

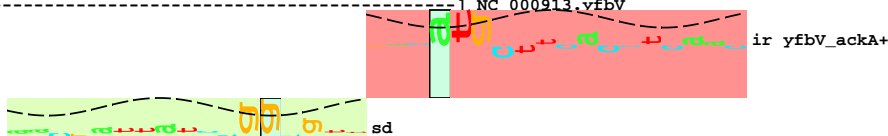
piece 1, NC_000913, yfbV_ackA+, config: linear, direction: +, begin: 2411125, end: 2411511

*2411130 * *2411140 * *2411150 * *2411160 * *2411170 * *2411180 * *2411190 * *2411200 *

5' attaacgagacgattatccggcgttgacatgcttcaacttcaacttcaacataaagattcaaaaatttggtgcaaatccaca 3'

- ile - asn - arg - thr - ile - ile - arg - arg - val - asp - met - leu - his - leu - asn - phe - thr - tyr - lys - asp - ser - lys - ile - cys - ala - asn - ser - gln -

- leu - thr - glu - arg - leu - ser - gly - val - fMet - thr - cys - phe - thr - ser - thr - ser - his - ile - lys - ile - gln - lys - phe - val - gln - ile - his - asn -



sd-(8)-ir 2411153 Gap 2.4 bits
 sd-ir 2411153 yfbV_ackA+ total 6.8 bits

*2411210 * *2411220 * *2411230 * *2411240 * *2411250 * *2411260 * *2411270 * *2411280 *

5' acctcagcgggacacgcttcaaaaacattttgcttccataaccactatcagggtatcctttagcagcctgaaggccctaagtag 3'

- thr - gln - arg - asp - asn - val - gln - asn - ile - leu - ser - ser - ile - pro - thr - ile - arg - tyr - pro - leu - ala - ala -

- leu - ser - gly - thr - thr - phe - lys - thr - phe - cys - leu - pro - tyr - pro - leu - ser - gly - ile - leu -

- ser - ala - gly - gln - arg - ser - lys - his - phe - val - phe - his - thr - his - tyr - gln - val - ser - phe - ser - ser - leu - lys - ala -



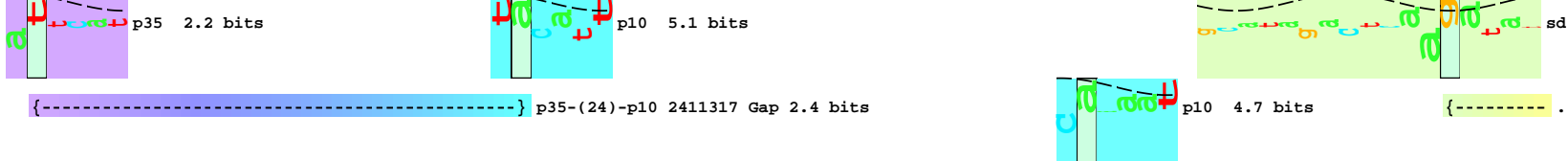
p35 5.6 bits
 p35-(24)-p10 2411258 Gap 2.4 bits
 p35-p10 2411258 total 8.4 bits

*2411290 * *2411300 * *2411310 * *2411320 * *2411330 * *2411340 * *2411350 * *2411360 *

5' tacatatattcattgagtcggtcaaaattccatatacattatgcccattggctgaaaatttacgcacaaaatggccatagactcaagatat 3'

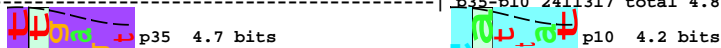
- fMet - ser - arg - gln - ile - his - ile - his - tyr - ala - ile - gly -

- fMet - pro - leu - ala - glu - asn - tyr - ala - lys - trp - his - arg - leu - lys - ile - phe -



p35 2.2 bits p10 5.1 bits p10 4.7 bits ... sd-(15)-ir 2411378 Gap 2.4 bits

p35-p10 2411317 total 4.8 bits



p35 4.7 bits p10 4.2 bits

p35-(21)-p10 2411319 Gap 3.3 bits
 p35-p10 2411319 total 5.6 bits



p35 3.0 bits

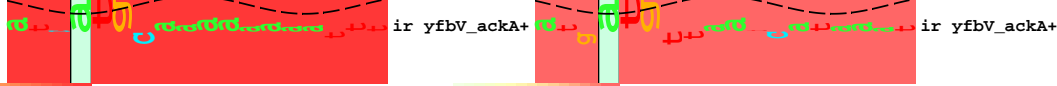
p35-(22)-p10 2411345 Gap 2.3 bits
 p35-p10 2411345 total 5.4 bits

*2411370 * *2411380 * *2411390 * *2411400 * *2411410 * *2411420 * *2411430 * *2411440 *

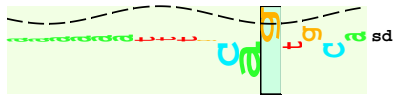
5' ttccttccatcatgcaaaaaaaaatttgacagtgcatgatggttaacataaatgtcgggtgctcatcatggcgtacgctctatggc 3'

- fMet - gln - lys - lys - phe - ala - val - his - asp - val - asn - his - lys - cys - arg - cys - his - his - ala - leu - arg - ser - met - ala -

- leu - pro - ser - cys - lys - lys - asn - gln - cys - met - met - leu - ile - ile - val - gly - val - ile - met - arg - tyr - ala - leu - trp - leu -



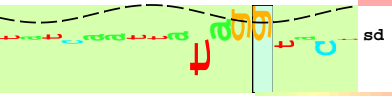
sd-(15)-ir 2411378 Gap 6.0 bits
 sd-(7)-ir 2411403 Gap 3.7 bits
 sd-ir 2411378 yfbV_ackA+ total 8.1 bits



|-----| sd-ir 2411403 yfbV_ackA+ total 6.1 bits

*2411450 * *2411460 * *2411470 * *2411480 * *2411490 * *2411500 * *2411510
5' t c c c t g a c g t t t t t t t a g c c a c g t a t c a a t t a t a g g t a c t t c c a t g t c g a g t a a g t t a g t a c t 3'
- ser - leu - thr - phe - phe - - - - - fMet - ser - ser - lys - leu - val -
- pro - asp - val - phe - leu - ala - thr - tyr - glu - leu -
[###] orf 26 codons [###] orf 27 codons

ir yfbV_ackA+



}-----} sd-(8)-ir 2411492 Gap 2.4 bits
|-----| sd-ir 2411492 yfbV_ackA+ total 6.4 bits

... NC_000913.ackA