

Vector List

Standard Cloning Vector

Vector Name	Resistance	Promoter
pUC57	AmpR	NA
pUC57-Kan	KanR	NA
pUC57-BsaI-Free	AmpR	NA
pUC19	AmpR	NA
pUC18	AmpR	NA
pUC57-1.8K	AmpR	NA

Baculovirus/ Insect Expression Vectors

Vector Name	Resistance	Promoter
pFastBac1	AmpR/GmR	polyhedrin

pFastBac-Dual	AmpR/GmR	p10 & polyhedrin
---------------	----------	------------------

Mammalian Expression Vectors

Vector Name	Resistance	Promoter	Special Instructions
pcDNA3.1(+)	NeoR/KanR/AmpR	CMV /T7	
pcDNA3.1(-)	NeoR/KanR/AmpR	CMV /T7	
pcDNA3.1(+) myc-His A	NeoR/KanR/AmpR	CMV /T7	C- Myc tag and 6xHis tag
pcDNA3.1(+)myc-His B	NeoR/KanR/AmpR	CMV /T7	C- Myc tag and 6xHis tag
pcDNA3.1(+)myc-His C	NeoR/KanR/AmpR	CMV /T7	C- Myc tag and 6xHis tag
pcDNA3.1 myc-His(-) A	NeoR/KanR/AmpR	CMV /T7	C- Myc tag and 6xHis tag
pcDNA3.1 myc-His(-) C	NeoR/KanR/AmpR	CMV /T7	C- Myc tag and 6xHis tag
pcDNA3.1(+)-EGFP	NeoR/KanR/AmpR	CMV /T7	C- EGFP tag
pcDNA3. 1/Hygro(+)	HygR/AmpR	CMV /T7	

pcDNA3. 1/Hygro(-)	HygR/AmpR	CMV /T7	
pcDNA3. 1/Zeo (+)	BleoR/AmpR	CMV /T7	
pcDNA3. 1/Zeo (-)	BleoR/AmpR	CMV /T7	
pEGFP-C1	NeoR/KanR	CMV	N-EGFP tag
pGL3-basic	AmpR	NA	C-luciferase tag
pGL3-Promoter	AmpR	SV40	C-luciferase tag

Yeast Expression Vectors

Vector Name	Resistance	Promoter	Special Instructions
pPIC 3.5k	AmpR	AOX1	
pPIC9	AmpR	AOX1	N- α -factor secretion signal
pPIC9K	AmpR/KanR	AOX1	N- α -factor secretion signal
pPICZA	Zeocin	AOX1	C- Myc and 6*His

pPICZB	Zeocin	AOX1	C- Myc and 6*His
pPICZC	Zeocin	AOX1	C- Myc and 6*His
pPICZαA	Zeocin	AOX1	N- α-factor secretion signal C- Myc and 6*His
pPICZαB	Zeocin	AOX1	N- α-factor secretion signal C- Myc and 6*His
pPICZαC	Zeocin	AOX1	N- α-factor secretion signal C- Myc and 6*His

Bacterial Expression Vectors

Vector Name	Resistance	Promoter	Tags(N-Terminal)	Tags(C-Terminal)	Protease Cleavage Sites
pET-3a	AmpR	T7	N- T7.Tag		
pET-3d	AmpR	T7	N- T7.Tag		
pET-11b	AmpR	T7	N- T7.Tag		
pET-11d	AmpR	T7	N- T7.Tag		
pET-15b	AmpR	T7	N- His.Tag		Thrombin site

pET-16b	AmpR	T7	N- His.Tag		Factor Xa site
pET-17b	AmpR	T7	N- T7.Tag		
pET-19b	AmpR	T7	N- His.Tag		Enterokinase site
pET-20b(+)	AmpR	T7	N- His.Tag	C- Pelb signal	
pET-21a(+)	AmpR	T7	N- T7.Tag	C- His.Tag	
pET-21b(+)	AmpR	T7	N- T7.Tag	C- His.Tag	
pET-21d(+)	AmpR	T7	N- T7.Tag	C- His.Tag	
pET-22b(+)	AmpR	T7	N- Pelb signal	C- His.Tag	
pET-23a(+)	AmpR	T7	N- T7.Tag	C- His.Tag	
pET-24a(+)	KanR	T7	N- T7.Tag	C- His.Tag	
pET-24b(+)	KanR	T7	N- T7.Tag	C- His.Tag	
pET-24c(+)	KanR	T7	N- T7.Tag	C- His.Tag	

pET-24d(+)	KanR	T7	N- T7.Tag	C- His.Tag	
pET-25b(+)	AmpR	T7	N- Pelb signal	C- Hsv.Tag and His.Tag	
pET-26b(+)	KanR	T7	N- Pelb signal	C- His.Tag	
pET-28b(+)	KanR	T7	N- His.Tag and T7.Tag	C- His.Tag	Thrombin site
pET-29a(+)	KanR	T7	N- S.Tag	C- His.Tag	Thrombin site
pET-29b(+)	KanR	T7	N- S.Tag	C- His.Tag	Thrombin site
pET-30a(+)	KanR	T7	N- His.Tag and S.Tag	C- His.Tag	Thrombin site and Enterokinase site
pET-30b(+)	KanR	T7	N- His.Tag and S.Tag	C- His.Tag	Thrombin site and Enterokinase site
pET-31b(+)	AmpR	T7	N- KSI and His.Tag	C- His.Tag	
pET-32a(+)	AmpR	T7	N- TrxA and His.Tag and S.Tag	C- His.Tag	Thrombin site and Enterokinase site
pET-32b(+)	AmpR	T7	N- TrxA and His.Tag and S.Tag	C- His.Tag	Thrombin site and Enterokinase site
pET-41a(+)	KanR	T7	N- GST.Tag and His.Tag and S.Tag	C- 8*His.Tag	Thrombin site and Enterokinase site

pET-41b(+)	KanR	T7	N- GST.Tag and His.Tag and S.Tag	C- 8*His.Tag	Thrombin site and Enterokinase site
pET-42b(+)	KanR	T7	N- GST.Tag and His.Tag and S.Tag	C- 8*His.Tag	Thrombin site and Factor Xa site
pET-43.1a(+)	AmpR	T7	N- NusA and His.Tag and S.Tag	C- Hsv.Tag and His.Tag	Thrombin site
pET-45b(+)	AmpR	T7	N- His.Tag	C- S.Tag	Enterokinase site
pET-51b(+)	AmpR	T7	N- Strep-Tag II	C- 10*His.Tag	HRV 3C site
pET-52b(+)	AmpR	T7	N- Strep-Tag II	C- 10*His.Tag	HRV 3C site
pGEX-4T-1	AmpR	tac	N- GST.Tag		Thrombin site
pGEX-4T-2	AmpR	tac	N- GST.Tag		Thrombin site
pGEX-5X-1	AmpR	tac	N- GST.Tag		Factor Xa site
pCDFDuet-1	SmR	T7		C- S.Tag	
pMAL-c4x	AmpR	tac	N- MBP		Factor Xa site
pMAL-c5E	AmpR	tac	N- MBP		Enterokinase site

pMAL-c5x	AmpR	tac	N- MBP		Factor Xa site
pMAL-p5E	AmpR	tac	N- MBP		Enterokinase site
pMAL-p5x	AmpR	tac	N- MBP		Factor Xa site
pQE-30	AmpR	T5	N- His.Tag		
pQE-60	AmpR	T5	N- His.Tag		
pGS-21a	AmpR	T7	N-His.Tag and GST.Tag		Enterokinase site