

Figure S1

A. RSP2654

NheI

catatgaccgttaatcatattagcgaaccggcaggtctgcagcagcgtgcagcagcaatgaaa
M T V N H I S E P A G L Q Q R A A A M K
gcagaaatcttctgcctgaagattatcgtccggcagaaaatgaaccgtttatgaatgaa
A E I F L P E D Y R P A E N E P F M N E
cgccagctggaatattctcgtcgtaaactgctgaactggaacaagaactgctggatcag
R Q L E Y F R R K L L N W K Q E L L D Q
agcgcagaaaccattgaaggctcgaagaagcggctcgtaatgttccggatattgcagat
S A E T I E G L Q E S G R N V P D I A D
cgtgcaagcgaagaaccgatcgtgcactggaactgcgtaccctgatcgtcagcgtaaa
R A S E E T D R A L E L R T R D R Q R K
ctggttgcaaaaattgatgcagcactgcgtcgtattgaagccggatgaatattggttattgt
L V A K I D A A L R R I E A G E Y G Y C
gaagttaccggatgaaccgattagcctgaaacgtctggatgcacgtccgattgcaaccatg
E V T G E P I S L K R L D A R P I A T M
accctggaagcacaagaacgtcatgaacgtcgtgaacgtgttcatcgtgatgaattaagctt
T L E A Q E R H E R R E R V H R D E - HindIII

B. RSP0166

NheI

catatgattgatattccgcgtcgtaaagcacagctggaagcacgtctggcagatctgggtgca
M I D I P R R K A Q L E A R L A D L G A
cgtctggaaggtattgaagcagaactggatagccataatagccgtgattgggaagaactg
R L E G I E A E L D S H N S R D W E E L
gcaaccgaacgtgaaaccgaagaggttctggaaagcatgggcaccagcggtcagcaggaa
A T E R E T E E V L E S M G T S G Q Q E
attcgcgcaattaccgcagcactggcagctattgatgcagatgaatattggtttttgcggt
I R A I T A A L A R I D A D E Y G F C V
aatgcccgtgcccgaattgggtgaagcccgtctggatggttctgccgtataccccgttttgt
K C G A E I G E A R L D V L P Y T P F C
cgtaaattgtgcaggttgaagctt
R K C A G - HindIII