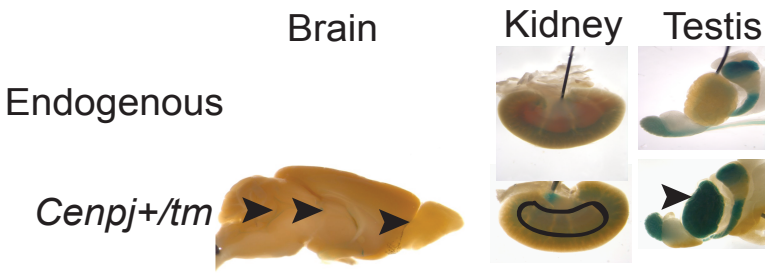


A



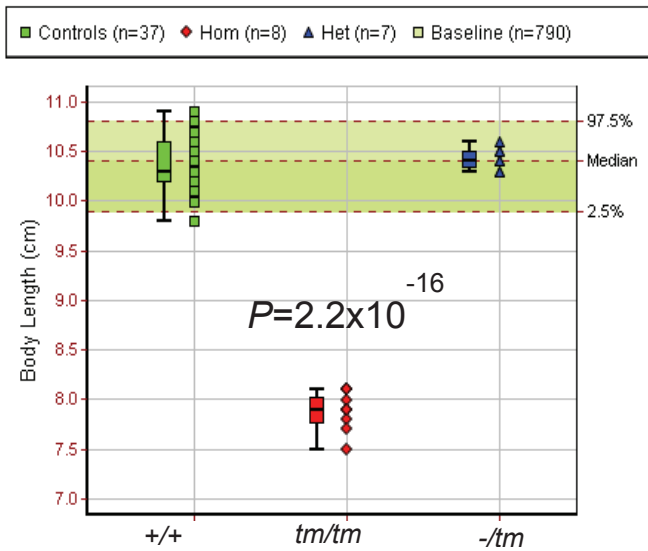
B

Exons spliced	Relative to wild-type (%)		Relative to wild-type exons one and two (%)	
	WT	<i>tm/tm</i>	WT	<i>tm/tm</i>
3 to 6	100±17	444±95	0.35±0.2	1.5±0.3
4 to 5	100±19	2.1±0.5	144±31	2.9±0.7
4 to 6	100±26	2.1±0.5	40±9	0.9±0.2

C

Truncated Cenpj (spliced Ex3-6)	MFLMPTSSELNSGQNFLTQWMTSPSRAGVILNRGFPPILEADDKQA ATNVSTSFPAKATHFSNSFSISSEEDSFHEEQKLEAGGPYKPWSE NPEAPPVFPVSRKEPIASRQDAPGCQEDNNNDLTPHLESEFKEVA NKNPLFKKLEQLKEIQKKQEQLKRQQLLEQLQRLMEEQEKLTMV SAQHAFPGPSKLLERSRHLRTT StopKSRSNWKSGLDRSSC
Truncated Cenpj (spliced Ex4-6)	MFLMPTSSELNSGQNFLTQWMTSPSRAGVILNRGFPPILEADDKQA ATNVSTSFPAKATHFSNSFSISSEEDSFHEEQKLEAGGPYKPWSE NPEAPPVFPVSRKEPIASRQDAPGCQEDNNNDLTPHLESEFKEVA NKNPLFKKLEQLKEIQKKQEQLKRQQLLEQLQRLMEEQEKLTMV SAQHAFPGTLLPDDQSQKHRSPGDLTLPPHSYSNPTQENSCASNV LPDEQSNFCRATQDSVLTSKNASDLFYESQYQEAHVKRNDLKEES PAHPSPGPSKLLERSRHLRTT StopKSRSNWKSGLDRSSC

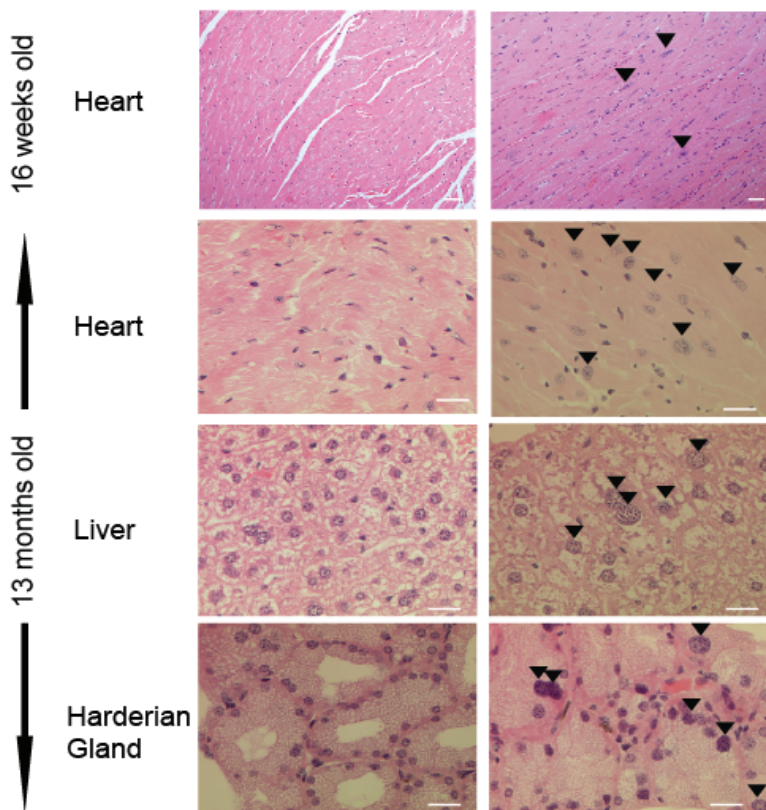
D



F

Karyotype	% of metaphases (n=20)	
	<i>Cenpj+/+</i>	<i>Cenpj</i>
2N	80	25
2N+numerical	10	10
2N+structural	5	0
4N	5	40
4N+numerical	0	15
4N+structural	0	5
>8N	0	5

E



G

