] orf 22 codons

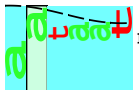


[###] orf 3 codons

... {-----} p35-(23)-p10 1463192 Gap 1.4 bits
 ... {-----} p35-p10 1463192 total 5.6 bits



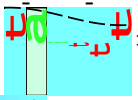
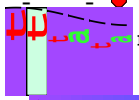
{-----} sd-(11)-ir 1463168 Gap 3.0 bits



|-----| sd-ir 1463168 paaY_ydbA- total 10.1 bits

... {-----} p35-(23)-p10 1463199 Gap 1.4 bits
 ... {-----} p35-p10 1463199 total 5.2 bits

*1463120 * *1463110 * *1463100 * *1463090 * *1463080 * *1463070
 5' c t t t t a t a a t t a a a g g g a c a a a a t a a t t t t a c a t c t g t t a c t g t t t c g g t c g c a g a t 3'



<----- ... NC_000913.paaY

{-----} p35-(21)-p10 1463098 Gap 3.3 bits
 {-----} p35-p10 1463098 total 5.8 bits