

OmicsLink™ Expression Clone Datasheet of EX-Mm30812-M56

Clone Information

Catalog No.: EX-Mm30812-M56

Accession No.: NM_001177352

Whole Plasmid Size: 7450 bp

Description: Mus musculus myelocytomatosis oncogene (Myc), transcript variant 1, mRNA.

Vector: pEZ-M56

Stable Selection Marker: Neomycin

ORF Length: 1320 bp

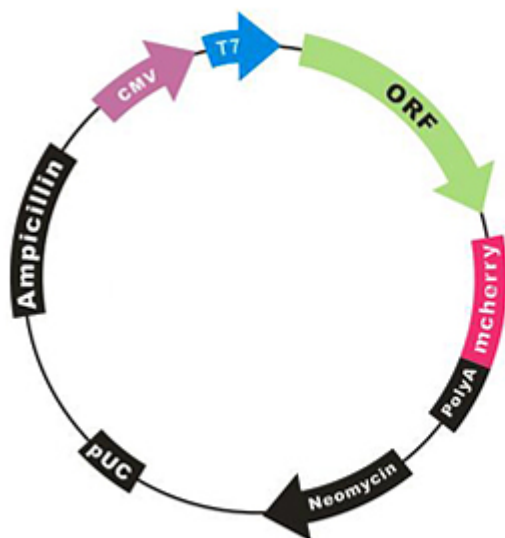
Antibiotic: Ampicillin

Suggested Sequencing Primers:

Forward: 5'-GCGGTAGGCGGTACGGT-3'

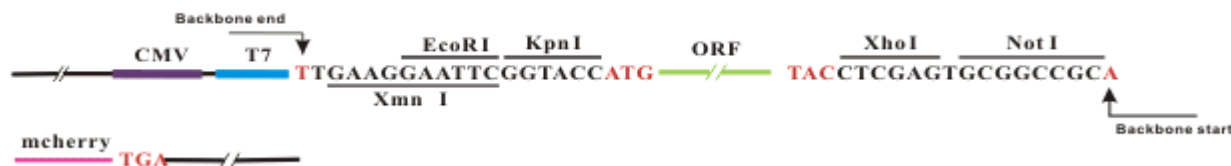
Reverse: 5'-CGATCTCGAACTCGTGGC-3'

Vector Information for EX-Mm30812-M56



Vector Features

Promoter	CMV
Host Cell	Mammalian
Bacterial selection antibiotic	Ampicillin
Mammalian selection marker	Yes
Tag	mcherry



Restriction Enzyme Information for EX-Mm30812-M56

Table 1. Restriction Enzymes That Do Not Cleave EX-Mm30812-M56

AfeI	AfIII	AgeI	Apal	AscI	BaeI	BaeI	BamHI
BlnI	BsiWI	BspEI	BstXI	Bsu36I	Clal	FseI	HpaI

PacI SrfI	PmlI Swal	PshAI XbaI	PspOMI	Sall	SanDI	SfiI	Sgfl
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Note: Position 1 is indicated above by the arrow pointing to the backbone start site.

Table 2. Restriction Enzymes That Cleave EX-Mm30812-M56 Once

Acc65I	6110	AccB7I	470	AccI	2964	Adel	1258	AhlI	5409	AjiI	7018	AleI	673	Asp718I	6110
AspA2I	1781	AspI	2109	AssI	4717	AsuNHI	28	AvrII	1781	BasI	470	BbvCI	569	BcgI	4742
BclI	1832	BcuI	5409	BglII	5172	BlnI	1781	BmcAI	4717	BmgBI	7018	BmtI	32	BpvUI	4607
BsaBI	1850	Bse8I	1850	BseJI	1850	BsgI	625	BsmBI	7024	BsmI	2913	BspOI	32	BssNAI	2965
Bst1107I	2965	BstENI	7057	BstSNI	5750	BstZ17I	2965	BtrI	7018	CciNI	7444	Cfr42I	6616	Cfr9I	1802
CpoI	2507	CsiI	1548	CspCI	5786	CspI	2507	DraIII	1258	Ecl136II	5976	Eco105I	5750	Eco32I	6259
Eco53kI	5976	EcoICRI	5976	EcoNI	7057	EcoRI	6104	EcoRV	6259	Esp3I	7024	FauNDI	5644	FbaI	1832
FblI	2964	HindIII	6062	KpnI	6114	Ksp22I	1832	KspI	6616	MabI	1548	MfeI	5321	MluI	5388
MssI	745	MunI	5321	Mva1269I	2913	MvrI	4607	NdeI	5644	NheI	28	NotI	7444	OliI	673
PaeR7I	7436	PciI	3344	PctI	2913	PfiFI	2109	PfiMI	470	Ple19I	4607	PmeI	745	PscI	3344
Psp124BI	5978	PspXI	7436	PsyI	2109	PvuI	4607	Rsr2I	2507	RsrII	2507	SacI	5978	SacII	6616
Scal	4717	SexAI	1548	Sfr274I	7436	Sfr303I	6616	SgrAI	712	SgrBI	6616	Slal	7436	Smal	1804
SnaBI	5750	SpeI	5409	SspI	5041	SstI	5978	StuI	7436	TspMI	1802	Tth111I	2109	Van911I	470
XagI	7057	XcmI	717	XhoI	7436	XmaI	1802	XmaJI	1781	XmiI	2964	Zrml	4717		

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Table 3. Restriction Enzymes That Cleave EX-Mm30812-M56 Twice

AanI	1383	AanI	2852	Acc16I	2093	Acc16I	4459	AclI	4463	AclI	4836	AfIII	3344	AfIII	5388
AhdI	225	AhdI	4237	Alol	411	Alol	1326	AspEI	225	AspEI	4237	AsuII	6069	AsuII	7417
AviII	2093	AviII	4459	Ball	61	Ball	2073	BmeRI	225	BmeRI	4237	Bpu14I	6069	Bpu14I	7417
BsePI	2388	BsePI	6581	BseX3I	1897	BseX3I	7444	Bsp119I	6069	Bsp119I	7417	Bsp68I	2675	Bsp68I	5368
BspHI	4064	BspHI	5072	BspT104I	6069	BspT104I	7417	BssHII	2388	BssHII	6581	BstAPI	1526	BstAPI	1598
BstBI	6069	BstBI	7417	BstEII	186	BstEII	357	BstPI	186	BstPI	357	BstZI	1897	BstZI	7444
BtuMI	2675	BtuMI	5368	CciI	4064	CciI	5072	Dril	225	Dril	4237	EagI	1897	EagI	7444
Eam1105I	225	Eam1105I	4237	EclXI	1897	EclXI	7444	Eco52I	1897	Eco52I	7444	Eco91I	186	Eco91I	357
EcoO65I	186	EcoO65I	357	EcoT22I	1531	EcoT22I	1603	FspI	2093	FspI	4459	HincII	630	HincII	5394
HindII	630	HindII	5394	MslI	61	MslI	2073	MluNI	61	MluNI	2073	Mph1103I	1531	Mph1103I	1603
MscI	61	MscI	2073	Msp20I	61	Msp20I	2073	NruI	2675	NruI	5368	NsbI	2093	NsbI	4459
NsiI	1531	NsiI	1603	NspV	6069	NspV	7417	PagI	4064	PagI	5072	Paul	2388	Paul	6581
PfoI	2768	PfoI	6507	Psil	1383	Psil	2852	Psp1406I	4463	Psp1406I	4836	PspEI	186	PspEI	357
PteI	2388	PteI	6581	Rcal	4064	Rcal	5072	RruI	2675	RruI	5368	SbfI	386	SbfI	6654
Sdal	386	Sdal	6654	Sful	6069	Sful	7417	Sse8387I	386	Sse8387I	6654	Zsp2I	1531	Zsp2I	1603

Note: Position 1 is indicated above by the arrow pointing to the backbone start site.

Table 4. Restriction Enzymes That Cleave EX-Mm30812-M56 Three Times

BbsI	466	BbsI	944	BbsI	6375	Bpil	466	Bpil	944	Bpil	6375	BpuAI	466		
BpuAI	944	BpuAI	6375	Bse3DI	2224	Bse3DI	4298	Bse3DI	4472	BseMI	2224	BseMI	4298	BseMI	4472
Bsp1407I	14	Bsp1407I	731	Bsp1407I	6081	BsrDI	2224	BsrDI	4298	BsrDI	4472	BsrGI	14	BsrGI	731
BsrGI	6081	BstAUI	14	BstAUI	731	BstAUI	6081	BstV2I	466	BstV2I	944	BstV2I	6375	DinI	510
DinI	618	DinI	1992	Eco147I	256	Eco147I	478	Eco147I	1780	Egel	510	Egel	618	Egel	1992
Ehel	510	Ehel	618	Ehel	1992	KasI	508	KasI	616	KasI	1990	KroI	1150	KroI	2491
KroI	2776	Mly113I	509	Mly113I	617	Mly113I	1991	MroNI	1150	MroNI	2491	MroNI	2776	NaeI	1152
NaeI	2493	NaeI	2778	NarI	509	NarI	617	NarI	1991	NgoMIV	1150	NgoMIV	2491	NgoMIV	2776
PceI	256	PceI	478	PceI	1780	PdII	1152	PdII	2493	PdII	2778	PluTI	512	PluTI	620
PluTI	1994	PpuMI	6655	PpuMI	7108	PpuMI	7152	Psp5II	6655	Psp5II	7108	Psp5II	7152	PspPPI	6655
PspPPI	7108	PspPPI	7152	SfoI	510	SfoI	618	SfoI	1992	SseBI	256	SseBI	478	SseBI	1780
SspDI	508	SspDI	616	SspDI	1990	StuI	256	StuI	478	StuI	1780				

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