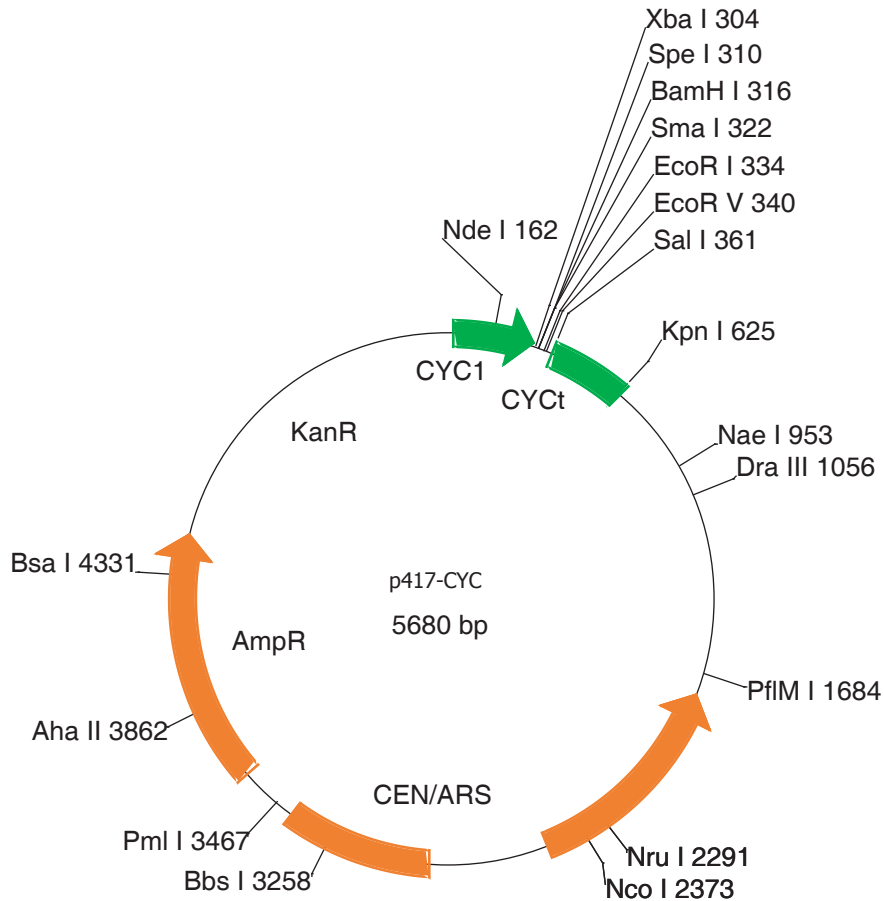


Vector Information Sheet ☐ ☐ p417-CYC

The plasmid p417-CYC is a yeast - E. coli shuttle vector that is used to express cDNAs from the weak CYC1 minimal promoter.



Multiple cloning site

Xba I Spe I BamH I Sma I EcoR I EcoR V Hind III Sal I Xho I
 tctagaactagtgatccccgggctgcaggaattcgatatcaagcttatcgataccgtcgacctcgag

Vector features

- CYC1☐ CYC1 minimal promoter (nt 9-305)
 CYCt☐ *S. cerevisiae* CYC1 terminator (nt 368-630)
 KAN☐ Kanamycine resistance gene (aminoglycoside phosphotransferase), allows selection in yeast using 200 µg/ml G418
 ☐ (nt 2500-1770)
 CEN/ARS Origin of replication. Allows propagation of plasmids in yeast at low copy numbers (1-2 copies/cell, nt 2900-3411)
 AmpR☐ Ampicillin resistance gene (nt 3618-4476)

The complete sequence of p417-CYC can be downloaded from <http://www.dualsystems.com> or can be obtained by sending a request to support@dualsystems.com.