

piece 1, NC_000913, ycfQ_ycfR-, config: linear, direction: -, begin: 1168325, end: 1168036

*1168320 *1168310 *1168300 *1168290 *1168280 *1168270 *1168260 *1168250 *

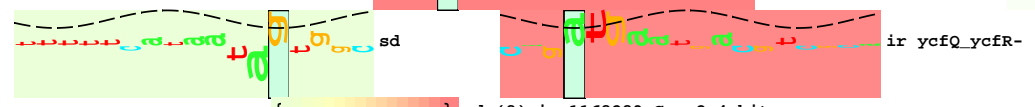
5' c g c a g c g a t g a g g t t t t t a c g t t t t t c a t a a t a g t g g c c t t a t g c a g a t g a a t g a c g t c g c a a g c a a t t a c t t a a c g a t c 3'

- arg - ser - asp - glu - gly - phe - tyr - val - phe - his - asn - ser - gly - leu - met - gln - met - asn - asp - val - ala - ser - asn - tyr - leu - thr - ile -

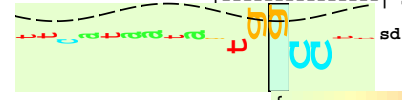
- ala - ala - met - arg - val - phe - thr - phe - phe - ile - ile - val - ala - leu - cys - arg - -fMet - thr - ser - gln - ala - ile - thr -

- gln - arg -

...] NC_000913.ycfR ir ycfQ_ycfR- ... sd



sd-(8)-ir 1168283 Gap 2.4 bits
sd-ir 1168283 ycfQ_ycfR- total 6.4 bits



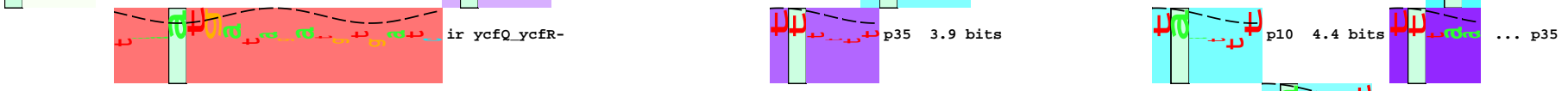
sd-(11)-ir 1168277 Gap 3.0 bits
sd-ir 1168277 ycfQ_ycfR- total 5.9 bits

*1168240 *1168230 *1168220 *1168210 *1168200 *1168190 *1168180 *1168170 *

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

- asp - asn - -fMet - ile - asp - val - ile - trp - ile - thr - tyr - lys - ile - phe - phe - ile - thr - ile - ile - -fMet -

... orf 16 codons p35 2.1 bits p10 4.1 bits orf 19 codons ... p10



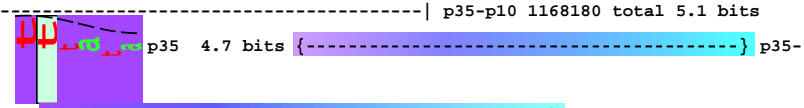
sd-(9)-ir 1168235 Gap 2.3 bits p35-(23)-p10 1168196 Gap 1.4 bits p10 3.8 bits

sd-ir 1168235 ycfQ_ycfR- total 5.9 bits

p35-(21)-p10 1168180 Gap 3.3 bits

p35-p10 1168196 total 4.7 bits p35 5.6 bits

p35-p10 1168180 total 5.1 bits



p35-(24)-p10 1168174 Gap 2.4 bits
p35-p10 1168174 total 6.1 bits

p35 2.6 bits ... p35-(25)-p10 1168142 Gap

p35-p10 1168165 total 5.0 bits

... p35-(22)-p10 1168155 Gap

... p35-p10 1168155 total 6.9

... p35-p10 1168142 total 4.8

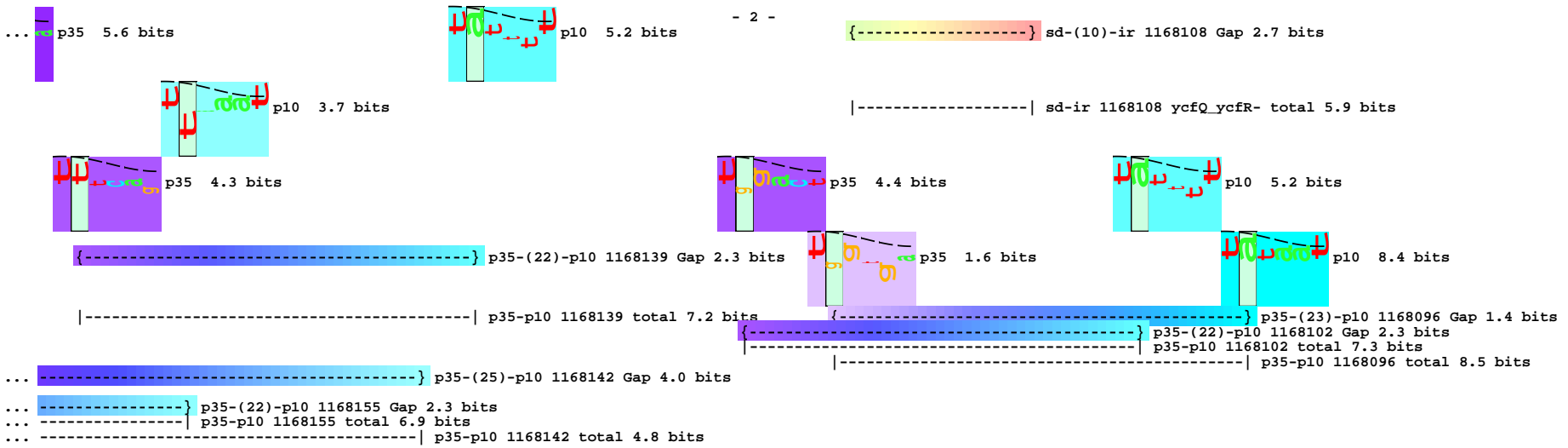
*1168160 *1168150 *1168140 *1168130 *1168120 *1168110 *1168100 *1168090 *

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

- -fMet - gly - ser - gly - leu - val - asn - gly - gly - asp - tyr - phe - tyr - asn - asn - leu - ser -

- -fMet - ile - ile - phe - ile - ile - thr - phe - his -

... p10 5.7 bits p10 3.3 bits sd ir ycfQ_ycfR-



*1168080 * *1168070 * *1168060 * *1168050 * *1168040

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

- phe - thr - val - thr - arg - tyr - asn - gly - ile - met - ala - thr - asp - ser - thr -

- ser - gln - ser - pro - gly - thr - thr - ala - ser - trp - gln - leu - thr - gln - his -

