piece 1, NC_000913, marC_marR-, config: linear, direction: -, begin: 1617173, end: 1616913
*1617170 *1617160 *1617150 *1617140 *1617130 *1617120 *1617110 *1617100 *
5′ t t c a t t g a a c a g a t c g c t g g t a c t t t t c a c a t t a g t t g c c c t g g c a a g t a a t t a g t t g c a g g g a t a a t a t t g c c c a g g c a 3′
- phe - ile - glu - gln - ile - ala - gly - thr - phe - his - ile - ser - cys - pro - gly - lys -
- ser - leu - asn - arg - ser - leu - val - leu - phe - thr - leu - val - ala - leu - ala - ser - asn - -fMet - gln - gly - ile - ile - leu - pro - arg - gln -
- his - -fMet - pro - trp - gln - val - ile - ser - cys - arg - gly -
... ----------] NC_000913.marR
p35 4.0 bits
... sd
p35 5.0 bits
p10 2.2 bits
p10 4.3 bits
{----- ... sd-(15)-ir 1617080
{----------} p35-(23)-p10 1617145 Gap 1.4 bits
p10 6.3 bits |----- ... sd-ir 1617080 marC
|----------| p35-p10 1617145 total 5.8 bits
{----------} p35-(22)-p10 1617109 Gap 2.3 bits
|----------| p35-p10 1617109 total 6.0 bits
{----------} p35-(24)-p10 1617107 Gap 2.4 bits
|----------| p35-p10 1617107 total 7.8 bits
*1617090 *1617080 *1617070 *1617060 *1617050 *1617040 *1617030 *1617020 *
5′ a g t a t a a g t c a a a t g a a t g a a t t g a c c g a t g c c a c g t t t t g c t a a a t c g g t t c a a g t t t t g t t c a a t g c g a t g c a a g g c t a 3′
fMet - asn - glu - leu - thr - asp - ala - thr - phe - cys -
- val - -fMet - asn - -fMet - pro - arg - phe - ala - lys - ser - val - gln - val - leu - phe - asn - ala - met - gln - gly -
-fMet - leu - asn - arg - phe - lys - phe - cys - ser - met - arg - cys - lys - ala - ser -
...a sd ir marC_marR-
[###> orf 11 codons
p10 3.0 bits
[### ... orf
... ----------} sd-(15)-ir 1617080 Gap 6.0 bits
p35 5.2 bits
... ----------| sd-ir 1617080 marC_marR- total 6.2 bits
{----------} p35-(23)-p10 1617030 Gap 1.4 bits
sd ir marC_marR-
{----------} sd-(10)-ir 1617064 Gap 2.7 bits
|----------| sd-ir 1617064 marC_marR- total 5.3 bits
|----------| p35-p10 1617030 total 6.8 bits
*1617010 *1617000 *1616990 *1616980 *1616970 *1616960 *1616950 *1616940 *
5′ g c t a a a g a g t g a c a c t t t a t c c c t t g t t t a c c c c t t a t a c t t t t c g c t g a t a a c c c a g a t a c a c a g g a t a a c a a c c a c c a a t 3′
-fMet - phe - thr - pro - tyr - thr - phe - arg - -fMet -
-fMet - thr - leu - tyr - pro - cys - leu - pro - leu - ile - leu - phe - ala - asp - asn - pro - asp - thr - gln - asp - asn - asn - his - gln - cys -
... orf 18 codons
p35 3.7 bits
sd [--- ... NC_000913.marC
p10 1.8 bits
... ir
{----------} sd-(14)-ir 1616932 Gap 4.
|----------| sd-ir 1616932 marC_marR-
{----------} p35-(23)-p10 1616948 Gap 1.4 bits
|----------| p35-p10 1616948 total 4.1 bits
*1616930 *1616920 *
5′ g t t a g a t t t g t t t a a a g c 3′
- leu - asp - leu - phe - lys -
... ---------- ... NC_000913.marC
... ir marC_marR-