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ENVIGO

Research Models
and Services
Outbred Rats

LE (Long-Evans)

Origin

The Long-Evans rats were descendants of a cross between a captured wild male and several albino laboratory females, performed by Long and Evans in 1915.

HsdBlu:LE

From University of Rochester, Rochester, New York, to Blue Spruce Farms, Altamont, New York in 1964. To Harlan Laboratories, through acquisition in 1988. Harlan became Envigo in 2015.

Characteristics

Black-hooded rat, small size. The LE rat is usually used for behavioral, neurological, toxicological and aging studies.

Genetics

Coat color genes - *a*, *C*, *h* : black-hooded

Other genes are variable (outbred stock).

References

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3. Kinzey WG (1969) The effect of protein deficiency on uterine sensitivity in the pseudopregnant rat. *Acta Endocrinologica* 61, 232-238.
4. Kozma CK, Weisbroth SH, et al. (1969) Normal biological values for Long-Evans rats. *Lab. Anim. Sci.* 19, 746.
5. Lee AK, Delellis RA, Blount M, Nunnenmacher G, Wolfe H (1982) Pituitary proliferative lesions in aging male Long-Evans rats. *Lab. Invest.* 47, 595-602.
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