Linhagens CCCE-FMRP

Nome comum	Nomenclatura	Restrição de uso	Manutenção	Informações sobre a linhagem
A2A KO	*C;129S-Adora2a^{tm1Jfc}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/010685
Ai14(tomato)	*B6.Cg-Gt(ROSA)26Sor$^{tm14(CAG-tdTomato)Hze}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/007914
AIM2 KO	*AIM2 KO*		Homozigoto x Homozigoto	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2906881
Aldh1l1-Cre/ERT2	*B6N.FVB-Tg(Aldh1l1-cre/ERT2)1Khakh/J*	-	Noncarrier x Hemizygote	https://www.jax.org/strain/031008
ASC	*ASC KO*	MTA	Homozigoto x Homozigoto	Sutterwala FS, Ogura Y, Szczepanik M, Lara-Tejero M, Lichtenberger GS, et al. (2006) Critical role for NALP3/CIAS1/Cryopyrin in innate and adaptive immunity through its regulation of caspase-1. Immunity 24: 317–327. https://doi.org/10.1016/j.immuni.2006.02.004
Axl-KO	*STOCK Axl^{tm1Grl}/J*	MTA	Homozigoto x Homozigoto	https://www.jax.org/strain/011121
B6 Cd45.1	*B6.SJL-Ptprc^{a} Pepc^{b}/BoyJ*		Irmão x irmã	https://www.jax.org/strain/002014
B-KO	*B6.129S2-Ighm^{tm1Cgn}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002288
CAG-LSL-Gq-DREADD	*B6N;129-Tg(CAG-CHRM3*,-mCitrine)1Ute/J*	-	Hemizygote x Noncarrier Noncarrier x Hemizygote	https://www.jax.org/strain/026220
CAMPER	*C57BL/6-Gt(ROSA)26Sor$^{tm1(CAG-ECFP*/Rapgef3/Venus*)Kama}$/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/032205
Cas9	*STOCK Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*,-EGFP)Fezh}$/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/024858
Casp1	*Casp1 delta10/delta10*	MTA		Gonçalves et al., Plos Pathogens 2019 https://doi.org/10.1371/journal.ppat.1007886
Casp1/11/7	*Casp1/11/7*	MTA	Homozigoto x Homozigoto	https://doi.org/10.1371/journal.ppat.1007886
Casp7	*B6.129S6-Casp7^{tm1Flv}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/006237
Caspase-1/11	*Caspase1/11*	MTA	Homozigoto x Homozigoto	Kuida K, Lippke JA, Ku G, Harding MW, Livingston DJ, et al. (1995) Altered cytokine export and apopto- sis in mice deficient in interleukin-1 beta converting enzyme. Science 267: 2000–2003. https://pubmed.ncbi.nlm.nih.gov/7535475/
Caspase-11	*Casp11 KO*	-	Homozigoto x Homozigoto	https://www.nature.com/articles/nature10558
Ccl2 KO	*B6.129S4-Ccl2^{tm1Rol}/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/004434
Ccl2-RFP(flox)	*B6.Cg-Ccl2$^{tm1.1Pame}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/016849
CCR-2 KO	*B6.129S4-Ccr2^{tm1Ifc}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/004999

CCR4 eGFP	*C57BL/6J-Ccr4tm1.1(eGFP)Geno*	MTA	Heterozigoto x Heterozigoto	Charles River Laboratories France
CCR4 td Tomato	*C57BL/6J-Ccr4tm1(tdTomato)Geno*	MTA	Homozigoto x Homozigoto	Charles River Laboratories France
CCR-4 KO	*B6;129P-Ccr4^{tm1Pwr}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/004101
CD-14 KO	*B6.129S4-Cd14^{tm1Frm}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/017336
CD39 KO	*B6.129S2-Entpd1^{tm1Rdr}*	MTA	Homozigoto x Homozigoto	Enjyoji K, Sévigny J, Lin Y, Frenette PS, Christie PD, Esch JS 2nd, Imai M, Edelberg JM, Rayburn H, Lech M, Beeler DL, Csizmadia E, Wagner DD, Robson SC, Rosenberg RD. Targeted disruption of cd39/ATP diphosphohydrolase results in disordered hemostasis and thromboregulation. Nat Med. 1999 Sep;5(9):1010-7. https://pubmed.ncbi.nlm.nih.gov/10470077/
CD4-cre	*STOCK Tg(Cd4-cre)1Cwi/BfluJ*	-	Hemizygote x Noncarrier	https://www.jax.org/strain/017336
CD-8 KO	*B6.129P2-B2m^{tm1Unc}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002087
Csf2ra Green-Flox	*C57BL/6J-Csf2ratm1(zsGreen)/Geno*	MTA	Homozigoto x Homozigoto	Charles River Laboratories France
Csf2ra-KO	*C57BL/6J-Csf2ratm1.1/Geno*	MTA	Heterozigoto x Heterozigoto	Charles River Laboratories France
DBA/1J	*DBA/1J*	-	Irmão x irmã (isogênico)	https://www.jax.org/strain/000670
Delta Naip	*Naip1-5chim/2-KO*	MTA		Rauch I, Tenthorey JL, Nichols RD, Al Moussawi K, Kang JJ, Kang C, Kazmierczak BI, Vance RE. J Exp Med. 2016 May 2;213(5):657-65. https://pubmed.ncbi.nlm.nih.gov/27045008/
Elastase-2 KO	*B6;129P2-Cela2a^{Tm1Bdr}*	-	Homozigoto x Homozigoto	Cela2a Conditional knockout mice strain B6;129P2-Cela2aTm1Bdrreport
Foxp3EGFP-Cre	*STOCK Foxp3$^{tm9(EGFP/cre/ERT2)Ayr}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/016961
FROG	*FROG C57BL/6J-Csf2<tm1(cre EGFP)Ctmb*	MTA		https://doi.org/10.1016/j.immuni.2019.04.006
Gal-3 KO*(C57BL/6)*	*Galectin-3*	-	Homozigoto x Homozigoto	https://www.ncbi.nlm.nih.gov/pubmed/10702423
GM-CSF KO	*B6.129S-Csf2^{tm1Mlg}/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/026812
GPR109a KO	*B6.129S6-Cd109^{tm1Mat}*	MTA	Homozigoto x Homozigoto	Mii S, et al., Epidermal Hyperplasia and Appendage Abnormalities in Mice Lacking CD109. Am J Pathol. 2012 Oct;181(4):1180-9 https://pubmed.ncbi.nlm.nih.gov/22846721/
GPR91 KO	*GPR91 KO*	MTA	Homozigoto x Homozigoto	Nat Immunol. 2008 Nov;9(11):1261-9. doi: 10.1038/ni.1657. Epub 2008 Sep 28. https://www.ncbi.nlm.nih.gov/pubmed/18820681

GR-Flox	*B6.Cg-Nr3c1$^{tm1.1Jda}$/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/021021
Gsdmd	*GSDMD-/-*	MTA	Homozigoto x Homozigoto	https://doi.org/10.1371/journal.ppat.1007886
GT	*C57BL/6J-Sting1^{gt}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/017537
HCAR2-mRFP	*HCAR2-mRFP(GPR109A)*	MTA	Homozigoto x Homozigoto	CNRS-TAAM-UAR44 - France
HIF-1α flox	*B6.129-Hif1a^{tm3Rsjo}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/007561
ICAM KO	*B6.129S7-Icam1^{tm1Bay}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002127
iDTR	*C57BL/6-Gt(ROSA)26Sor$^{tm1(HBEGF)Awai}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/007900
IFNAR BL/6	*B6(Cg)-Ifnar1$^{tm1.2Ees}$/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/028288
IFNAR1 Flox	*B6(Cg)-Ifnar1$^{tm1.1Ees}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/028256
IFNγ KO	*B6.129S7-Ifng^{tm1Ts}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002287
IL-10 KO	*B6.129P2-Il10^{tm1Cgn}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002251
IL-10Ra Flox	*B6(SJL)-Il10ra$^{tm1.1Tlg}$/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/028146
IL12A KO	*B6.129S1-Il12a^{tm1Jm}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002692
IL-17R	*IL17R KO*	-	Homozigoto x Homozigoto	http://transgenose.cnrs-orleans.fr/eng/taam/lignees/caracLignees.php?l=1346#top https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6418416/
IL-1Ra KO	*B6.129S-Il1rn^{tm1Dih}/J*	-	Heterozygote x Heterozygote	https://www.jax.org/strain/004754
IL1R-loxP	*B6.129(Cg)-Il1r1$^{tm1.1Rbl}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/028398
IL-22 KO	*B6.Cg-Il22^{tm1Jcrd}*	-	Homozigoto x Homozigoto	CNRS-CDTA Kreymborg K, Etzensperger R, Dumoutier L, Haak S, Rebollo A, Buch T, Heppner FL, Renauld JC, Becher B. IL-22 is expressed by Th17 cells in an IL-23-dependent fashion, but not required for the development of autoimmune encephalomyelitis. *J Immunol* 2007;179:8098–8104. https://pubmed.ncbi.nlm.nih.gov/18056351/
IL-23 KO	*Il23a/p19*	-	Homozigoto x Homozigoto	CNRS-CDTA Ghilardi N, Kljavin N, Chen Q, Lucas S, Gurney AL, De Sauvage FJ. Compromised humoral and delayed-type hypersensitivity responses in IL-23-deficient mice. J Immunol. 2004 Mar 1; 172(5):2827-33. https://pubmed.ncbi.nlm.nih.gov/14978083/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6050211/
IL-27R KO	*B6N.129P2-Il27ra^{tm1Mak}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/018078
IL-33 GFP	*C57BL/6.CBA- Il33^{tm1Snak}*	MTA	Homozigoto x Homozigoto	Oboki K, Ohno T, Kajiwara N, Arae K, Morita H, Ishii A, Nambu A, Abe T, Kiyonari H, Matsumoto K, Sudo K, Okumura K, Saito H, Nakae S. IL-33 is a crucial amplifier of innate rather than acquired immunity. Proc Natl Acad Sci U S A. 2010 Oct 26;107(43):18581-6.

				https://pubmed.ncbi.nlm.nih.gov/20937871/
IL-6 KO	*B6.129S2-Il6^{tm1Kopf}/J*	-	Homozigoto x Homozigoto	CNRS-CDTA https://www.jax.org/strain/002650
iNOS KO	*B6.129P2-Nos2^{tm1Lau}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002609
iPAF *(NLRC-4)*	*NLRC-4*	MTA	Homozigoto x Homozigoto	Lara-Tejero M, Sutterwala FS, Ogura Y, Grant EP, Bertin J, et al. (2006) Role of the caspase-1 inflam- masome in Salmonella typhimurium pathogenesis. J Exp Med 203: 1407–1412. https://doi.org/10. 1084/jem.20060206
IRF3 KO	*IRF3 KO*	MTA	Homozigoto x Homozigoto	CNRS-TAAM-UAR44 - France
IRF4	*B6.129S1-Irf4^{tm1Rdf}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/009380
K18-hACE2	*B6.Cg-Tg(K18-ACE2)2Prlmn/J*	-	Hemizygous x C57BL/6J Hemizygote x Noncarrie	https://www.jax.org/strain/034860
Ldha Flox	*B6(Cg)-Ldha$^{tm1c(EUCOMM)Wtsi}$/DatsJ*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/030112
Mavs KO	*B6;129-Mavs^{tm1Zjc}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/008634
MertK-KO	*Mertk-/- V2*	MTA	Homozigoto x Homozigoto	Yale University
MHC-II KO *(CD-4)*	*B6.129S2-Ciita^{tm1Ccum}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/003239
MIP-1α KO	*B6.129P2-Ccl3^{tm1Unc}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002687
MRP14 KO	*MRP14(S100A9)*	MTA	Homozigoto x Homozigoto	Mol Cell Biol. 2003 Feb;23(3):1034-43 https://www.ncbi.nlm.nih.gov/pubmed/?term=12529407
Ms4a3-Cre	*Ms4a3-Cre*	MTA	Fêmea Hemizigoto X Macho WT	https://www.sciencedirect.com/science/article/pii/S0092867419308979?via%3Dihub
Naip1	*Naip1*	MTA	Homozigoto x Homozigoto	Rauch I, Tenthorey JL, Nichols RD, Al Moussawi K, Kang JJ, Kang C, Kazmierczak BI, Vance RE. J Exp Med. 2016 May 2;213(5):657-65. https://pubmed.ncbi.nlm.nih.gov/27045008/
Naip2	*Naip2*	MTA	Homozigoto x Homozigoto	Rauch I, Tenthorey JL, Nichols RD, Al Moussawi K, Kang JJ, Kang C, Kazmierczak BI, Vance RE. J Exp Med. 2016 May 2;213(5):657-65. https://pubmed.ncbi.nlm.nih.gov/27045008/
Naip5	*Naip5*	MTA	Homozigoto x Homozigoto	Rauch I, Tenthorey JL, Nichols RD, Al Moussawi K, Kang JJ, Kang C, Kazmierczak BI, Vance RE. J Exp Med. 2016 May 2;213(5):657-65. https://pubmed.ncbi.nlm.nih.gov/27045008/
Nalp1 KO *(Nlrp1KO)*	*B6.129S6-Nlrp1b^{tm1Bhk}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/021301
NE-KO	*B6.129X1-Elane^{tm1Sds}/J*	-	Homozygote x Homozygote	https://www.jax.org/strain/006112
NFAT-1 KO	*NFAT1*	-	Homozigoto x Homozigoto	Prof. Anjana Rao, La Jolla Institute, San Diego, CA, EUA https://pubmed.ncbi.nlm.nih.gov/17637565/
Ninj 1	*Ninj 1*	MTA	Homozigoto x Homozigoto	https://www.nature.com/articles/s41586-021-03218-7

Nlrp3 *(Nalp3)*	*B6.129-Nlrp3^{tm1Hhf}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/017969
NOD	*NOD/ShiLtJ*	-	Irmão x irmã	https://www.jax.org/strain/001976
Nod-1	*NOD1*	MTA	Homozigoto x Homozigoto	https://www.ncbi.nlm.nih.gov/pubmed/?term=12796777
Nod-2	*NOD2*	MTA	Homozigoto x Homozigoto	https://www.ncbi.nlm.nih.gov/pubmed/?term=12796777
NOR	*NOR/LtJ*	-	Irmão x irmã	https://www.jax.org/strain/002050
Nrf2-flox	*C57BL/6-Nfe2l2$^{tm1.1Sred}$/SbisJ*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/025433
OT-II	*B6.Cg-Tg(TcraTcrb)425Cbn/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/004194
Pad4 Flox	*B6(Cg)-Padi4$^{tm1.2Kmow}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/026708
PC-G5-tdT *(GCamp)*	*B6;129S6-Polr2a$^{Tn(pb-CAG-GCaMP5g,-tdTomato)Tvrd}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/024477
PGC-1a flox	*B6N.129(FVB)-Ppargc1a$^{tm2.1Brsp}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/009666
PI3K-delta	*PI3K-delta-D910A-Kinase*		Homozigoto x Homozigoto	https://science.sciencemag.org/content/297/5583/1031
PI3Kγ-KO	*PI3Kgama*	-	Homozigoto x Homozigoto	Science. 2000 Feb 11;287(5455):1040-6 https://www.ncbi.nlm.nih.gov/pubmed/10669416
R26R-Confetti	*STOCK Gt(ROSA)26Sor$^{tm1(CAG-Brainbow2.1)Cle}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/013731
Rag1 KO	*B6.129S7-Rag1^{tm1Mom}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002216
Rip2	*Rip2*	MTA	Homozigoto x Homozigoto	https://www.ncbi.nlm.nih.gov/pubmed/11894098
Rip3	*Rip3*		Homozigoto x Homozigoto	https://www.ncbi.nlm.nih.gov/pubmed/19524512
ROSA26-FLPe	*B6.129S4-Gt(ROSA)26Sor$^{tm1(FLP1)Dym}$/RainJ*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/009086
SAMP8	*SAMP8/TaHsd*	-	Homozigoto x Homozigoto	https://www.envigo.com/model/samp8-tahsd
SAMR1	*SAMR1/TaHsd (control)*	-	Homozigoto x Homozigoto	https://www.inotivco.com/model/samr1-tahsd-control
SH KO	*B6.Cg-Kit^{W-sh}/HNihrJaeBsmGlliJ*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/012861
ST2 *(IL-33)*	*Balb/c.129P2-Il1rl1^{tm1Anjm}*	-		Brint E. K., D. Xu, H. Liu, A. Dunne, A. N. McKenzie, L. A. O'Neill, F. Y. Liew. 2004. ST2 is an inhibitor of interleukin 1 receptor and Toll-like receptor 4 signaling and maintains endotoxin tolerance. Nat. Immunol. 5: 373–379. https://pubmed.ncbi.nlm.nih.gov/15004556/
SWISS nude	*Swiss nude*	-	Homozigoto x Heterozigoto	Swiss nude and NSG mouse strains were purchased at Gustave Roussy (Villejuif, France) https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5852344/ https://animalab.eu/athymic-nude-mouse
TCR delta	*B6.129P2-Tcrd^{tm1Mom}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/002120
TLR-2 KO	*B6.129-Tlr2^{tm1Kir}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/004650
TLR-4 KO	*Toll-like receptor 4*	-	Homozigoto x Homozigoto	https://www.jimmunol.org/content/162/7/3749
TLR-9 KO	*Toll-like receptor 9*	-	Homozigoto x Homozigoto	https://www.ncbi.nlm.nih.gov/pubmed/?term=11130078

Tmem119-2A-CreERT2	*C57BL/6-Tmem119$^{em1(cre/ERT2)Gfng}$/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/031820
TNFR KO *(p55)*	*C57BL/6-Tnfrsf1a^{tm1Imx}/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/003242
TNF-R1R2 KO	*TNFR1/2*	-	Homozigoto x Homozigoto	CNRS-CDTA Rothe, J., W. Lesslauer, H. Lotscher, Y. Lang, P. Koebel, F. Kontgen, A. Althage, R. Zinkernagel, M. Steinmetz, H. Bluethmann. *1993*. Mice lacking the tumour necrosis factor receptor 1 are resistant to TNF-mediated toxicity but highly susceptible to infection by Listeria monocytogenes. *Nature 364*: *798*-802. *https://pubmed.ncbi.nlm.nih.gov/8395024/* Erickson, S. L., F. J. de Sauvage, K. Kikly, K. Carver-Moore, S. Pitts-Meek, N. Gillett, K. C. Sheehan, R. D. Schreiber, D. V. Goeddel, M. W. Moore. *1994*. Decreased sensitivity to tumour-necrosis factor but normal T-cell development in TNF receptor-2-deficient mice. *Nature 372*: *560*-563. https://pubmed.ncbi.nlm.nih.gov/7990930/
TrkB-Cre	*B6.129S6(Cg)-Ntrk2$^{tm3.1(cre/ERT2)Ddg}$/J*	-	Heterozigoto x Wild-type	https://www.jax.org/strain/027214
VE-Cre	*B6.FVB-Tg(Cdh5-cre)7Mlia/J*	-	Homozigoto x Homozigoto	https://www.jax.org/strain/006137

Atualizada: 21/02/24