

Table 7. Other genetic abnormalities that display an epididymal phenotype

Gene of Interest	Phenotype	Reference
Cystic fibrosis transmembrane conductance regulator (CFTR)	Congenital bilateral absence of vas deference in some cases. cAMP-regulated chloride conductance channels lacking in epididymis	Leung et al., 1996; Patrizio and Salameh, 1998
Sex-reversed XXSxr mice	Initial segment is lacking. Aterial supply to initial segment is less prominent. Absence of microvascular network, and small caliber septal arteries	Le Barr and Blecher, 1986; Le Barr et al. 1986; Le Barr and Blecher, 1987; Wilkinson et al., 1988; Le Barr et al., 1991 ; Griffin and Blecher, 1994
Spastic, mocha, bouncy, stubby, tw32, achondroplasia	Epididymal regional differences in absolute protein synthesis in each genotype. Low fertility in all male genotypes	Holland and Orgebin-Crist, 1988b
Juvenile visceral steatosis	Carnitine deficiency in epididymis. Thinning and eventual rupture of proximal tubule leading to azoospermia and inflammatory infiltrates	Toshimori et al., 1999
SHP-1 viable motheaten (<i>me^v</i>)	Failure of initial segment to develop. Male mice are infertile	Keilhack et al., 2001

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References

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