SR

Origin
John P. Rapp, Medical College, Ohio, from a Sprague-Dawley outbred colony developed by LK Dahl, Brookhaven National Laboratories, Upton, New York, selected for resistance to salt-induced hypertension (Dahl et al, 1962).

SR/JrHsd

Characteristics
Hypertension and vascular and renal lesions do not develop on a high salt (8% NaCl) diet. Mild hydronephrosis at four months of age that is probably genetically determined (Rapp and Dene, 1985). Has mutant form of cytochrome P450(11-beta) (Matsukawa et al, 1993).

Characteristics of the SR strain have been described by Greenhouse et al (1990).

Genetics
Coat color genes - c: albino.

References