Cloning and Expression Optimization Group

Available vectors and E. coli expression strains

Plasmid	System	Promoter	N-Tag	C-Tag	Resist	Comments
pDest-1	coli	Trc	-----	-----	Amp	
pDest-2	coli	Trc	His6	-----	Amp	
pDest-3	coli	Trc	GST	-----	Amp	
pDest-4	coli	Trc	Trx	-----	Amp	
pDest-5	coli	lac	-----	-----	Amp	
pDest-6	coli	lac	-----	-----	Amp	
pDest-8	insect	polyhed	-----	-----	Amp/Gen	
pDest-10	insect	polyhed	His6	-----	Amp/Gen	
pDest-13	coli	lambda	-----	-----	Amp	
pDest-14	coli	T7	-----	-----	Amp	
pDest-15	coli	T7	GST	-----	Amp	
pDest-17	coli	T7	His6	-----	Amp	
pDest-18	insect	p10	-----	-----	Amp/Gen	
pDest-19	insect	p39k	-----	-----	Amp/Gen	
pDest-20	insect	polyhed	GST	-----	Amp	
pDest-23	coli	T7	-----	His6	Amp	
pDest-24	coli	T7	-----	GST	Amp	
pDest-26	mammal	CMV	His6	-----	Amp	
pDest-27	mammal	CMV	GST	-----	Amp	
pDest-30	mammal	CMV-Tet	-----	-----	Amp	pTRex-Dest30
pDest-31	mammal	CMV-Tet	His6	-----	Amp	pTRex-Dest31
pDest-32	yeast	GAL4	GAL4 BD	-----	Gen	
pDest-38	insect	actin	-----	-----	Amp	Express Insect
pDest-39	insect	actin	His6	-----	Amp	Express Insect
pDest-40	mammal	CMV	-----	V5-His6	Amp	pcDNA-Dest40
pDest-42	coli	T7	-----	V5-His6	Amp	
pDest-47	mammal	CMV	-----	GFP	Amp	pcDNA-Dest47
pDest-48	insect	MT	-----	V5-His6	Amp	DES, non-viral, pMT-48
pDest-49	coli	BAD	Trx	His6	Amp	
pDest-50	coli	BAD	-----	His6	Amp	
pDest-51	mammal	EF-1a	-----	V5-His6	Amp	pEF-Dest51
pDest-52	yeast	GAL4	-----	V5-His6		pYes-Dest52
pDest-53	mammal	CMV	GFP	-----	Amp	pcDNA-Dest53

pDest-444	coli	T7	-----	-----	Amp	Fire RNAi vector (ref 1)
pDest-472	mammal	CMV	-----	eGFP	Amp	
pDest-473	mammal	CMV	-----	-----	Amp	IRES sequence
pDest-474	mammal	CMV	-----	myc	Amp	based on pDest-472
pDest-475	mammal	CMV	HA	myc	Amp	based on pDest-472
pDest-501	mammal	CMV	eCFP	-----	Amp	Wiemann pdECFP (ref 4)
pDest-502	mammal	CMV	-----	eYFP	Gen	Wiemann pdEYFP (ref 4)
pDest-503	mammal	CMV	-----	eCFP	Amp	zeocin resistance
pDest-504	mammal	CMV	-----	eYFP	Amp	neomycin resistance
pDest-507	retrovirus	LTR	-----	-----	Amp	Loftus RCAS (ref 5)
pDest-508	retrovirus	LTR	HA	-----	Amp	Loftus RCAS (ref 5)
pDest-509	retrovirus	LTR	-----	HA	Amp	Loftus RCAS (ref 5)
pDest-510	mammal	CMV	-----	FLAG	Amp	based on pDest47
pDest-511	mammal	CMV	c-src	GFP	Amp	based on pDest472
pDest-512	mammal	CMV	Lck	GFP	Amp	based on pDest472
pDest-513	mammal	CMV	LAT	GFP	Amp	based on pDest472
pDest-514	mammal	CMV	LAT-S	GFP	Amp	based on pDest472
pDest-515	mammal	CMV	FLAG	-----	Amp	
pDest-516	mammal	CMV	Lck-HA	-----	Amp	based on pDest512
pDest-517	coli	T7	His6	-----	Amp	high copy, no lacI
pDest-518	mammal	CMV	Lck-V5	-----	Amp	based on pDest512

pDest-519	mammal	CMV	Lck-FLAG	-----	Amp	based on pDest512
pDest-520	mammal	CMV	-----	HA	Amp	based on pDest47
pDest-522	mammal	CMV	Lck	HA	Amp	based on pDest512
pDest-523	coli	T7	T7	His6	Amp	based on pET23a
pDest-524	coli	T7	T7	-----	Amp	based on pET23a
pDest-527	coli	T7	His6	-----	Amp	
pDest-528	coli	T7	His9	-----	Amp	
pDest-530	mammal	CMV	-----	myc	Amp	based on pDest47
pDest-531	coli	T7	KSI	-----	Amp	based on pET31b
pDest-532	coli	T7	GB1	-----	Amp	based on pGB1 (ref 2)
pDest-533	coli	T7	His6-KSI	-----	Amp	based on pDest-531
pDest-534	coli	T7	S	-----	Amp	
pDest-535	coli	T7	CBP	-----	Amp	
pDest-537	coli	T7	His6	-----	Amp	
pDest-543	coli	T7	Nus	-----	Amp	based on pET43.1
pDest-544	coli	T7	H6-Nus	-----	Amp	
pDest-545	coli	T7	H9-Nus	-----	Amp	
pDest-546	coli	T7	H6-Trx	-----	Amp	
pDest-547	coli	T7	-----	eGFP	Amp	
pDest-548	coli	T7	-----	tev-eGFP	Amp	
pDest-549	coli	T7	-----	tev-GFP	Amp	

pDest-550	coli	T7	-----	His6	Amp	
pDest-551	coli	T7	-----	His9	Amp	
pDest-552	coli	T7	-----	His12	Amp	
pDest-553	coli	T7	-----	FLAG	Amp	
pDest-564	coli	T7	-----	-----	Amp	high copy, no lacI
pDest-565	coli	T7	His6-GST	-----	Amp	
pDest-566	coli	T7	His6-MBP	-----	Amp	
pDest-567	coli	T7	MBP-His6	-----	Amp	
pDest-568	coli	T7	DsbC	-----	Amp	
pDest-569	coli	T7	BAP	-----	Amp	
pDest-570	insect	polyhed	-----	-----	Amp/Gen	coexpresses eGFP
pDest-571	coli	T7	CAT	-----	Amp	
pDest-574	coli	T7	H6-Nus	-----	Amp	
pDest-575	coli	Tac	GST-thrm	-----	Amp	
pDest-576	coli	T7	His6-MBP	-----	Amp	high copy, no lacI
pDest-577	coli	T7	DsbC	-----	Amp	high copy, no lacI
pDest-578	coli	T7	Skp	-----	Amp	high copy, no lacI
pDest-579	coli	T7	Skp	-----	Amp	
pDest-591	coli	T7	CAT	-----	Amp	
pDest-596	coli	Trc	MBP	-----	Amp	Waugh pKM596 (ref 3)
pDest-597	coli	T7	MBP-His6	-----	Amp	

pDest-598	coli	Tac	MBP-His6	-----	Amp	based on pLM1001
pDest-601	insect	polyhed	-----	-----	Amp/Gen	p10-GFP dual
pDest-603	insect	polyhed	H6-GST	-----	Amp/Gen	p10-GFP dual
pDest-604	insect	polyhed	H6-Trx	-----	Amp/Gen	p10-GFP dual
pDest-605	insect	polyhed	His6	-----	Amp/Gen	p10-GFP dual
pDest-611	insect	polyhed	-----	-----	Amp/Gen	
pDest-621	insect	basic	-----	-----	Amp/Gen	
pDest-631	insect	p10	-----	-----	Amp/Gen	
pDest-680	adenovirus		-----	-----	Amp	based on pAdLox
pDest-700	mammal	CMV	-----	-----	Amp	
pDest-701	mammal	CMV	myc	-----	Amp	
pDest-710	mammal	CMV	-----	-----	Amp	from pcDNA/FRT/TO
pDest-711	mammal	CMV	HA	-----	Amp	from pcDNA/FRT/TO
pDest-730	mammal	CMV-Tet	-----	-----	Amp	
pDest-731	mammal	CMV-Tet	-----	eGFP	Amp	
pDest-901	yeast	GAL4	GAL4 AD	-----	Amp	
pDest-902	yeast	GAL4	GAL4 BD	-----	Chl	

References

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