

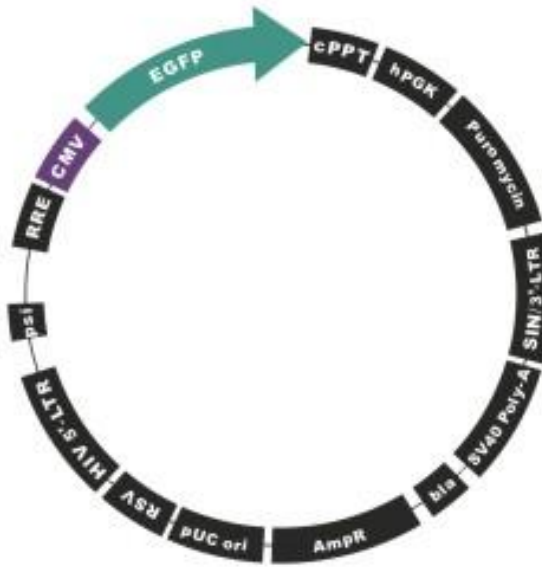
Expression Clone Datasheet of pEGFP-Lv105

Plasmid Size (including EGFP insert): 8745 bp

Vector: pReceiver-Lv105

Selection Marker: Puromycin

pEGFP-Lv105 map



Restriction Enzyme Information for pEGFP-Lv105

Table 1. Restriction Enzymes That Do Not Cleave pEGFP-Lv105

EcoRV	FseI	HpaI	MluI	NheI	PacI	PfIMI	PmeI
PmlI	PshAI	PstI	Sall	SbfI	SgfI	SmaI	SrfI
Swal	XmaI						

Note: The start position is the backbone start site.

Table 2. Restriction Enzymes That Cleave pEGFP-Lv105 Once

AagI	6889	Abel	6290	Acc113I	3237	AccEBI	780	AcPI	7988	AcRII	933	AfIII	4606	AgeI	7175
AluI	780	AluI	2646	ApaCI	780	Ascl	612	AsiAI	7175	Asil	780	Asp10HI	7988	AspA2I	2137
AspAI	933	AspI	841	AssI	3237	AsuII	7988	AtsI	841	AvrBII	2137	AvrII	2137	BamHI	780
BanIII	6889	BavCI	6889	Bbr7I	1573	BbsI	1568	Bbv16II	1568	BbvAll	6889	BbvCI	6290	BbvII	1568
Bce751I	780	Bci29I	6889	BciBI	6889	Bcml	6889	BdII	6889	BfrBI	1450	Bim19I	7988	BimI	7988
Bli41I	6889	Bli86I	6889	BliAI	6889	BliRI	6889	BlnI	2137	BlpI	603	BnaI	780	BpI	1568
Bpu1102I	603	Bpu14I	7988	BpuAI	1568	Bsa29I	6889	BsaBI	7989	Bsc91I	1568	Bscl	6889	Bse64I	933
Bse8I	7989	BseCI	6889	BseJI	7989	BseT10I	933	BseT9I	933	Bsh1365I	7989	BshTI	7175	BsiBI	7989
BsiCI	7988	BsiKI	933	BsiXI	6889	Bsp106I	6889	Bsp119I	7988	Bsp1720I	603	Bsp4009I	780	Bsp98I	780
BspA2I	2137	BspAAll	7981	BspAAllI	780	BspBS31I	1568	BspDI	6889	BspIS4I	1568	BspJII	6889	BspLAll	7988
BspLU11I	4606	BspOVII	6889	BspT104I	7988	BspTS514I	1568	BspXI	6889	BspZEI	6889	BsrBRI	7989	Bst28I	6889
BstBI	7988	BstBS32I	1568	BstEII	933	BstENI	6036	BstI	780	BstNZ169I	6889	BstPI	933	BstSNI	7688
BstT10I	933	BstT9I	933	BstTS5I	1568	BstV2I	1568	Bsu15I	6889	BsuTUI	6889	CblI	7988	CcoI	2472
Cell	780	CellI	603	Clal	6889	CpoI	915	CsiAI	7175	Csp45I	7988	Csp68KII	7988	Csp68KIII	1452

CspAI	7175	Cspl	915	Dpal	3237	Ecal	933	Eci125I	933	Eco105I	7688	Eco255I	3237	Eco56I	2470
Eco91I	933	EcoNI	6036	EcoO128I	933	EcoO65I	933	EcoRI	7999	EcoT22I	1452	EspI	603	FspII	7988
FunII	7999	GstI	780	Hall	7999	Kpn49kI	7999	Lcal	6889	LpII	6889	LspI	7988	Mabl	1366
MamI	7989	MfeI	6055	MlaI	7988	Mlu23I	780	Mph1103I	1452	MroNI	2470	MunI	6055	NaeI	2472
NgoAIV	2470	NgoMIV	2470	NsiI	1452	Nsp29132II	780	NspSAII	933	NspSAIV	780	NspV	7988	OkrAI	780
PciI	4606	PdiI	2472	Pfi27I	6800	Pfi8I	780	PfiFI	841	Pgal	6889	PinAI	7175	PinBI	1452
PlalI	7988	PpaAI	7988	Ppu10I	1448	Ppu111I	7999	PpuMI	6800	PpuXI	6800	Psp5II	6800	PspEI	933
PspPPI	6800	Psyl	841	RfiFI	3237	Rme21I	6889	RspLKII	780	Rsr2I	915	RsrI	7999	RsrII	915
SanDI	6800	SauBMKI	2472	SauHPI	2472	SauLPI	2472	SauNI	2472	SauSI	2472	Scal	3237	ScellI	2470
SdiI	2090	Sepl	1452	SexAI	1366	Sfil	2090	Sful	7988	SgrAI	7175	Slu1777I	2472	SnaBI	7688
Soll	780	Spml	6889	Srl32DI	7999	Srl55DI	7999	SrII	2470	Sse1825I	6800	Ssol	7999	Ssp1I	7988
Ssp27144I	6889	SspCI	2472	SspD5II	1452	SspRFI	7988	Surl	780	Svil	7988	Tell	841	Tth111I	841
Uba4009I	780	Xagl	6036	XbaI	7981	XcmI	295	XmaJI	2137	ZhoI	6889	Zrml	3237	Zsp2I	1452

Note: The start position is the backbone start site.

Table 3. Restriction Enzymes That Cleave pEGFP-Lv105 Twice

AasI	2622	AasI	4504	AatI	1130	AatI	2136	Acc65I	1466	Acc65I	8005	AccI	151	AccI	5832
AccIII	717	AccIII	912	AclI	3116	AclI	3489	AcINI	523	AcINI	7347	Adel	1370	Adel	2578
AflII	1653	AflII	5387	AhaB8I	1466	AhaB8I	8005	AhdI	363	AhdI	3718	AhlI	523	AhlI	7347
Alw44I	3046	Alw44I	4292	Aor13HI	717	Aor13HI	912	ApaBI	1371	ApaBI	6320	Apal	430	Apal	678
ApaLI	3046	ApaLI	4292	Asp700I	3118	Asp700I	5714	Asp718I	1466	Asp718I	8005	AspEI	363	AspEI	3718
AspMI	1130	AspMI	2136	BaeI	5233	BaeI	8030	BbuI	40	BbuI	5187	BbvAI	3118	BbvAI	5714
BbvAIII	717	BbvAIII	912	BciVI	2881	BciVI	4408	Bcul	523	Bcul	7347	BfRI	1653	BfRI	5387
BfuI	2881	BfuI	4408	BflI	717	BflI	912	BseAI	717	BseAI	912	BseYI	3	BseYI	4302
BsiMI	717	BsiMI	912	Bsp120I	426	Bsp120I	674	Bsp13I	717	Bsp13I	912	Bsp68I	5703	Bsp68I	7995
BspEI	717	BspEI	912	BspHI	2878	BspHI	3886	BspMII	717	BspMII	912	BspOVI	363	BspOVI	3718
BspTI	1653	BspTI	5387	Bst98I	1653	Bst98I	5387	BstAPI	1370	BstAPI	6319	BstI2316I	1370	BstI2316I	2578
BstPZ740I	1653	BstPZ740I	5387	Bsu23I	717	Bsu23I	912	CauB3I	717	CauB3I	912	Cfr42I	258	Cfr42I	1013
CscI	258	CscI	1013	CspCI	2783	CspCI	7724	DrallI	1370	DrallI	2578	DrdI	2622	DrdI	4504
Dril	363	Dril	3718	DseDI	2622	DseDI	4504	Eae46I	258	Eae46I	1013	Eam1105I	363	Eam1105I	3718
EclHKI	363	EclHKI	3718	Eco147I	1130	Eco147I	2136	Eco29kI	258	Eco29kI	1013	Esp4I	1653	Esp4I	5387
FauNDI	7107	FauNDI	7582	FblI	151	FblI	5832	Gall	258	Gall	1013	GceGLI	258	GceGLI	1013
GceI	258	GceI	1013	GdiI	1130	GdiI	2136	HinJCI	750	HinJCI	7332	HinclI	750	HinclI	7332
HindII	750	HindII	7332	Kpn2I	717	Kpn2I	912	Kpn378I	258	Kpn378I	1013	KpnI	1470	KpnI	8009
KspI	258	KspI	1013	MluB2I	5703	MluB2I	7995	MroI	717	MroI	912	MroXI	3118	MroXI	5714
MspCI	1653	MspCI	5387	NdeI	7107	NdeI	7582	NgoAIII	258	NgoAIII	1013	NgoPIII	258	NgoPIII	1013
NruGI	363	NruGI	3718	NruI	5703	NruI	7995	Pae14kI	258	Pae14kI	1013	Pae5kI	258	Pae5kI	1013
PaeAI	258	PaeAI	1013	PaeI	40	PaeI	5187	PaeQI	258	PaeQI	1013	PagI	2878	PagI	3886
PceI	1130	PceI	2136	Pdml	3118	Pdml	5714	PfaAll	7107	PfaAll	7582	PfaAIII	40	PfaAIII	5187
PinBII	717	PinBII	912	Pme55I	1130	Pme55I	2136	Ppel	430	Ppel	678	Psp1406I	3116	Psp1406I	3489
PspOMI	426	PspOMI	674	Ptal	717	Ptal	912	Rcal	2878	Rcal	3886	RspLKI	40	RspLKI	5187
RspXI	2878	RspXI	3886	SacII	258	SacII	1013	Sarl	1130	Sarl	2136	Sbo13I	5703	Sbo13I	7995
SchZI	258	SchZI	1013	SenPT14bl	258	SenPT14bl	1013	SexBI	258	SexBI	1013	SexCI	258	SexCI	1013
Sfr303I	258	Sfr303I	1013	SgrBI	258	SgrBI	1013	Snol	3046	Snol	4292	SpaHI	40	SpaHI	5187
SpeI	523	SpeI	7347	SphI	40	SphI	5187	Spol	5703	Spol	7995	Spul	258	Spul	1013
Sru30DI	1130	Sru30DI	2136	SseBI	1130	SseBI	2136	SstII	258	SstII	1013	Stel	1130	Stel	2136
SthI	1466	SthI	8005	Stul	1130	Stul	2136	Vha464I	1653	Vha464I	5387	Vnel	3046	Vnel	4292
XmiI	151	XmiI	5832	Xmnl	3118	Xmnl	5714								

Note: The start position is the backbone start site.

Table 4. Restriction Enzymes That Cleave pEGFP-Lv105 Three Times

AauI	14	AauI	7291	AauI	8720	Acc16I	308	Acc16I	2323	Acc16I	3495	Afa16RI	2304	Afa16RI	3349
Afa16RI	5215	Afa22MI	2304	Afa22MI	3349	Afa22MI	5215	AlwNI	4197	AlwNI	6316	AlwNI	6400	AosI	308
AosI	2323	AosI	3495	Asp26HI	703	Asp26HI	1922	Asp26HI	6460	Asp27HI	703	Asp27HI	1922	Asp27HI	6460
Asp35HI	703	Asp35HI	1922	Asp35HI	6460	Asp36HI	703	Asp36HI	1922	Asp36HI	6460	Asp40HI	703	Asp40HI	1922
Asp40HI	6460	Asp50HI	703	Asp50HI	1922	Asp50HI	6460	Avill	308	Avill	2323	Avill	3495	Ball	589
Ball	1174	Ball	7259	BavAI	1497	BavAI	2273	BavAI	4866	BavBI	1497	BavBI	2273	BavBI	4866
BavI	1497	BavI	2273	BavI	4866	Bcgl	1240	Bcgl	3214	Bcgl	8101	Bpu10I	6290	Bpu10I	8614
Bpu10I	8632	BpuDI	6290	BpuDI	8614	BpuDI	8632	BsaAI	2575	BsaAI	7038	BsaAI	7688	BsaMI	703
BsaMI	1922	BsaMI	6460	BscCI	703	BscCI	1922	BscCI	6460	BsmBI	523	BsmBI	1191	BsmBI	7937
BsmI	703	BsmI	1922	BsmI	6460	Bsp1407I	14	Bsp1407I	7291	Bsp1407I	8720	Bsp153AI	1497	Bsp153AI	2273
Bsp153AI	4866	Bsp19I	2044	Bsp19I	7708	Bsp19I	8009	BspCI	2304	BspCI	3349	BspCI	5215	BspM39I	1497
BspM39I	2273	BspM39I	4866	BspO4I	1497	BspO4I	2273	BspO4I	4866	BsrGI	14	BsrGI	7291	BsrGI	8720
BstAUI	14	BstAUI	7291	BstAUI	8720	BstBAI	2575	BstBAI	7038	BstBAI	7688	BstGZ53I	523	BstGZ53I	1191
BstGZ53I	7937	Cail	4197	Cail	6316	Cail	6400	CciNI	6014	CciNI	6912	CciNI	8739	Cfr6I	1497
Cfr6I	2273	Cfr6I	4866	CsiBI	6014	CsiBI	6912	CsiBI	8739	CspBI	6014	CspBI	6912	CspBI	8739
Dmal	1497	Dmal	2273	Dmal	4866	EagBI	2304	EagBI	3349	EagBI	5215	EclI	1497	EclI	2273
EclI	4866	ErhB9I	2304	ErhB9I	3349	ErhB9I	5215	Esp3I	523	Esp3I	1191	Esp3I	7937	FdiII	308

FdII	2323 FdII	3495 FspI	308 FspI	2323 FspI	3495 MchAI	6014 MchAI	6912 MchAI	8739
MIsI	589 MIsI	1174 MIsI	7259 Mlu31I	589 Mlu31I	1174 Mlu31I	7259 MluNI	589 MluNI	1174
MluNI	7259 MscI	589 MscI	1174 MscI	7259 Msp20I	589 Msp20I	1174 Msp20I	7259 MspYI	2575
MspYI	7038 MspYI	7688 MstI	308 MstI	2323 MstI	3495 Mva1269I	703 Mva1269I	1922 Mva1269I	6460
Mvrl	2304 Mvrl	3349 Mvrl	5215 NblI	2304 NblI	3349 NblI	5215 NcoI	2044 NcoI	7708
NcoI	8009 NmeRI	1497 NmeRI	2273 NmeRI	4866 NotI	6014 NotI	6912 NotI	8739 NsbI	308
NsbI	2323 NsbI	3495 Pae17kI	1497 Pae17kI	2273 Pae17kI	4866 Paml	308 Paml	2323 Paml	3495
PctI	703 PctI	1922 PctI	6460 PfoI	337 PfoI	1274 PfoI	8291 Ple19I	2304 Ple19I	3349
Ple19I	5215 Psil	1805 Psil	1861 Psil	2703 PspXI	261 PspXI	6906 PspXI	8731 Psu161I	2304
Psu161I	3349 Psu161I	5215 PsuAI	2575 PsuAI	7038 PsuAI	7688 Pun14627I	308 Pun14627I	2323 Pun14627I	3495
Pun14627II	1497 Pun14627II	2273 Pun14627II	4866 Pvu84II	1497 Pvu84II	2273 Pvu84II	4866 Pvul	2304 Pvul	3349
Pvul	5215 Pvull	1497 Pvull	2273 Pvull	4866 RshI	2304 RshI	3349 RshI	5215 SapI	4723
SapI	4803 SapI	5972 Ssp4800I	14 Ssp4800I	7291 Ssp4800I	8720 SspBI	14 SspBI	7291 SspBI	8720
Uba153AI	1497 Uba153AI	2273 Uba153AI	4866 UbaM39I	1497 UbaM39I	2273 UbaM39I	4866 VpaK32I	4723 VpaK32I	4803
VpaK32I	5972 XorII	2304 XorII	3349 XorII	5215				

Note: The start position is the backbone start site.