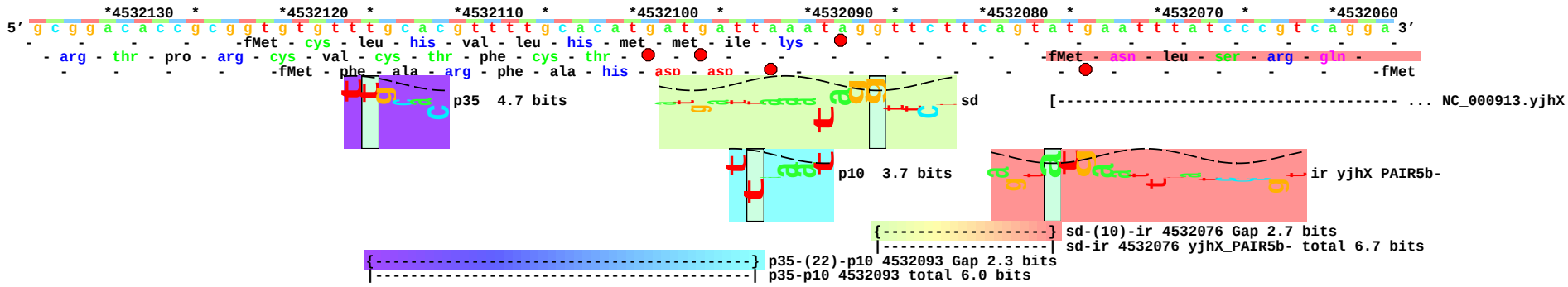
piece 1, NC_000913, yjhX_PAIR5b-, config: linear, direction: -, begin: 4532782, end: 4532057

p35 2.6 bits
p10 4.6 bits
sd-(9)-ir 4532395 Gap 2.3 bits
sd-ir 4532395 yjhX_PAIR5b- total 8.7 bits
p35-(23)-p10 4532419 Gap 1.4 bits
sd-(12)-ir 453
sd-ir 4532368
p35-(24)-p10 4532450 Gap 2.4 bits
p35-p10 4532450 total 6.4 bits
p35-p10 4532419 total 5.8 bits
*4532370 *4532360 *4532350 *4532340 *4532330 *4532320 *4532310 *4532300
5′ t a c t t c a a c a t g c a t t c g t c a g t g t c a t c t g c c t t t t c c a g t a a a t g g g t t g g c a t t c a a t t t c c a a a g t a c a t c a c a c t t 3′
- tyr - phe - asn - met - his - ser - ser - val - ser - ser - ala - phe - ser - ser - lys - trp - val - gly - ile - gln - phe - pro - lys - tyr - ile - thr - leu -
-fMet - ala - phe - asn - phe - gln - ser - thr - ser - his - phe -
-fMet - gly - trp - his - ser - ile - ser - lys - val - his - his - thr - phe -
ir yjhX_PAIR5b-
p35 5.2 bits
p10 3.0 bits
p10 2.9 bits
sd
p35-(21)-p10 4532321 Gap 3.3 bits
p35-p10 4532321 total 4.9 bits
p10 1.5 bits
sd-(12)-ir 4532368 Gap 4.0 bits
sd-ir 4532368 yjhX_PAIR5b- total 6.3 bits
p35-(23)-p10 4532319 Gap 1.4 bits
p35-p10 4532319 total 5.3 bits
p35 4.1 bits
p35-(24)-p10 4532302 Gap 2.4
p35-p10 4532302 total 4.6 bit
*4532290 *4532280 *4532270 *4532260 *4532250 *4532240 *4532230 *4532220
5′ t t t c t a c t g a a a c a t a t c c c t c c t a t a a c t a c g t g t t a a t a t t c g c t c c g t a a a t a c c t t t c a a c t c a a c c c g a g g c t t g 3′
- phe - leu - leu - lys - his - ile - pro - pro - ile - thr - thr - cys -
-fMet -
- phe - tyr -
- ser - thr - glu - thr - tyr - pro - ser - tyr - asn - tyr - val - leu - ile - phe - ala - pro -
p35 4.4 bits
p10 4.1 bits [###> orf 46 codons
p35 5.2 bits
... p10
p35-(23)-p10 4532272 Gap 1.4 bits
p35-p10 4532272 total 7.0 bits
... p35-(22)-p10 4
... p35-p10 453221
... p35
... p35-(25)-p10 4
... p35-p10 453219
*4532210 *4532200 *4532190 *4532180 *4532170 *4532160 *4532150 *4532140
5′ a t g c t g g a g a a t g t a a t c a t c c g a t a a t c a g t t c c c c g a c c t t t t c a g g c c g g a c t g a t t a t c a a t g c g c c g a a a t c g a a t 3′
- met - leu - glu - asn - val - ile - ile - arg -
-fMet -
-fMet - arg - arg - asn - arg - met -
p10 1.3 bits
p10 4.3 bits
} p35-(22)-p10 4532215 Gap 2.3 bits
| p35-p10 4532215 total 4.1 bits
p35 4.7 bits
p35-(25)-p10 4532192 Gap 4.0 bits
p35-p10 4532192 total 5.0 bits


*4532130
*4532120
*4532110
*4532100
*4532090
*4532080
*4532070
*4532060
5’ g c g g a c a c c g c g g t g t g t t t g c a c g t t t t g c a c a t g a t g a t t a a a t a g g t t c t t c a g t a t g a a t t t a t c c c g t c a g g a 3’
-fMet - cys - leu - his - val - leu - his - met - met - ile - lys -
- arg - thr - pro - arg - cys - val - cys - thr - phe - cys - thr -
-fMet - asn - leu - ser - arg - gln -
-fMet - phe - ala - arg - phe - ala - his - asp - asp -
-fMet
p35 4.7 bits
sd
[------------------------------------ ... NC_000913.yjhX
p10 3.7 bits
ir yjhX_PAIR5b-
{------------------} sd-(10)-ir 4532076 Gap 2.7 bits
|------------------| sd-ir 4532076 yjhX_PAIR5b- total 6.7 bits
{--} p35-(22)-p10 4532093 Gap 2.3 bits
|--| p35-p10 4532093 total 6.0 bits