

Designation	Formal Nomenclature	Short Description	Reference	Availability
<b>Deleter / Reporter Mice</b>				
Cre deleter	C57BL/6- <i>Gt(ROSA)26Sor<sup>tm1(Cre)Arnt</sup></i> Backcross to C57BL/6Ntac: N5	ubiquitous activity; general deleter knock-in of "Splice Acceptor - NLS <sup>SV40T</sup> -Cre polyadenylation site" in the ROSA26 locus subsequent deletion of neo selection marker	unpublished	Live Mice
FLPe deleter	C57BL/6-Tg(CAG-FIpe)2Arte	ubiquitous activity random integration of CAGGS promoter - Fipe transgene coisogenic on C57BL/6	unpublished	Live Mice
Arte1 Cre/C31 reporter (lacZ)	B6;129S6- <i>Gt(ROSA)26Sor<sup>tm1BArte</sup></i> Backcross Generation N2	cre/phiC31 reporter knock-in of lacZ in ROSA26 locus (CAGGS promoter-attB-loxP-PGK promoter-hygroR-attP-loxP-NLSlacZ)	unpublished	Live Mice
Ra/EG reporter	B6.129P2- <i>Ager<sup>tm1Arnd</sup></i>	Knock in of floxed EGFP reporter in the advanced glycosylation end product-specific receptor (Ager; formerly RAGE1) locus. Cre deletion activates ubiquitous expression of EGFP.	Constien et al., <i>Genesis</i> 30: 36-44 (2001)	
<b>Inducible Recombinase Mice</b>				
rosa(SAcreER <sup>T2</sup> )	C57BL/6 NTac- <i>Gt(ROSA)26Sor<sup>tm9(cre/ESR1)Arte</sup></i>	inducible general deleter knock-in of high affinity creER <sup>T2</sup> (cre/ESR1) in ROSA26 locus successful induction of cre activity after oral tamoxifen administration (5 days, 5 mg oral per day; LD50 of 200 mg), resulting in complete recombination of <i>polBetaFlox reporter</i> in all tissues, except brain (30%) also available as ES cell line: ESAR F1 R9 7 (genetic background 129S6B6F1)	Seibler et al., <i>NAR</i> 2003, 31(4):e12	Live Mice
Mx cre	B6.Cg-Tg( <i>Mx1-Cre</i> ) <i>CgnArte</i> Backcross Generation N18	inducible deleter random integration of NLS <sup>SV40T</sup> -cre under control of the interferon-inducible Mx-promoter; mice express cre in different levels in interferon-reactive tissues; successful induction of cre expression after IP injection of polyinosine-polyCytidine (250 µg each at day 1, 3 and 5), results in deletion of <i>polBetaFlox reporter</i> between 10% (brain) and 100% (liver) low background activity of >10% in spleen, uterus, thymus, heart and lung	Kuehn et al., <i>Science</i> 269: 1427-1429 (1995)	Frozen Embryos only
L43Tie2ER <sup>T2</sup> Cre	B6;D2-Tg(Tek-cre/ESR1)1Arnd	Exclusive and reproducible inducible endothelial cell expression of Cre	Forde et al., <i>Genesis</i> 33: 191-1	

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<b>Tissue-specific Recombinase Mice</b>				
<b>Cre</b>				
CamKII-cre	B6.Cg-Tg(Camk2a-cre)159Cgn/Arte Backcross Generation N14	forebrain-specific random transgene of NLS <sup>SV40T</sup> -cre under control of the murine CamKII promoter - efficient recombination in Cortex, Striatum and hippocampus in adult animals	Minichiello et al., Neuron 24: 401-414 (1999)	Live Mice
CD19-cre	B6.129P2-Cd19 <sup>tm1(cre)Cgn</sup> /Arte Backcross Generation ?+N13F10	B cell-specific knock-in of NLS <sup>SV40T</sup> -cre into exon 2 of CD19 locus; - 90% deletion of <i>polBetaFlox reporter</i> in splenic B cells, 80% deletion in bone marrow B cell precursors	Rickert et al., NAR 25: 1317-1318 (1997)	Live Mice
MCK-cre	B6.Cg-Tg(Ckm-Cre)28Arte Backcross Generation N8	specific for skeletal and heart muscle random transgene of NLS <sup>SV40T</sup> -cre under control of the muscle creatin kinase (Ckm) promoter - partial deletion, up to 50% of <i>ROSA26 reporter</i>	unpublished	frozen Embryos only
NFL-cre	B6.CBA(B6)-Tg(Nefl-cre)1Arte	neuron-specific random transgene of NLS <sup>SV40T</sup> -cre under control of the human neurofilament light chain (NFL) promoter - recombination in individual cells of brain and spinal cord	unpublished	frozen Embryos only
Tie2CRE	B6;D2-Tg(Tek-cre)1Arnd	Endothelial and hematopoietic specific expression of Cre. Germline expression.	Constien et al., Genesis 30: 36-44 (2001)	
<b>Flp</b>				
CamKII-FLP	C57BL/6-Tg(Camk2a-Flpe)23Arte	forebrain/hippocampus specific, random transgene of NLSSV40T-FLPe under control of the murine CamKII promoter - efficient recombination in Cortex and hippocampus coisogenic on C57BL/6	unpublished	Frozen Embryos only
Rip-FLP	B6.Cg-Tg(Ins2-Flpe)25Arte Backcross Generation N15	pancreas beta cells, random transgene of Rat-Insulin_Promoter-FLPe, recombination in pancreas β-cells	unpublished	Live Mice
Transferrin-FLP	C57BL/6-Tg(Trf-Flpe)35Arte	brain/liver, random transgene of transferrin-FLPe, recombination in brain and liver, heterozygous mice coisogenic on C57BL/6	unpublished	Live Mice