
All PSI Vectors

ATCG3D

name	description	selection marker
pJ5	Bacterial (E. coli) expression vector; kanamycin resistance; restriction enzyme cloning.	kanamycin

BSGC

name	description	selection marker
pDB.GST	Bacterial expression vector that adds GST and TEV protease site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pDB.HBP	Bacterial expression vector that adds HBP and TEV protease site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pDB.His.MBP	Bacterial expression vector that adds 6xHis tag, MBP, TEV protease site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pDB.His.NusA	Bacterial expression vector that adds N-terminal 6xHis tag, NusA, Tev protease site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pDB.His.TRX	Bacterial expression vector that adds N-terminal 6xHis tag, thioredoxin and TEV protease sites; kanamycin resistance; restriction enzyme cloning.	kanamycin
pDB.MBP	Bacterial expression vector that adds MBP, TEV protease site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pDB.TRX	Bacterial expression vector that adds thioredoxin and TEV protease sites; kanamycin resistance; restriction enzyme cloning.	kanamycin
pDB-HisGST	Bacterial expression vector that adds N-terminal His6 tag, GST, TEV protease site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pHGST	Vector that adds GST; kanamycin resistance; restriction enzyme cloning.	kanamycin
pHM6g	Vector that adds N-terminal 6xHis tag, MBP, Tev protease site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pHTRX	Vector that adds thioredoxin site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pIVEX	Expression vector; amp resistance; restriction enzyme cloning.	ampicillin
pLIC.HM6g	Bacterial expression vector, adds N-terminal 6xHis tag, MBP, Tev protease site; amp resistance; ligation independent cloning SmaI (LIC-SmaI).	ampicillin

pLICB.E	Bacterial expression vector, adds N-terminal tag; amp resistance; ligation independent cloning (LIC).	ampicillin
pLICB.H	Bacterial expression vector that adds N-terminal 6xHis tag; amp resistance; ligation independent cloning SmaI (LIC-SmaI).	ampicillin
pLICB.HG	Bacterial expression vector, adds N-terminal tag, TEV site; amp resistance; ligation independent cloning (LIC).	ampicillin
pLICB.HM	Bacterial expression vector that adds N-terminal 6xHis tag, MBP, TEV protease site; amp resistance; ligation independent cloning SmaI (LIC-SmaI).	ampicillin
pLICB.HN	Bacterial expression vector, adds N-terminal tag, TEV site; amp resistance; ligation independent cloning (LIC).	ampicillin
pLICB.HV	Bacterial expression vector that adds N-terminal 6xHis tag, TEV protease site; amp resistance; ligation independent cloning SmaI (LIC-SmaI).	ampicillin
pLICE	Bacterial expression vector with no tag; amp resistance; ligation independent cloning (LIC).	ampicillin
pLICH	Bacterial expression vector, adds N-terminal tag; amp resistance; ligation independent cloning (LIC).	ampicillin
pLICHGV	Bacterial expression vector, adds N-terminal tag; amp resistance; ligation independent cloning (LIC).	ampicillin
pLICHMV	Bacterial expression vector, adds N-terminal tag; amp resistance; ligation independent cloning (LIC).	ampicillin
pLICHV	Bacterial expression vector, adds N-terminal tag; amp resistance; ligation independent cloning (LIC).	ampicillin
pLR1	Bacterial expression vector that adds N-terminal and C-terminal tags; amp resistance; recombinational cloning (Gateway lambda att-type cloning).	ampicillin
pM3a	NA	ampicillin
pM5A	NA	ampicillin
pMH	NA	ampicillin
pMMHa	NA	ampicillin
pSJSB2	Expression vector with T7 promoter; spectinomycin resistance; restriction enzyme cloning.	spectinomycin
pSKB3	Putative expression vector; putative amp resistance; unknown cloning.	ampicillin
pSUMO	Expression vector with T7 promoter, SUMO fragment; kanamycin resistance; restriction enzyme cloning.	kanamycin

CESG

name	description	selection marker
pEU-GST	Cell-free expression vector, adds N-terminal GST tag and 3CP cleavage site; amp resistance; restriction enzyme cloning.	ampicillin

pEU-GST-FV	Cell-free expression vector, adds N-terminal GST tag and 3CP cleavage site; amp resistance; restriction enzyme cloning (SgfI, PmeI).	ampicillin
pEU-His	Cell-free expression vector, adds N-terminal 6xHis tag; amp resistance; restriction enzyme cloning.	ampicillin
pEU-His-FV	Cell-free expression vector, adds N-terminal 6xHis tag; amp resistance; restriction enzyme cloning (SgfI, PmeI).	ampicillin
pVP13	Bacterial (E. coli) expression, adds N-terminal S-tag, 6xHis and MBP, adds TEV site on 5p end of insert; amp resistance; recombinational cloning.	ampicillin
pVP16	Bacterial (E. coli) expression, adds N-terminal 8xHis and MBP, adds TEV site on 5p end of insert; amp resistance; recombinational cloning.	ampicillin
pVP33A	Bacterial (E. coli) expression, adds N-terminal 8xHis, MBP, 3CP cleavage, tetra-cys, Tev cleavage; amp resistance; restriction enzyme cloning (SgfI, PmeI).	ampicillin
pVP33K	Bacterial (E. coli) expression, adds N-terminal 6xHis tag, MBP, 3CP cleavage, tetra-cys, Tev cleavage; kanamycin resistance; restriction enzyme cloning (SgfI, PmeI).	kanamycin
pVP56A	Bacterial (E. coli) expression, adds N-terminal 8xHis, MBP, 3CP cleavage, Tev cleavage; amp resistance; restriction enzyme cloning (SgfI, PmeI).	ampicillin
pVP56K	Bacterial (E. coli) expression, adds N-terminal 8xHis, MBP, 3CP cleavage, Tev cleavage; kanamycin resistance; restriction enzyme cloning (SgfI, PmeI).	kanamycin

CHTSB

name	description	selection marker
BG1805	Yeast expression vector with GalI promoter, adds C-terminal His6-HA-3C-ZZ tag; amp resistance (URA for yeast); Gateway (lambda att-type) recombinational cloning.	ampicillin
BG2483	Yeast expression vector with GAL1 promoter, adds C-terminal 3C site, HA epitope, His6, ZZ domain; amp resistance (URA3 for yeast); ligation independent cloning (LIC).	ampicillin
BG2522	Yeast expression vector with GAL1 promoter, adds C-terminal 3C site, HA epitope, His6, ZZ domain; amp resistance (LEU2 for yeast); ligation independent cloning (LIC).	ampicillin
pSGP36	Yeast expression vector with GalI promoter, adds C-terminal 3C-his10 tag; amp resistance (URA for yeast); ligation independent cloning (LIC).	ampicillin
pSGP40	Yeast expression vector with GalI promoter, adds C-terminal 3C-ZZ-His10 tag; amp resistance (URA for yeast); ligation independent cloning (LIC).	ampicillin

CSMP

name	description	selection marker
pcDNA3.1plus-hygro	Mammalian expression vector; amp resistance (hygromycin for mammalian cells); restriction enzyme cloning.	ampicillin

pCDNA5-FRT	Mammalian expression vector with FRT site for stable integration into cells; amp resistance (hygromycin for mammalian cells); restriction enzyme cloning.	ampicillin
pEGFP-C1	Mammalian expression vector, adds C-terminal GFP tag; kanamycin resistance (neomycin for mammalian cells); restriction enzyme cloning.	kanamycin
pGEM-T-Easy	Cloning vector; amp resistance; T-overhang cloning.	ampicillin
pOX	Amphibian expression (e.g. Xenopus oocyte expression) and cloning vector with LacZ capabilities; amp resistance; restriction enzyme cloning.	ampicillin
pSPORT1	Cloning vector; amp resistance; restriction enzyme cloning.	ampicillin

ICSF1

name	description	selection marker
pET28b-C-His	Expression vector with T7 promoter, adds C-terminal His tag; kanamycin resistance; restriction enzyme cloning.	kanamycin
pET28-N-His-SUMO	Expression vector with T7 promoter, adds N-terminal His tag, SUMO tag; kanamycin resistance; restriction enzyme cloning.	kanamycin
pET28-N-His-thromb	Expression vector with T7 promoter, adds N-terminal His tag, thrombin site; kanamycin resistance; restriction enzyme cloning.	kanamycin
pET28-N-His-thromb-C-strep	Expression vector with T7 promoter, adds N-terminal His tag, thrombin site, C-terminal strep tag; kanamycin resistance; restriction enzyme cloning.	kanamycin
pIVEX-His-MBP-TEV	Expression vector with T7 promoter, adds N-terminal His tag, MBP, TEV cleavage site; amp resistance; restriction enzyme cloning.	ampicillin
pTYB12-Intein	Expression vector with T7 promoter, adds cleavable N-terminal intein tag; amp resistance; restriction enzyme digest.	ampicillin

JCSG

name	description	selection marker
pMH1	Bacterial (E. coli) expression vector, arabinose inducible expression, adds N-terminal tag; amp resistance; restriction enzyme (Pml I/Psi I) or PIPE cloning.	ampicillin
pMH1F	Expression vector with araBAD promoters, adds N-terminal 6xThio and 6xHis tags, amp resistance; restriction enzyme cloning.	ampicillin
pMH1TEV	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHENLYFQG tag; amp resistance; PIPE cloning.	ampicillin
pMH2T7	Bacterial (E. coli) expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHH tag; amp resistance; restriction enzyme (Pml I/Pac I) or PIPE cloning.	ampicillin

pMH2T7TEV	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHENLYFQG tag; amp resistance; PIPE cloning.	ampicillin
pMH4	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHH tag; amp resistance; restriction enzyme (Pml I/Pac I) or PIPE cloning.	ampicillin
pMH4TEV	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHENLYFQG tag; amp resistance; PIPE cloning.	ampicillin
pSpeedE	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHH tag; kanamycin resistance; PIPE cloning.	kanamycin
pSpeedEDT	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHHDYDIPTTENLYFQG tag; kanamycin resistance; PIPE cloning.	kanamycin
pSpeedEGST	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal GST and HSHHHHENLYFQG tag; kanamycin resistance; PIPE cloning.	kanamycin
pSpeedET	Bacterial expression vector, arabinose or T7 induced expression, adds N-terminal MGSDKIHSHHHHENLYFQG tag; kanamycin resistance; PIPE cloning.	kanamycin

MCSG

name	description	selection marker
p11	Bacterial (E. coli) expression vector, adds His tag, TEV cleavage site; amp resistance; restriction enzyme cloning.	ampicillin
p15Tv-LIC	Bacterial (E. coli) expression vector, adds His tag, TEV cleavage site; amp resistance; recombinational cloning (InFusion, BseRI).	ampicillin
p283	Bacterial (E. coli) expression vector, adds His tag, C-terminal TEV cleavage site fusion; amp resistance; restriction enzyme cloning.	ampicillin
pCAT	Bacterial (E. coli) expression vector, adds HIS then FLAG tag, improves solubility of expressed insert; amp and chloramphenicol resistance; restriction enzyme cloning.	amp chlor
pET15b-TEV	Bacterial (E. coli) expression vector, adds His tag, TEV cleavage site; amp resistance; restriction enzyme cloning.	ampicillin
pET21a	Bacterial expression vector with T7lac promoter, adds N-terminal T7 epitope tag and C-terminal His tag; amp resistance; restriction enzyme cloning.	ampicillin
pET23b	Bacterial expression vector with T7 promoter, adds N-terminal T7 tag and C-terminal His tag; amp resistance; restriction enzyme cloning.	ampicillin

pET28a	Bacterial expression vector with T7lac promoter, adds N-terminal His tag, thrombin cleavage site, internal T7 epitope tag, C-terminal His tag; kanamycin resistance; restriction enzyme cloning.	kanamycin
pET28-LIC	Bacterial (E. coli) expression vector, adds His tag, thrombin cleavage site; kanamycin resistance; recombinational cloning (InFusion, BseRI).	kanamycin
pET3	Bacterial expression vector with T7 promoter, adds N-terminal T7 epitope tag; amp resistance; restriction enzyme cloning.	ampicillin
pFASTBAC1	Transfer vector (to E. coli from expression bacmid) with polyhedrin promoter, adds SV40 polyA site; amp resistance (gentamycin for selection in insect cells); restriction enzyme cloning.	ampicillin
pMCentr1	cloning vector to link to Gateway system, with attL1-TEV-LIC site-attL2; zeocin resistance; ligation independent cloning to make pENTR vector for recombinational cloning	zeocin
pMCentr2	cloning vector to link to Gateway system with attL1-TEV-LIC site-attL2; kanamycin resistance; ligation independent cloning to make pENTR vector for recombinational cloning	kanamycin
pMCentr3	destination vector to accept inserts from pENTR clones; attL1-TVMV-LIC site-attL2; kanamycin resistance; ligation independent cloning to Gateway	kanamycin
pMCSG10	Vector with tags for solubility of insert, with T7 promoter, adds N-terminal His tag, GST, TEV, SNA; amp resistance; restriction enzyme cloning.	ampicillin
pMCSG11	Coexpression vector with T7 promoter, adds N-terminal His tag, TEV, SNA; chloramphenicol resistance; ligation independent cloning (LIC).	chlor
pMCSG12	Coexpression vector with T7 promoter, adds N-terminal His tag, Sloop, TEV, SNA; chloramphenicol resistance; ligation independent cloning (LIC).	chlor
pMCSG13	Coexpression vector with T7 promoter, adds N-terminal His tag, MBP, TEV, SNA; chloramphenicol resistance; ligation independent cloning (LIC).	chlor
pMCSG14	Coexpression vector with T7 promoter, adds N-terminal His tag, GST, TEV, SNA; chloramphenicol resistance; ligation independent cloning (LIC).	chlor
pMCSG17	Coexpression vector with T7 promoter, adds N-terminal Stag, TEV, SNA; amp resistance; ligation independent cloning (LIC).	ampicillin
pMCSG18	Screening vector with T7 promoter, adds N-terminal His tag, TEV, LICs, GFP; amp resistance; ligation independent cloning (LIC).	ampicillin
pMCSG19	Vector for solubility of insert and for purification, with T7 promoter, adds N-terminal MBP, TVMV, His, TEV, NA; amp resistance; ligation independent cloning (LIC).	ampicillin
pMCSG19C	Vector for solubility of insert and for purification, with T7 promoter, adds N-terminal MBP, TVMV, His, TEV, NA; amp resistance; ligation independent cloning (LIC).	ampicillin

pMCSG20	Coexpression vector with T7 promoter, adds N-terminal Stag, GST, TEV, SNA; amp resistance; ligation independent cloning (LIC).	ampicillin
pMCSG21	Coexpression vector with T7 promoter, adds N-terminal His, TEV, SNA; spectinomycin resistance; ligation independent cloning (LIC).	spectinomycin
pMCSG22	Coexpression vector with T7 promoter, adds N-terminal His, Sloop, TEV, SNA; spectinomycin resistance; ligation independent cloning (LIC).	spectinomycin
pMCSG23	Coexpression vector with T7 promoter, adds N-terminal His, MBP, TEV, SNA; spectinomycin resistance; ligation independent cloning (LIC).	spectinomycin
pMCSG24	Coexpression vector with T7 promoter, adds N-terminal His, GST, TEV, SNA; spectinomycin resistance; ligation independent cloning (LIC).	spectinomycin
pMCSG7	Bacterial expression vector with T7 promoter, adds N-terminal His tag and TEV protease site; amp resistance; ligation independent cloning (LIC).	ampicillin
pMCSG8	Vector facilitating reduced protein toxicity, with T7 promoter, adds N-terminal His tag, Sloop, TEV, SNA; amp resistance; ligation independent cloning (LIC).	ampicillin
pMCSG9	Vector with tags for solubility of insert, with T7 promoter, adds N-terminal His tag, MBP, TEV, SNA; amp resistance; ligation independent cloning (LIC).	ampicillin

NESG

name	description	selection marker
pET14Cc	Bacterial (E. coli) expression vector with T7 promoter, adds N-terminal His tag; amp resistance; restriction enzyme cloning.	ampicillin
pET15Cc	Bacterial (E. coli) expression vector with T7 lac promoter, adds N-terminal His tag; amp resistance; restriction enzyme cloning.	ampicillin
pET21Cc	Bacterial (E. coli) expression vector with T7 lac promoter, adds C-terminal His tag; amp resistance; restriction enzyme cloning.	ampicillin

NYCOMPS

name	description	selection marker
NYCOMPS-RB-1003	Mammalian expression vector; tetracycline inducible CMV promoter; C terminal Flag epitope and His tag; tags can be removed by TEV protease; expresses EBNA-1 to maintain plasmid as episome; Ampicillin resistance in bacteria and hygromycin resistance in mammalian cells; cloning by restriction enzymes.	ampicillin
NYCOMPS-RB-1004	Mammalian expression vector; tetracycline inducible CMV promoter; N terminal Flag epitope and His tag; tags can be removed by TEV protease; expresses EBNA-1 to maintain plasmid as episome; Ampicillin resistance in bacteria and hygromycin resistance in mammalian cells; cloning by restriction enzymes.	ampicillin

pNYCOMPS1	Bacterial expression vector with T7 promoter, adds C-terminal EGFP and 10xHis tag; kanamycin resistance; restriction enzyme cloning (including rare-cutter cloning into MCS).	kanamycin
pNYCOMPS-LIC-FH10T+ (C term)	Bacterial expression vector; T7 promoter; N terminal 10X His and Flag epitope tags; tags can be removed by TEV protease; kanamycin resistance; ligation independent cloning.	kanamycin
pNYCOMPS-LIC-FH10T+ (N term)	Bacterial expression vector; T7 promoter; C terminal Flag epitope and 10X His tags; tags can be removed by TEV protease; kanamycin resistance; ligation independent cloning.	kanamycin

NYSGXRC

name	description	selection marker
pFASTBAC1-C-His-TOPO	Baculovirus vector, adds C-terminal 6xHis tag and TEV protease site; amp resistance; TOPO cloning.	ampicillin
pNYSGXRC	Bacterial (E. coli) expression vector for directional cloning, similar to BS vector; kanamycin resistance; directional cloning (restriction enzyme cloning).	kanamycin
pSB2	Bacterial (E. coli) expression vector with T7 promoter, adds N-terminal 6xHis tag; kanamycin resistance; TOPO cloning.	kanamycin
pSB3	Bacterial (E. coli) expression vector with T7 promoter, adds C-terminal 6xHis tag; kanamycin resistance; TOPO cloning.	kanamycin
pSGX2	Bacterial (E. coli) expression vector with T7 promoter, adds N-terminal 6xHis tag; kanamycin resistance; TOPO cloning.	kanamycin
pSGX3	Bacterial (E. coli) expression vector with T7 promoter, adds C-terminal 6xHis tag; kanamycin resistance; TOPO cloning.	kanamycin
pSGX4	Bacterial (E. coli) expression vector with T7 promoter, adds N-terminal 6xHis and smt-3 tags, cleavage site; kanamycin resistance; TOPO cloning.	kanamycin
pSGX6	Bacterial (E. coli) expression vector with T7 promoter, adds N-terminal 6xHis and smt tags, cleavage site, also expresses lambda phosphatase; kanamycin resistance; TOPO cloning.	kanamycin
pSGX-TOPO	Baculovirus vector, adds N-terminal 6xHis tag and TEV protease site; kanamycin resistance; TOPO cloning.	kanamycin

SESGC

name	description	selection marker
pET14b	Bacterial (E. coli) expression vector with T7 promoter, adds thrombin cleavage site; amp resistance; restriction enzyme cloning.	ampicillin
pET15g	Bacterial (E. coli) expression vector, adds N-terminal His tag followed by thrombin cleavage site; amp resistance; recombinational cloning.	ampicillin
pTrcHis-TOPOd	Bacterial (E. coli) expression vector with trc promoter, lac operator, adds His tag; amp resistance; TOPO TA cloning.	ampicillin