

Table S4 The distributions of genotypes in progeny from mating of $XY^{Uty(tm1)}$ male with $XX^{Utx(tm)}$ female mice¹

Parents		$XX^{Utx(tm)} \times XY^{Uty(tm1)}$				
Progeny	Genotype	$XY^{Uty(tm1)}$	$X^{Utx(tm)}Y^{Uty(tm1)}$	XX	$XX^{Utx(tm)}$	Total
	Number of pups	16	0	9	7	32
	Observed ratio	0.50	0.00	0.28	0.22	
	Expected ratio	0.25	0.25	0.25	0.25	

Reference

1. Welstead, G.G. et al. X-linked H3K27me3 demethylase Utx is required for embryonic development in a sex-specific manner. *Proc Natl Acad Sci U S A* **109**, 13004-13009 (2012).