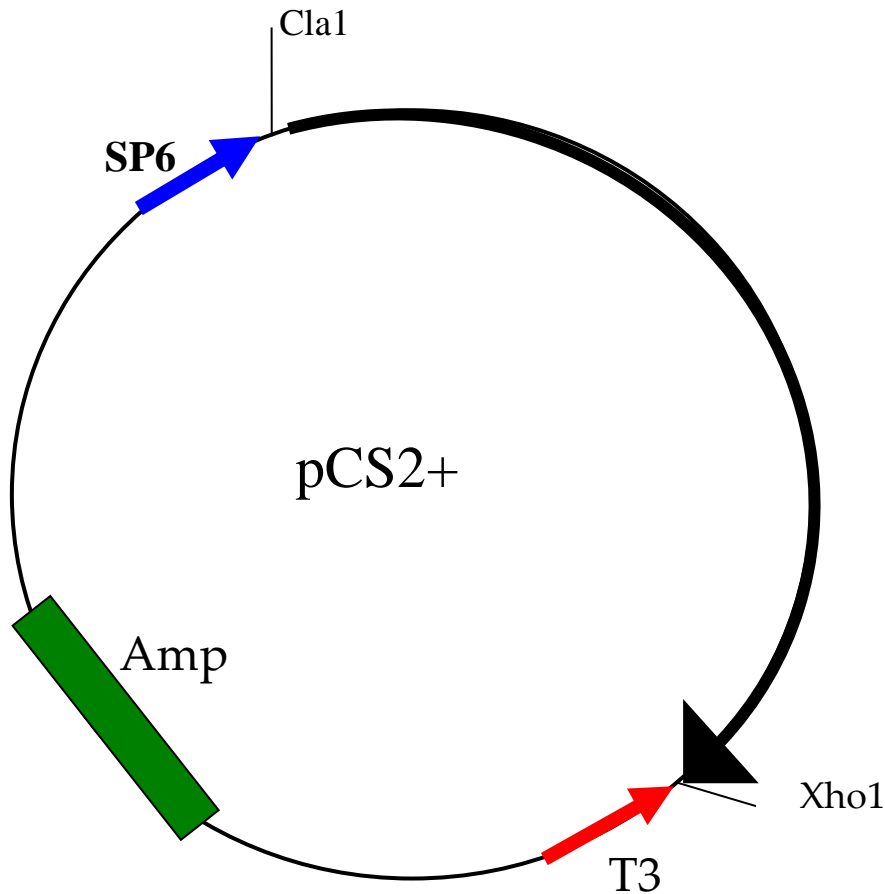


Gene – pCS2+Wbp2nl Y55F  
Vector- pCS2+  
Purpose- mRNA expression



Vector size: 4.1 Kb  
Insert size- about 948bp  
Selection antibiotic: AMP  
Cloning Sites: Cla1/Xho1  
Tag-None

Constructed by: Alex Marchak  
Date: 9/2014  
GenBank Accession Number: BC082812.1

Reference:

ANTISENSE:	Restriction enzyme: Cla1	Polymerase: T3
SENSE:	Restriction enzyme: Not1	Polymerase: SP6

COMMENTS: -66 5' UTR, full ORF and no 3' UTR. Morpholino sensitive. Contains an A to T mutation at base 164 of ORF that changes amino acid 55 from a tyrosine to a phenylalanine. This mutation occurs in a predicted beta strand, in an ITSM-like motif and the tyrosine maybe phosphorylated by kinases.