

<u>Vector Name</u>	<u>Application</u>	<u>Resistance</u>	<u>Reporter Gene</u>	<u>Tag</u>
pUC57-Amp	gene cloning	Ampicillin	NO	NO
pUC57-Kan	gene cloning	Kanamycin	NO	NO
pUC19	gene cloning	Ampicillin	NO	NO
pMD18-T	gene cloning	Ampicillin	NO	NO
pBR322	gene cloning	Ampicillin	NO	NO
pSynoYac0-Cm	>10kb long gene cloning/single copy/BAC/YAC	Chloramphenicol	NO	NO
pET-9a(+)	Bacterial protein expression	Kanamycin	NO	T7 tag
pET-15b(+)	Bacterial protein expression	Ampicillin	NO	6x His
pET-19b(+)	Bacterial protein expression	Ampicillin	NO	10x His
pET-20b(+)	Bacterial protein expression	Ampicillin	NO	6x His
pET-21a(+)	Bacterial protein expression	Ampicillin	NO	T7 tag/6x His
pET-21b(+)	Bacterial protein expression	Ampicillin	NO	T7 tag/6x His
pET-22b(+)	Bacterial protein expression	Ampicillin	NO	6x His
pET-23b(+)	Bacterial protein expression	Ampicillin	NO	T7 tag/6x His
pET-24a(+)	Bacterial protein expression	Kanamycin	NO	T7 tag/6x His
pET-26b(+)	Bacterial protein expression	Kanamycin	NO	6x His
pET-28a(+)	Bacterial protein expression	Kanamycin	NO	T7 tag/6x His
pET-28b(+)	Bacterial protein expression	Kanamycin	NO	T7 tag/6x His
pET-29a(+)	Bacterial protein expression	Kanamycin	NO	S-tag/6x His
pET-30a(+)	Bacterial protein expression	Kanamycin	NO	S-tag/6x His

pET-3a(+)	Bacterial protein expression	Ampicillin	NO	T7 tag
pET-30b(+)	Bacterial protein expression	Kanamycin	NO	6x His/S-tag
pET-32a(+)	Bacterial protein expression	Ampicillin	NO	TrxA/6x His/S-tag
pET-40b(+)	Bacterial protein expression	Kanamycin	NO	DsbC/6x His/S-tag
pET-41a(+)	Bacterial protein expression	Kanamycin	NO	GST/6x His/S-tag
pET-45b(+)	Bacterial protein expression	Ampicillin	NO	6x His/S-tag
pETDuet-1	Bacterial protein expression	Ampicillin	NO	6x His/S-tag
pET30a-GST	Bacterial protein expression	Kanamycin	NO	GST/6x His
pACYCDuet-1	Bacterial protein expression	Chloramphenicol	NO	8x His/S-tag
pColdII	Bacterial protein expression	Ampicillin	NO	6x His
pMAL-c5x	Bacterial protein expression	Ampicillin	NO	MBP
pCDFDuet-1	Bacterial protein expression	Streptomycin	NO	6x His/S-tag
pRSFduet-1	Bacterial protein expression	Kanamycin	NO	6x His/S-tag
pGEX-4T-2	Bacterial protein expression	Ampicillin	NO	GST
pGEX-6p-1	Bacterial protein expression	Ampicillin	NO	GST
pGEX-6p-2	Bacterial protein expression	Ampicillin	NO	GST
pSB1C3	Bacterial protein expression	Chloramphenicol	NO	NO
pcDNA3.4	mammalian cell protein expression	Ampicillin	NO	NO
pTT5	mammalian cell protein expression	Ampicillin	NO	NO
pEGFP-C1	mammalian cell protein expression	Kanamycin	EGFP	NO

pEGFP-N1	mammalian cell protein expression	Kanamycin	EGFP	NO
pEGFP-N3	mammalian cell protein expression	Kanamycin	EGFP	NO
pcDNA 3.1-Hygro(+)	mammalian cell protein expression	Ampicillin	NO	NO
pcDNA3.1(-)	mammalian cell protein expression	Ampicillin	NO	NO
pcDNA3.1(+)	mammalian cell protein expression	Ampicillin	NO	NO
pcDNA3.1(+)-Myc-His A	mammalian cell protein expression	Ampicillin	NO	NO
pcDNA3.1-EGFP	mammalian cell protein expression	Ampicillin	EGFP	NO
pCMV-myc	mammalian cell protein expression	Ampicillin	NO	NO
pCAGGS	mammalian cell protein expression	Ampicillin	NO	NO
pIRES2-EGFP	mammalian cell protein expression	Kanamycin	EGFP	NO
pIRES2-ZsGREEN1	mammalian cell protein expression	Kanamycin	ZsGREEN1	NO
More Mammalian Expression Vectors				
pLVX-IRES-Hyg	lentivirus protein expression	Ampicillin	NO	NO
pLVX-rGFAP-EGFP-F2A-CMS	lentivirus protein expression	Ampicillin	EGFP	NO
pCDH-CMV-MCS-EF1-copGFP	lentivirus protein expression	Ampicillin	copGFP	NO
pCDH-CMV-MCS-EF1-Puro	lentivirus protein expression	Ampicillin	NO	NO
lentiCRISPR v2	lentivirus mammalian CRISPR-Cas9	Ampicillin	NO	NO

pGL3-basic	promoter test in mammalian cell	Ampicillin	Luciferase	NO
pGL3-promoter	promoter test in mammalian cell	Ampicillin	Luciferase	NO
pGL4.10	promoter test in mammalian cell	Ampicillin	Luciferase	NO
pGL4.26	promoter test in mammalian cell	Ampicillin	Luciferase	NO
pmirGLO Dual-Luciferase	microRNA validation in mammalian cell	Ampicillin	Luciferase	NO
psiCheck-2	microRNA validation in mammalian cell	Ampicillin	Luciferase	NO
PFastBac Dual	insect protein expression	Ampicillin	NO	NO
pFastBacHTA	insect protein expression	Ampicillin	NO	6x His
pFastBacHTB	insect protein expression	Ampicillin	NO	6x His
pFastbac-HTA-C-Flag	insect protein expression	Ampicillin	NO	6x His
pFastBacI	insect protein expression	Ampicillin	NO	NO
pPIC9K	yeast protein expression	Ampicillin	NO	NO
pPICZαA	yeast protein expression	Zeocin	NO	NO
pGAPZαA	yeast protein expression	Zeocin	NO	NO
pYES2	yeast protein expression	Ampicillin	NO	NO
pYD5	yeast display	Ampicillin	NO	NO