

Cells	Overexpressed Genes	Virus	Backbone	Transfection	Polybrene	Positive selection	Induction system	Reference
Platinum E cells	<b>GMT</b>	Retrovirus	pMXs	FuGene6 (Roche)				Ieda et al., 2010
Platinum E cells	Myc-tagged <b>GHMT</b>	Retrovirus	pBabeX	FuGene6 (Roche)	6 µg/mL			Song et al., 2012
HEK293 FT	<b>GMT</b> , ESRRG, MESP1, MYOCD, ZFPM2 ( <b>7F</b> )	Lentivirus	pLVX-tetO-cDNA pLVX-Tight-Puro pMXs	Lipofectamine 2000	4 µg/mL		1 µg/mL Dox	Fu et al., 2013
		Retrovirus	Retro-X-Tet-ON pRetro-X-Tight-cDNA	FuGene6 (Promega)	5 µg/mL	puromycin & neomycin	100 ng/mL Dox	
Platinum A cells	<b>GMT</b> , Mesp1, Myocd	Retrovirus	pBabeX	FuGene6 (Promega)	6 µg/mL			Nam et al., 2013
PLAT-GP cells	<b>GMT</b> , MESP1, MYOCD (GMTMM)	Retrovirus	pMXs	TremeGene 9 (Roche)	4 µg/mL			Wada et al., 2013
293FT cells		Lentivirus	pLVX-rtTA pLVX-tetO-cDNA	Lipofectamine 2000	4 µg/mL		1 µg/mL Dox	
Platinum A cells	Myc-tagged <b>GHMT</b>	Retrovirus	pBabeX	FuGene6 (Promega)	6 µg/mL			Nam et al., 2014
Platinum E cells	<b>GMT</b>	Retrovirus	pMXs	FuGene6 (Roche)				Muraoka et al., 2014
HEK293	human <b>GMT</b> , MESP1, MYOCD	Lentivirus	CSII-CMV-RfA	Lipofectamine 2000				
Platinum E cells	Polycistronic <b>M-G-T</b>	Retrovirus	pMXs	Lipofectamine 2000	4 µg/mL	puromycin 2 µg/mL		Wang et al., 2014
Platinum A cells	<b>GHMT</b> Akt1	Retrovirus	pBabeX pMxs-MyrAkt1	FuGene6 (Promega)	6 µg/µL			Zhou et al., 2015
Platinum E cells	<b>GHMT</b> , MESP1, MYOCD	Retrovirus	pMXs	FuGene6 (Promega)				Yamakawa et al., 2015
Platinum E cells	<b>GMT</b>	Retrovirus	pMXs	FuGene HD (Roche)	0.6 µg/mL			Mohamed et al., 2017
Platinum E cells	<b>GMT</b> or <b>GHMT</b>	Retrovirus	pMXs	FuGene6			10 µM diclofenac	Muraoka et al., 2019
Platinum E cells	polycistronic <b>M-G-T-H</b>	Retrovirus	pBabeX	FuGene6 (Promega)	6 µg/mL			Zhang et al., 2019, 2021
293T cells	Polycistronic human <b>M-G-T</b> , miRNA-133	Retrovirus	pMXs pBabe	Nanofect	8 µg/mL	puromycin 1 µg/mL		Garbutt et al., 2020
Platinum E cells	<b>GHMT</b> , Myocd, PHF7	Retrovirus	pMXs	FuGene6 (Promega)	8 µg/mL			Garry et al., 2021