

129S6 INBRED

Nomenclature: 129S6/SvEvTac

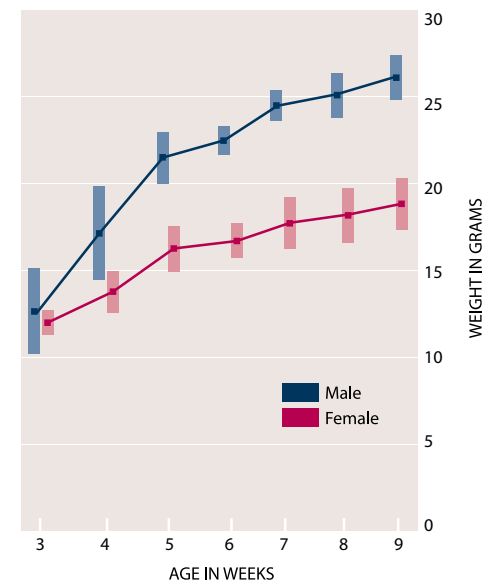
- Progenitors of this strain used extensively to establish Embryonic Stem (ES) cell lines (e.g., W4) for the production of targeted mutation (knockout) mice
- Targeted mutation mice developed from 129 agouti ES cell lines can often be maintained with maximum genomic homozygosity by mating chimeras to the 129S6 strain
- Taconic's 129 mice are of the Steel ('S') subline. See www.taconic.com for more information on the various 129 sublines

Origin: Taconic received 129S6 inbred model stock from GenPharm International from two sublines originating from Dr. Martin Evan's colony in 1992. The mice were derived by embryo transfer in 1993. The resulting offspring were heterozygous at Gpi1 for the 'a' and 'c' alleles. Homozygous Gpi1^c brother x sister mice were selected in the foundation colony at F8 and became the common ancestors for all subsequent Taconic breeders. The Taconic foundation colony was at F50 in 2009.

Color: White-Bellied Black Agouti **Coat Color Loci:** A^w

Genetics: *Immunology:* H2^b *Other:* Ptprc^b

| Model Number | Age (weeks) | Male | Female |
|--------------|-----------------------------|--------|----------------|
| 129SVE | 3 to 4 | €28.00 | €30.50 |
| | 5 to 6 | €31.80 | €33.60 |
| | 7 to 8 | €35.30 | €37.00 |
| | Female with litter (5 pups) | | €135.70 |
| | Untimed pregnant | | €107.50 |
| | Retired breeder | | €37.00 |
| | Animals over 8 weeks of age | | add €4.90/week |



T&SP

IM

TTX