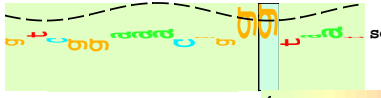
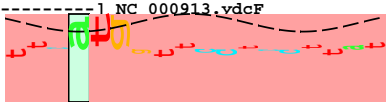


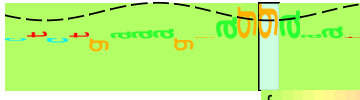
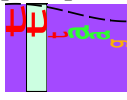
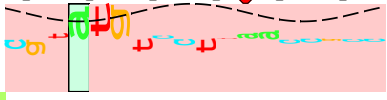
piece 1, NC_000913, hrpA_ydcF-, config: linear, direction: -, begin: 1485288, end: 1484968

5' ^{*}cgaaagcgtcgggaaacggggtaatgttcaatggttccctcccttatacgttcccttaagaaatactgctgagataatagtgaaga3'
 - arg - lys - arg - arg - lys - arg - gly - asn - val - his - gly - ser - ser - leu - ser - phe - pro - fMet - arg - fMet - arg - ser -
 - glu - ser - val - gly - asn - gly - val - met - phe - met - val - pro - pro - tyr - arg - ser - leu - lys - asn - thr - ala - fMet - arg - ser -
 - lys - ala - ser - glu - thr - gly -



sd-(9)-ir 1485260 Gap 2.3 bits
 sd-ir 1485260 hrpA_ydcF- total 5.9 bits

5' ^{*}g c g g a g c a c t c t g a a a g g a g g a a a t c g t a t g t c c t t a a c c g c c a c t c c g c a a g c c t g a c a t a t c t t t t a a g g a a a t g c t g t 3'
 - gly - ala - leu - fMet - ser - leu - thr - ala - thr - pro - gln - ala - fMet - leu - fMet - leu -

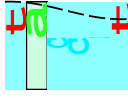
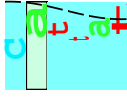


sd-(8)-ir 1485179 Gap 2.4 bits
 sd-ir 1485179 hrpA_ydcF- total 8.2 bits

... p35-(23)-p10 1485118 Gap

... p35-p10 1485118 total 7.4

5' ^{*}agataaacattattcattctcttcagcagagagaattgtgtaattttcttgaaattccctgaaatttttaacccttaaccggttttagaatttaa3'
 - fMet - gln - gln - arg - ile - val - phe - phe - fMet - tyr - phe - ser - glu - phe - leu - asn - phe - tyr - pro - tyr - arg - phe - arg - ile - asn -

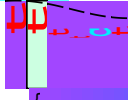


p10 4.2 bits

p10 5.2 bits

p10 3.8 bits

... p35-(23)-p10 1485118 Gap 1.4 bits



p35 4.8 bits

... p35-p10 1485118 total 7.4 bits



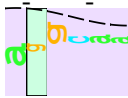
p35 2.2 bits

p35-(21)-p10 1485067 Gap 3.3 bits

p35-p10 1485067 total 5.2 bits

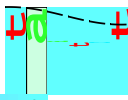
p35-(23)-p10 1485091 Gap 1.4 bits
 p35-p10 1485091 total 6.0 bits

5' ^{*}t a a a a a a c c c g g c g c t a a a t g c t t a c c g g g t t t t t t c t t t a t c a g g c a a a t a g c a g g g t t a a c c g c t a a t c t g c t c c a 3'
 - lys - lys - pro - gly - ala - lys - cys - leu - thr - gly - phe - phe - leu - tyr - gln - ala - asn - ser - arg - val - asn - arg - fMet - thr - ala - asn - leu - leu -



p35 0.9 bits

... NC_000913.hrpA



p10 5.2 bits

p35-(23)-p10 1484978 Gap 1.4 bits
 p35-p10 1484978 total 4.6 bits