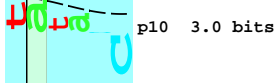


piece 1, NC\_000913, yjcB\_yjcC-, config: linear, direction: -, begin: 4273523, end: 4273045

5' <sup>\*4273520 \*</sup> <sup>\*4273510 \*</sup> <sup>\*4273500 \*</sup> <sup>\*4273490 \*</sup> <sup>\*4273480 \*</sup> <sup>\*4273470 \*</sup> <sup>\*4273460 \*</sup> <sup>\*4273450 \*</sup>  
 - gln - fMet - val - ser - cys - thr - met - thr - his - cys - tyr - gln - phe - pro - ala - cys - leu - tyr - pro - ala - ile - ala - arg - -  
 - ser - asn - trp - cys - arg - ala - arg -  
 - val - ile - gly - val - val - his - asp - asp - ser - leu - leu - ser - ile - ser - cys - leu - phe - ile - pro - gly - his - cys - lys - val - lys - thr - leu -



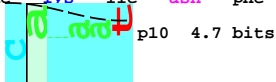
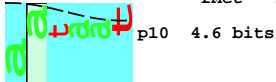
p35-(23)-p10 4273470 Gap 1.4 bits  
 p35-p10 4273470 total 6.8 bits

5' <sup>\*4273440 \*</sup> <sup>\*4273430 \*</sup> <sup>\*4273420 \*</sup> <sup>\*4273410 \*</sup> <sup>\*4273400 \*</sup> <sup>\*4273390 \*</sup> <sup>\*4273380 \*</sup> <sup>\*4273370 \*</sup>  
 - gly - tyr - arg - arg - leu -  
 - gly - thr - asp - val - phe - arg -

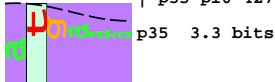


... p35-(23)-p10 4273349 Gap  
 ... p35-p10 4273349 total 7.5

5' <sup>\*4273360 \*</sup> <sup>\*4273350 \*</sup> <sup>\*4273340 \*</sup> <sup>\*4273330 \*</sup> <sup>\*4273320 \*</sup> <sup>\*4273310 \*</sup> <sup>\*4273300 \*</sup> <sup>\*4273290 \*</sup>  
 - fMet - lys - ile - ile - his -  
 -  
 - fMet - ile - phe - lys - ile - asn - phe - leu - gln - glu - cys - arg - gly - gly - gly - lys - ile - cys - pro - - -

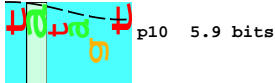
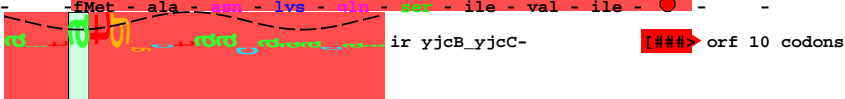
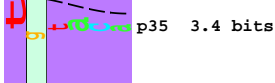


p35-(23)-p10 4273349 Gap 1.4 bits  
 p35-p10 4273349 total 7.5 bits

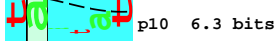


p35-(22)-p10 4273332 Gap 2.3 bits  
 p35-p10 4273332 total 5.7 bits

5' <sup>\*4273280 \*</sup> <sup>\*4273270 \*</sup> <sup>\*4273260 \*</sup> <sup>\*4273250 \*</sup> <sup>\*4273240 \*</sup> <sup>\*4273230 \*</sup> <sup>\*4273220 \*</sup> <sup>\*4273210 \*</sup> <sup>\*4273200 \*</sup>  
 - pro - leu - lys - asn - his - ile - ile - cys - thr - ala - ile - lys - val - thr - ala -  
 -  
 - fMet - ala -



sd-(7)-ir 4273230 Gap 3.7 bits  
 sd-ir 4273230 yjcB\_yjcC- total 7.6 bits



p35-(24)-p10 4273233 Gap 2.4 bits  
 p35-p10 4273233 total 7.3 bits

p35-(24)-p10 4273204 Gap 2.4 bits  
 p35-p10 4273204 total 6.6 bits

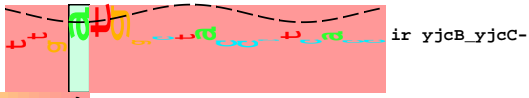
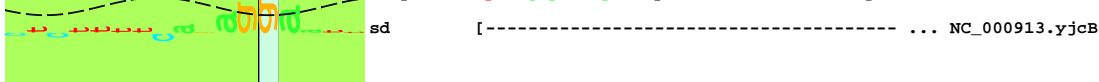
5' <sup>\*</sup> <sup>\*4273190 \*</sup> <sup>\*4273180 \*</sup> <sup>\*4273170 \*</sup> <sup>\*4273160 \*</sup> <sup>\*4273150 \*</sup> <sup>\*4273140 \*</sup> <sup>\*4273130 \*</sup> <sup>\*4273120 \*</sup>  
 - t - c - a - c - a - a - a - a - t - t - a - a - t - g - a - a - a - c - a - a - c - a - g - a - g - t - g - t - t - t - c - a - t - t - t - t - g - t - g - t - t - c - t - g - c - a - a - g - c - c - c - c - g - c - g - a - t - a - g - c - c - a - g - a - g - t - g - t - a - c - c - a - c - g - c - t - c - c - 3'

- 2 -

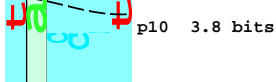
-fMet - phe - his - phe - cys - val - leu - gln - ala - pro - arg - -  
 -fMet - lys - gln - thr - glu - cys - phe - ile - phe - val - phe - cys - lys - pro - arg - asp - ser - gln - ser - val - pro - arg - leu - pro -

\*4273110 \*4273100 \*4273090 \*4273080 \*4273070 \*4273060 \*4273050 \*

5' c g t g a a c a a c g c c g c g c t g t c c a g g g c a t c g g c t c t t t t c a g a g g a a t t g t t t g a t g g c t a c c c t c a c c a c t g g 3'  
 -fMet - glu - gln - arg - arg - ala - val - gln - gly - ile - gly - ser - phe - gln - arg - asn - cys - leu - met - ala - thr - leu - thr - thr - -  
 -fMet - asn - asn - ala - ala - leu - ser - arg - ala - ser - ala - leu - phe - arg - gly - ile - val - -fMet - phe - asp - gly - tyr - pro - his - his - trp -



{-----} sd-(10)-ir 4273064 Gap 2.7 bits  
 |-----| sd-ir 4273064 vicB yjcC- total 11.2 bits



{-----} p35-(23)-p10 4273058 Gap 1.4 bits  
 |-----| p35-p10 4273058 total 6.6 bits