

Supplement

Fig. 1 Computer-assisted analysis of sperm motility. The parameters of wild-type (+/+), heterozygous (+/-) and homozygous (-/-) Odf1-deficient spermatozoa are shown. Sperm velocities ($\mu\text{m}/\text{sec}$), straightness of the movement (percent), lateral amplitude of the sperm head (μm), and beat frequency (Hz) were measured. For all measurements the median, and the percentiles (25%-75% and 5%-95%) are shown. Homozygous Odf1-deficient spermatozoa exhibit significantly reduced velocities and ALH and an increased BCF and STR compared to wild-type. Velocities and amplitude of the lateral head displacement of heterozygous spermatozoa demonstrated the middle values between wild-type and homozygous spermatozoa.

Supplement Fig. 1

