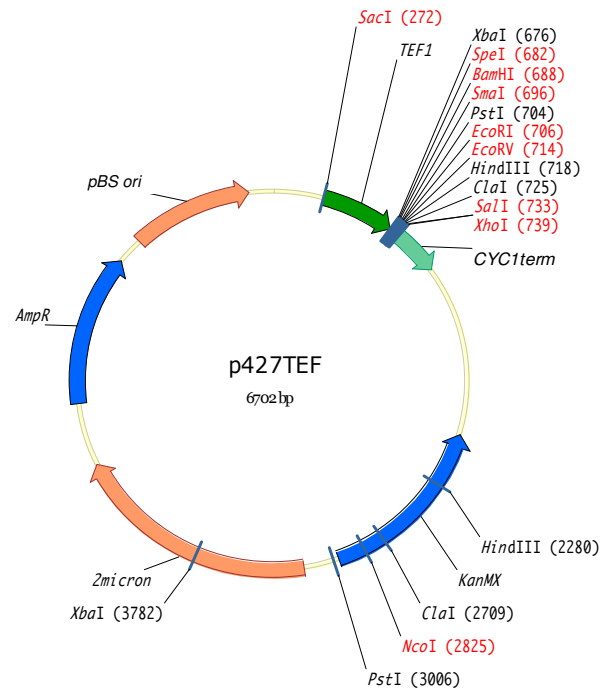


**p427TEF Yeast expression vector****P03301**

Spe I      Sma I      EcoR V      Xho I  
 -----  
 Xba I      Bam HI      EcoR I      Sal I  
 -----  
 tctagaactagtggatccccgggctgcaggaattcgatatcaagcttatcgataccgctcgacctcgag

**Vector features**

Position	Feature	Position	Feature
Start: 272 End: 675	TEF1 promoter	Start: 3173 End: 4540	2micron origin of replication, allows propagation of plasmid in yeast at high copy numbers (20-100 copies/cell)
Start: 675 End: 743	Multiple cloning site	Start: 4896 End: 5756	AmpR, ampicillin resistance gene, allows selection in <i>E. coli</i> (50-100 µg/ml ampicillin)
Start: 739 End: 1000	CYC1 terminator	Start: 5904 End: 6571	pBS, pBluescript origin of replication, allows propagation of plasmid in <i>E. coli</i> at high copy numbers
Start: 1973 End: 2976 (Complementary)	Kanamycine resistance gene, allows selection in <i>E. coli</i> (30 µg/ml kanamycine) and <i>S. cerevisiae</i> (200 µg/ml G418)		