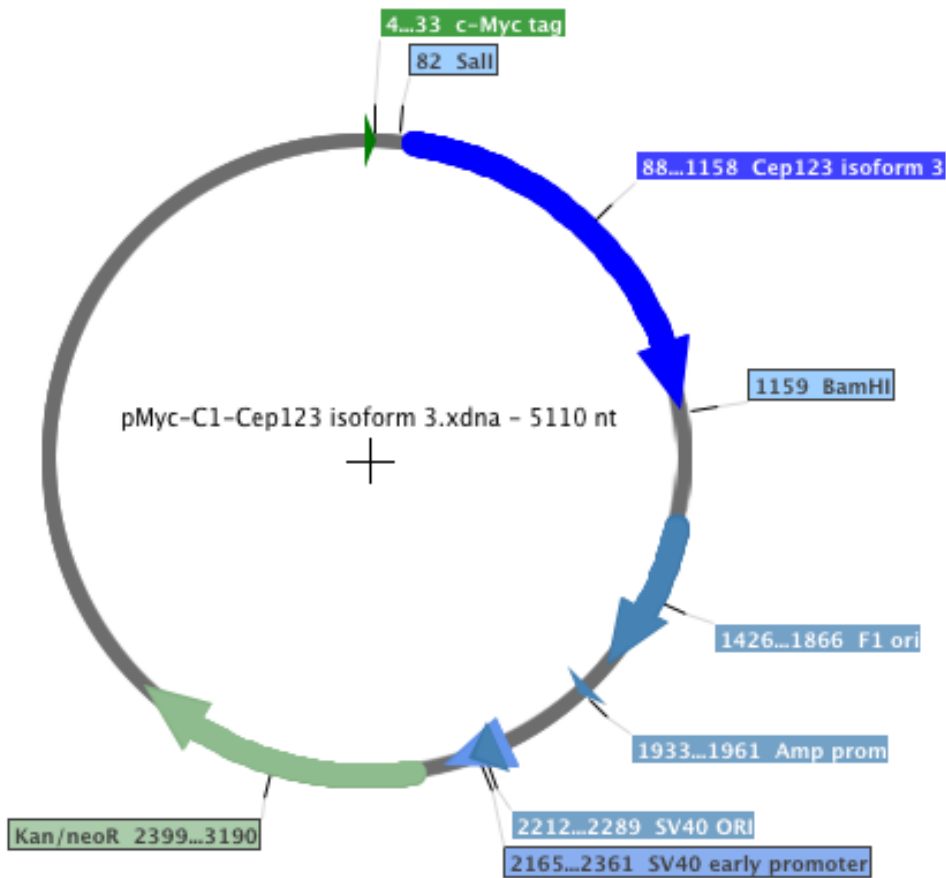


pMyc-C1-Cep123 (isoform 3)

Plasmid Details	
Species	<i>Homo sapiens</i>
Gene	Cep123 (Cep89/CCDC123) isoform 3
Genbank Accession Number	NM_032816
Insert Length	1071 bp
Insert Cloning Sites 5'-3'	<i>Sal I</i> --- <i>BamH I</i>
Vector Backbone	pMyc-C1 (modified Clontech)
Antibiotic Resistance	Kanamycin/neomycin
Vector Cloning Sites 5'-3'	<i>Sal I</i> --- <i>BamH I</i>
Cloning Sites Destroyed	No
Safety risks	Level 2



Cloning procedure

Isoform 3 of Cep123 was amplified from the cDNA clone IRAKp961G0764Q (Source BioScience Lifescience) using primers that introduced a *Sal I* and a *BamH I* site at the 5' and 3' ends of the PCR product. After digestion, the PCR product was cloned into the *Sal I* and *BamH I* sites of pMyc-C1.

Vector sequence

Sequence Details	
Myc tag	Green
Cep123 (Cep89/CCDC123) isoform 3	Blue
Restriction sites	Yellow

ATCGAACAAAACTTATTTCTGAAGAAGATCTGCTGTACAAGTCCGGACTCAGATCTCGAGCTCAAGCTTCGAATTTCTGC
AGTCGACATGCTCCTGGGATTTTCGGAGAGCCGCGAGGAGTCATTTCAAACACATCATCCATGGCCTTTTACCTGCAGCCA
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