

The quality of research animal models has a direct impact on what truly matters to you – your research. Biosecurity, international standardisation, animal welfare and model quality is basic for Charles River and The Jackson Laboratory to deliver you the highest quality and most reliable models. You may choose based on a lot of data collected out of thousands research publications.



*the most quality source of
animal models*



MOST POPULAR MICE MODELS

- C57BL/6J mouse (**JAX™**) inbred
- C57BL/6NCrI mouse **IGS** inbred
- BALB/c mouse **IGS**, BALB/cAnNCrI inbred
- CD-1® **IGS** mouse, CrI:CD1(ICR) outbred
- ApoE mouse (**JAX™**), B6.129P2-Apoe^{tm1Unc}/J inbred
- db/db mouse (**JAX™**), BKS.Cg-Dock7^{m+/+}Lepr^{db}/J inbred
- ob/ob mouse (**JAX™**), B6.Cg-Lep^{ob}/J inbred

MOST POPULAR RAT MODELS

- CD® (Sprague Dawley) **IGS** rat, CrI:CD(SD) outbred
- CD® (Sprague Dawley) **IGS** rat, SOPF, CrI:CD(SD) outbred
- Wistar HAN **IGS** rat, CrI:WI(Han) outbred
- Wistar **IGS** rat, CrI:WI outbred
- Zucker rat (obese), CrI:ZUC-Lepr^{fa} outbred
- ZDF rat (Obese fa/fa), ZDF-Lepr^{fa}/CrI outbred



OTHER SPECIES AVAILABLE FROM CHARLES RIVER

- Hartley Guinea Pig, CrI:HA
- LVG Golden Syrian Hamster, CrI:LVG(SYR)
- New Zealand White Rabbit - CR, CrI:KBL(NZW)
- Mongolian Gerbil, CrI:MON(Tum)



[Click for more animal models CRL and JAX →](#)

The Jackson Laboratory and Charles River, Inc. have a cooperative agreement to provide local supplies of JAX® Mice to biomedical researchers in Europe, Korea and Taiwan. Only JAX® Mice Strains bred by Charles River in Europe are equivalent in genetic quality to those bred by The Jackson Laboratory.

ONLY ORIGINAL „J” STRAINS DELIVERED FROM CRL OR JAX BREEDING FACILITIES ARE NOT GENETICALLY DRIFTED

„J” substrains differ from authentic JAX® Mice strains due to the genetic mutations which spontaneously occur and accumulate in mouse breeding colonies over time. To counteract the negative effects of genetic drift, JAX has implemented a breeding system that guarantees constant genetic monitoring of strains and their genetic stability.

[LEARN MORE →](#)

PATENTED GENETIC STABILITY PROGRAM, IN THE MOST POPULAR STRAINS OF JAX™ MICE

The JAX™ patented Genetic Stability Program (GSP) effectively prevents cumulative genetic drift, including that caused by copy number variation. It effectively limits cumulative genetic drift by refreshing The Jackson Laboratory's foundation stocks with cryopreserved pedigree embryos or gametes approximately every five generations.

[LEARN MORE →](#)



IGS – INTERNATIONAL GENETIC STANDARDIZATION OF CRL ANIMALS

Charles River's unique International Genetic Standardization program is available to manage the health and genetic inbred / outbred animal strains marked as IGS to ensure high quality and uniformity, regardless of where they are bred.

For outbred stocks, the IGS program ensures minimal inbreeding, heterozygosity and management of genetic drift across colonies across CRL breeding facilities worldwide. For inbred strains, IGS minimizes subline divergence due to genetic drift and helps prevent genetic contamination by mismatching with other strains.

[LEARN MORE →](#)

HEALTH STATUS: SPF, SOPF, VAF/PLUS®, VAF/ELITE®

Charles River is committed to providing you with high-quality genetically standardized models such as SPF (Specific Pathogen Free) and SOPF (Specific and Opportunistic Pathogen Free) animals which are free of select infectious agents and parasites. The terms SPF and SOPF are more commonly used in continental Europe while, VAF Plus and VAF Elite are more recognizable in the UK and North America. **On Charles River and JAX® websites you may check breeding room health status from where you order animals.**

QUALITY MANAGEMENT & AAALAC ACCREDITATION

Charles River, Research Models and Services Germany (Sulzfeld), Italy (Calco) and UK (Margate) are certified ISO 9001 and have received accreditation of their animal care and use programmes from the Association for the Assessment and Accreditation of Laboratory Animal Care.



ANIMALAB TRANSPORTATION SERVICE – ANIMAL DELIVERY DOOR-TO-DOOR

Contact us to organise animal transportation from Charles River or JAX to your breeding facility.