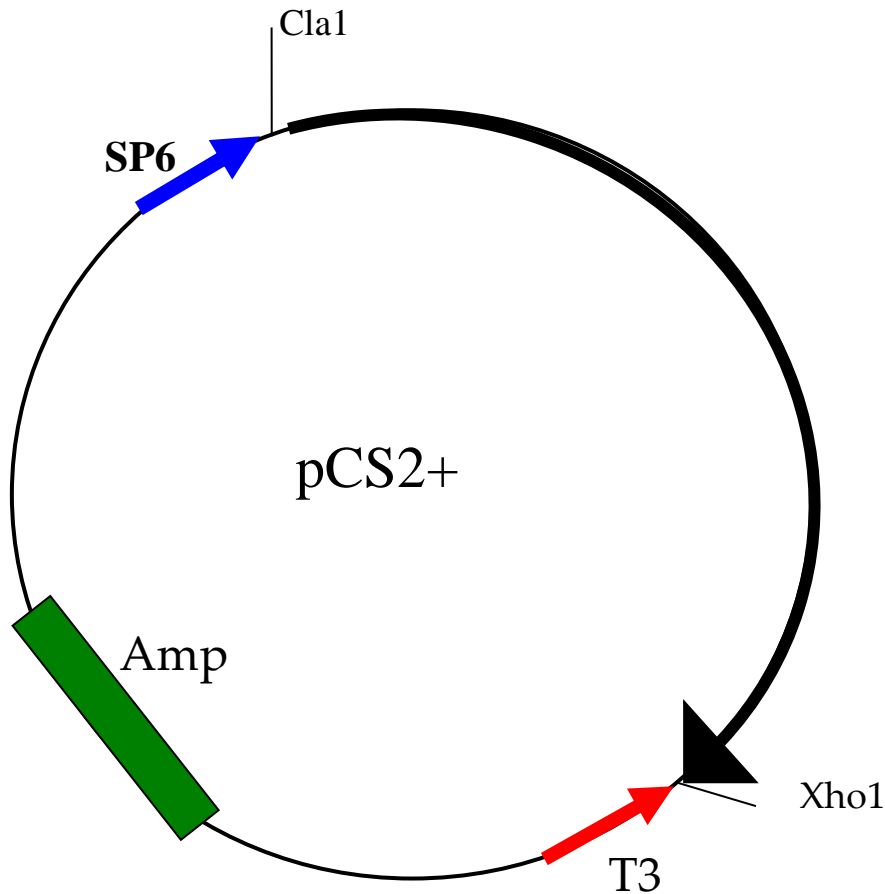


Gene – pCS2+Wbp2nl Y282F

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 845 of ORF that changes amino acid 282 from a tyrosine to a phenylalanine.

This mutation occurs in a predicted WW I motif and SH3 binding domain (PPPY). The tyrosine may be phosphorylated by kinases.