

## Black 6 INBRED

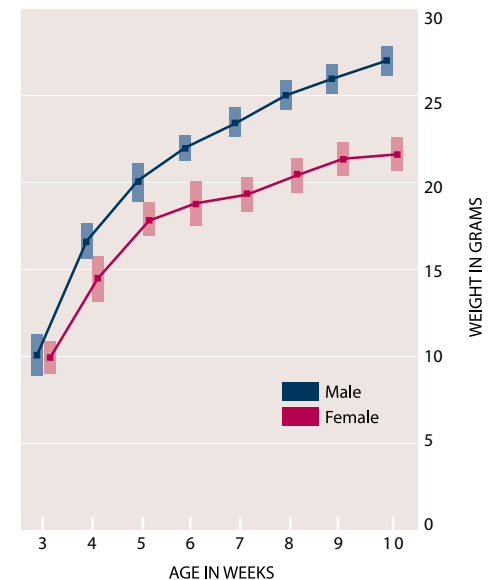
**Nomenclature:** C57BL/6NTac

- The most widely used inbred as the genetic background for transgenic and mutant mice
- Popular in research applications of oncology, immunology and toxicology
- Does not carry the *Nnt* mutation – please visit [www.taconic.com](http://www.taconic.com) for additional information

**Origin:** The Jackson Laboratory received the C57BL/6 inbred model from Hall in 1948. NIH received stock at F32 from Jackson Laboratory in 1951. Taconic received litters at F151 from the NIH Animal Genetic Resource in 1991. Taconic received new litters from the NIH Animal Genetic Resource in 1996. Taconic refreshed its stock in 2009 from 1992 cryopreserved embryos, the Foundation Colony was at F168 in 2009. SNP analysis with 1449 Single Nucleotide Polymorphism (SNP) marker panel showed no differences between this and the previous Foundation colony.

**Color:** Black **Coat Color Loci:** a

**Genetics:** *Immunology:* H2<sup>b</sup>, Ptprc<sup>b</sup>, Thy1<sup>b</sup>, H2-T18<sup>b</sup>, h



Model Number	Health	Age (weeks)	Male	Female
B6	Murine Pathogen Free™	3 to 4	€12.30	€12.80
		5 to 6	€12.90	€13.50
		7 to 8	€13.90	€14.40
		Female with litter (8 pups)		€101.10
		Untimed pregnant		€81.30
		Timed pregnant		€124.10
		Retired breeder		€14.40
		Animals over 8 weeks of age		add €1.90/week

Model Number	Health	Age (weeks)	Male	Female
B6	Restricted Flora™	3 to 4	€14.80	€15.40
		5 to 6	€15.50	€16.20
		7 to 8	€16.70	€17.30
		Female with litter (8 pups)		€121.30
		Untimed pregnant		€97.60
		Timed pregnant		€149.00
		Retired breeder		€17.30
		Animals over 8 weeks of age		add €2.30/week



TSSP

IM

TTX