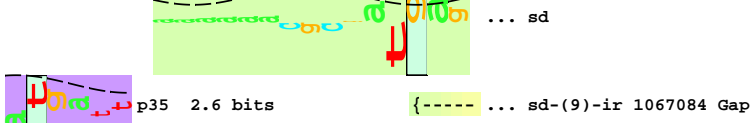


piece 1, NC_000913, wrbA_ymdF-, config: linear, direction: -, begin: 1067333, end: 1066912

5' ***1067330 *** ***1067320 *** ***1067310 *** ***1067300 *** ***1067290 *** ***1067280 *** ***1067270 *** ***1067260 ***
 a t t g c c g g a a c c g c c t c g a t g g t t t g c c a t t a c t g a c c t c c g t c t g g g t a t a g a c a t c a t a t t g c a t a g a a t t a a c g c g g c 3'
 - ile - ala - gly - thr - ala - ser - met - val - cys - his - tyr - ● - leu - arg - leu - arg - leu - gly - ile - asp - ile - ile - leu - his - arg - ile - asn - ala - ala -
 - cys - arg - asn - arg - leu - asp - gly - leu - pro - leu - leu - thr - ser - val - trp - val - ● -

5' ***1067250 *** ***1067240 *** ***1067230 *** ***1067220 *** ***1067210 *** ***1067200 *** ***1067190 *** ***1067180 ***
 g t a t g g c g g c t g c c a t a t t t t c g c t a c g t g g g a c t a a g c t t a g t g a a c t g a c c g c g g c a g a c c c g c g t t t g g t a a t a t c c t 3'
 - tyr - gly - gly - cys - his - ile - phe - ala - thr - fMet - gly - leu - ser - leu - val - asn - ● - fMet - ala - ala - ala - ile - phe - ser - leu - arg - gly - thr - lys - leu - ser - glu - leu - thr - arg - ala - asp - pro - arg - leu - val - ile - ser - cys -
 - fMet - ala - ala - ala - ile - phe - ser - leu - arg - gly - thr - lys - leu - ser - glu - leu - thr - arg - ala - asp - pro - arg - leu - val - ile - ser - cys -

5' ***1067170 *** ***1067160 *** ***1067150 *** ***1067140 *** ***1067130 *** ***1067120 *** ***1067110 *** ***1067100 ***
 g c a a c a g c t t c t t a g c g a g a a t a g a t a t c a t c t c c a a t a a t t a t c c a t a a g c c g c t c t t a t g a t t a a a a a a c g c g a t g a g 3'
 - asn - ser - phe - leu - ala - arg - ile - asp - ile - ile - ser - asn - asn - tyr - pro - ● - - - - - fMet - ile - lvs - lvs - thr - arg - fMet - arg -



sd-ir 1067084 wrbA_ymdF-
 p35-(24)-p10 1067087 Gap
 p35-p10 1067087 total 4.0

5' ***1067090 *** ***1067080 *** ***1067070 *** ***1067060 *** ***1067050 *** ***1067040 *** ***1067030 *** ***1067020 *** ***1067010 ***
 a t a a a a a t g t g t c a t t t t t g c g a c a a a a t t a c g t g c t t g t g a a a g t t g t t a t a a a t c a a a t a a g t g g t t g t g a a a t t t t g c a c 3'
 - fMet - cys - his - phe - fMet - arg - gln - asn - tyr - val - leu - val - lys - val - val - ile - asn - gln - ile - ser - gly - cys - glu - ile - cys - thr -
 - fMet - ser - phe - cys - asp - lys - ile - thr - cys - leu - ● - - - - - fMet - leu - ● - - - - - fMet - val - val - lys - phe - ala - leu -



sd-(9)-ir 1067084 Gap 2.3 bits
 sd-ir 1067084 wrbA_ymdF- total 7.9 bits
 p35-(24)-p10 1067087 Gap 2.4 bits
 p35-p10 1067087 total 4.0 bits
 p10 3.8 bits
 p35 4.7 bits
 p35-(22)-p10 1066992 Gap
 p35-p10 1066992 total 6.8

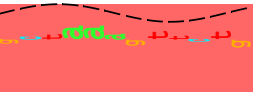
5' ***1067000 *** ***1066990 *** ***1066980 *** ***1066970 *** ***1066960 *** ***1066950 *** ***1066940 *** ***1066930 ***
 t c t g a a a a g g a c g t c t t a t c t t t a a a t a a g t g g t a g c g a a t c g c t a c g g a a t a g a g a t a a c a c g a g g a g t g g t t a g a a a t g 3'
 - ser - glu - lys - asp - val - leu - ser - leu - asn - lys - trp - ● - - - - - fMet - val - ala - asn - arg - tyr - gly - ile - glu - ile - thr - arg - gly - val - val - arg - asn - gly -
 - leu - lys - arg - thr - ser - tyr - leu - ● - - - - - fMet - val - ala - asn - arg - tyr - gly - ile - glu - ile - thr - arg - gly - val - val - arg - asn - gly -



p10 4.5 bits
 sd-(12)-ir 1066931 Gap 4.0 bits
 sd-ir 1066931 wrbA_ymdF- total 12.0
 p35-(22)-p10 1066992 Gap 2.3 bits
 p35-p10 1066992 total 6.8 bits

5' ***1066920 ***
 g c t a a a g t t c t g g t g c t 3'
 - ala - lys - val - leu - val - ● -

... NC_000913.wrbA

...  ir wrbA_ymdF-