Genetic interaction between Sox10 and Zfhx1b during enteric nervous system development.

Laure Stanchina, Tom van de Putte, Michel Goossens, Danny Huylebroeck, Nadège Bondurand

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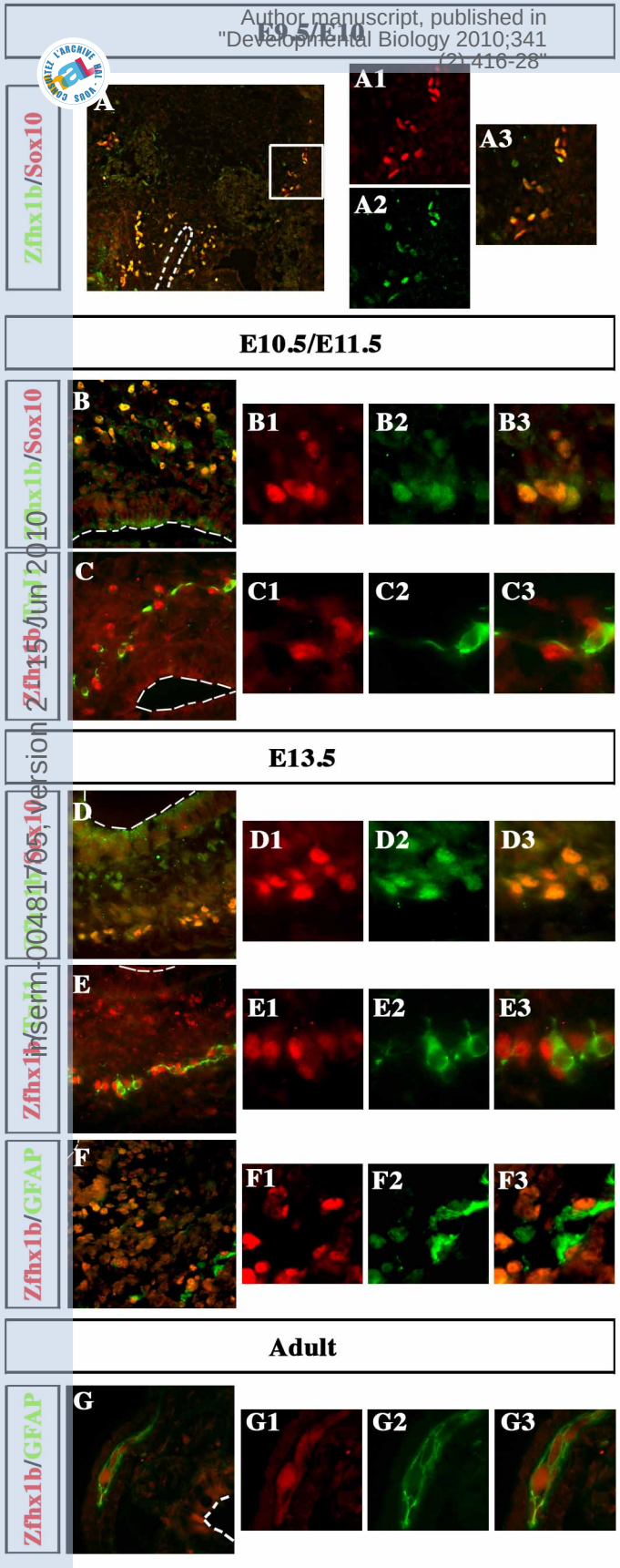

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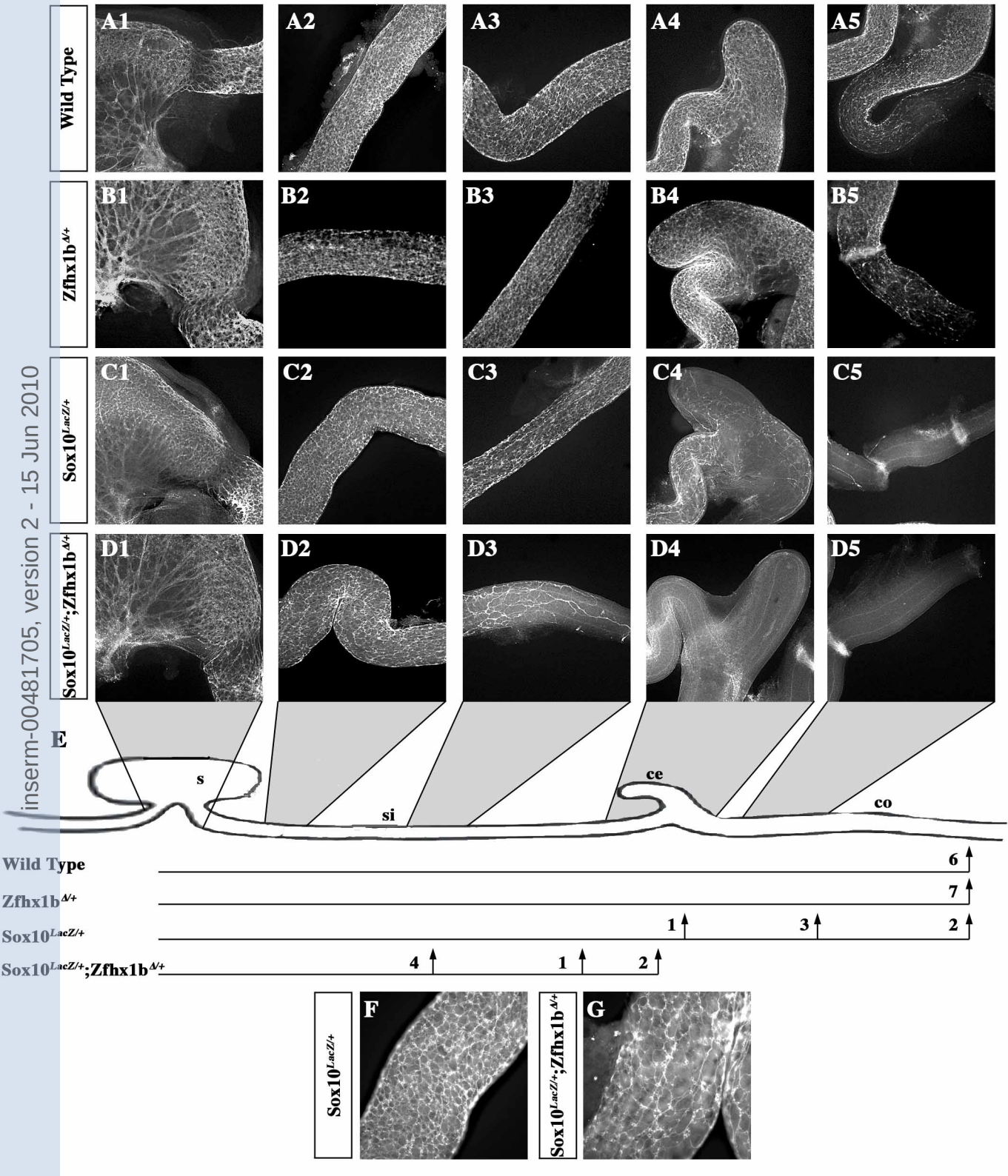

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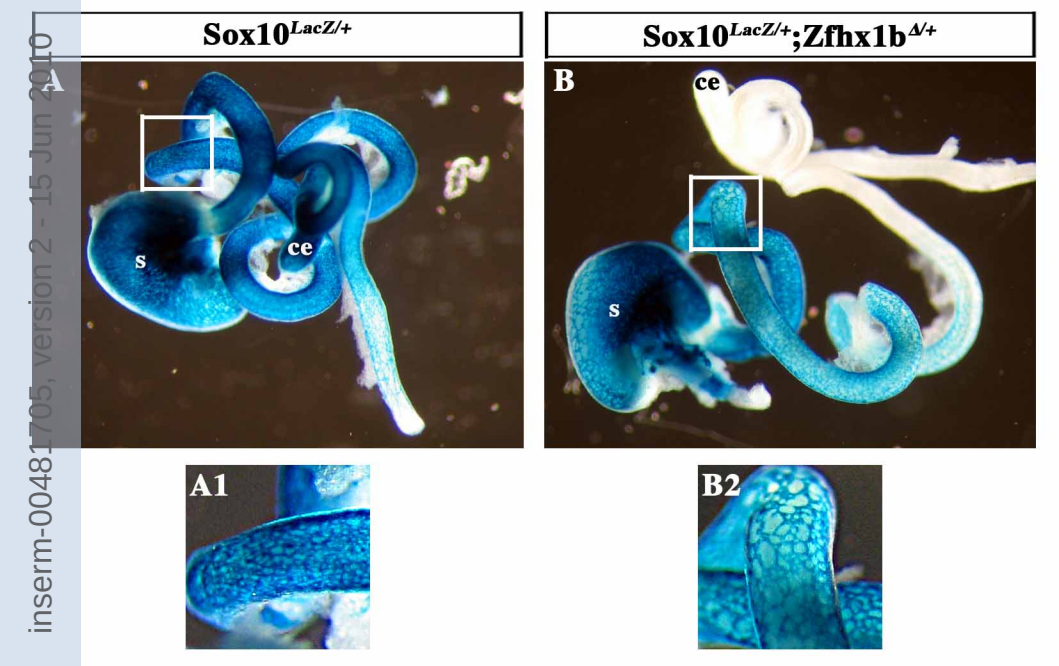

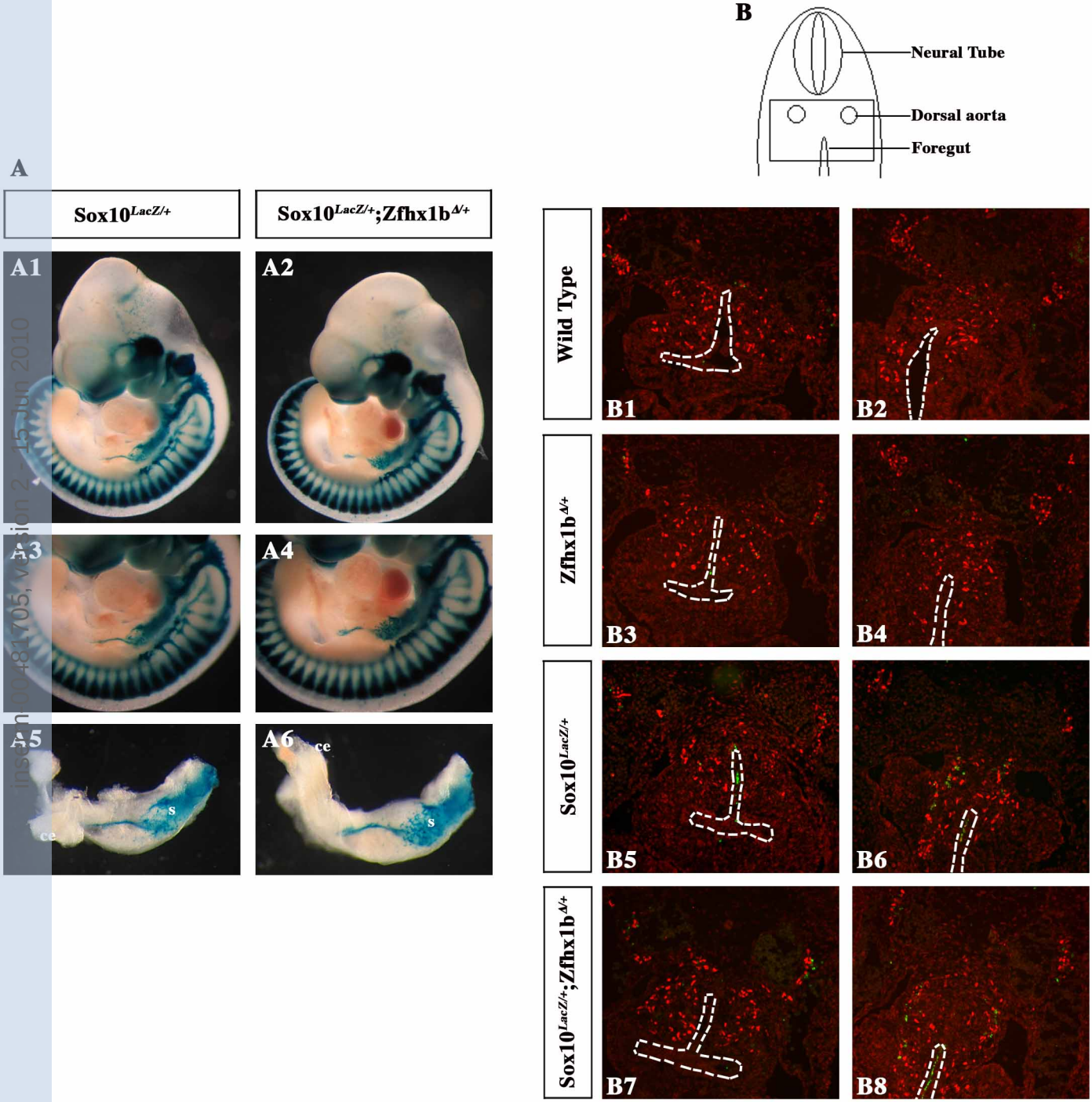

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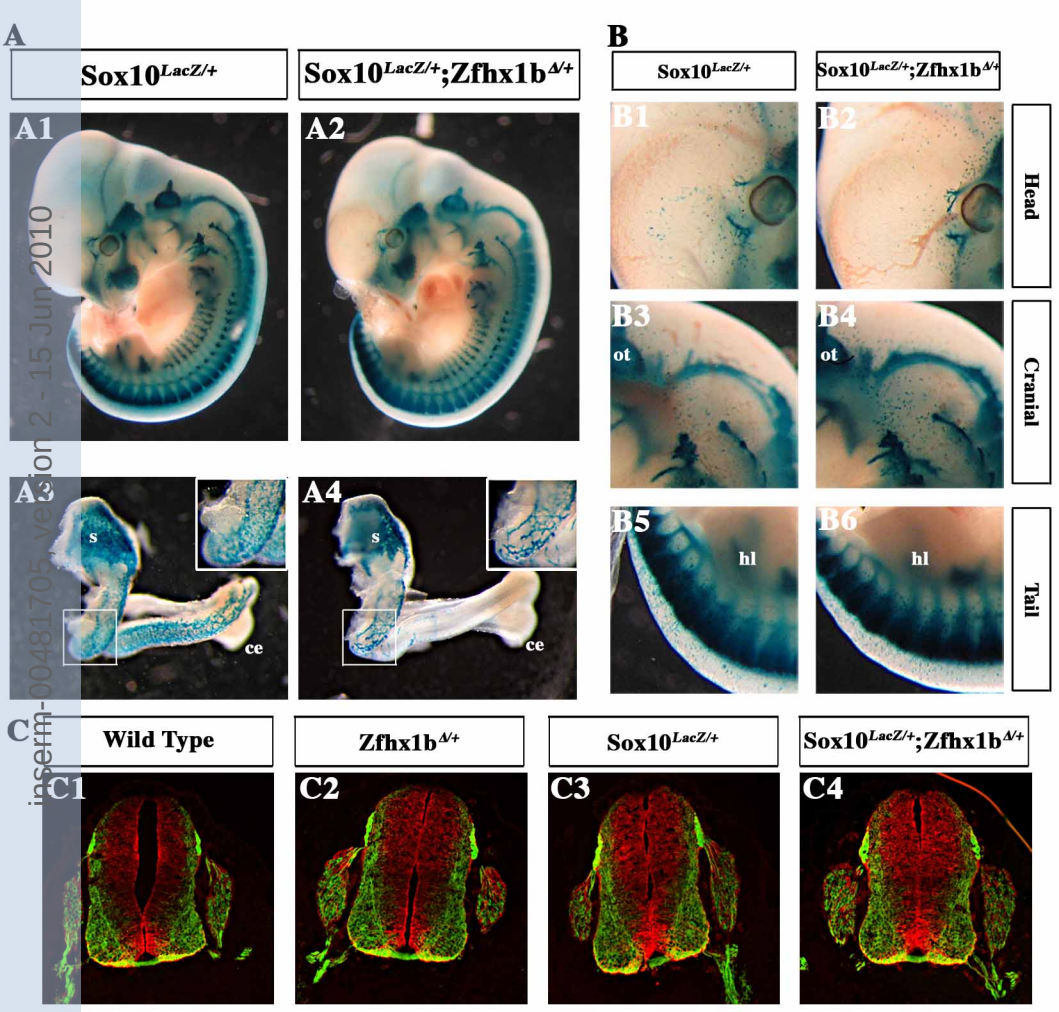

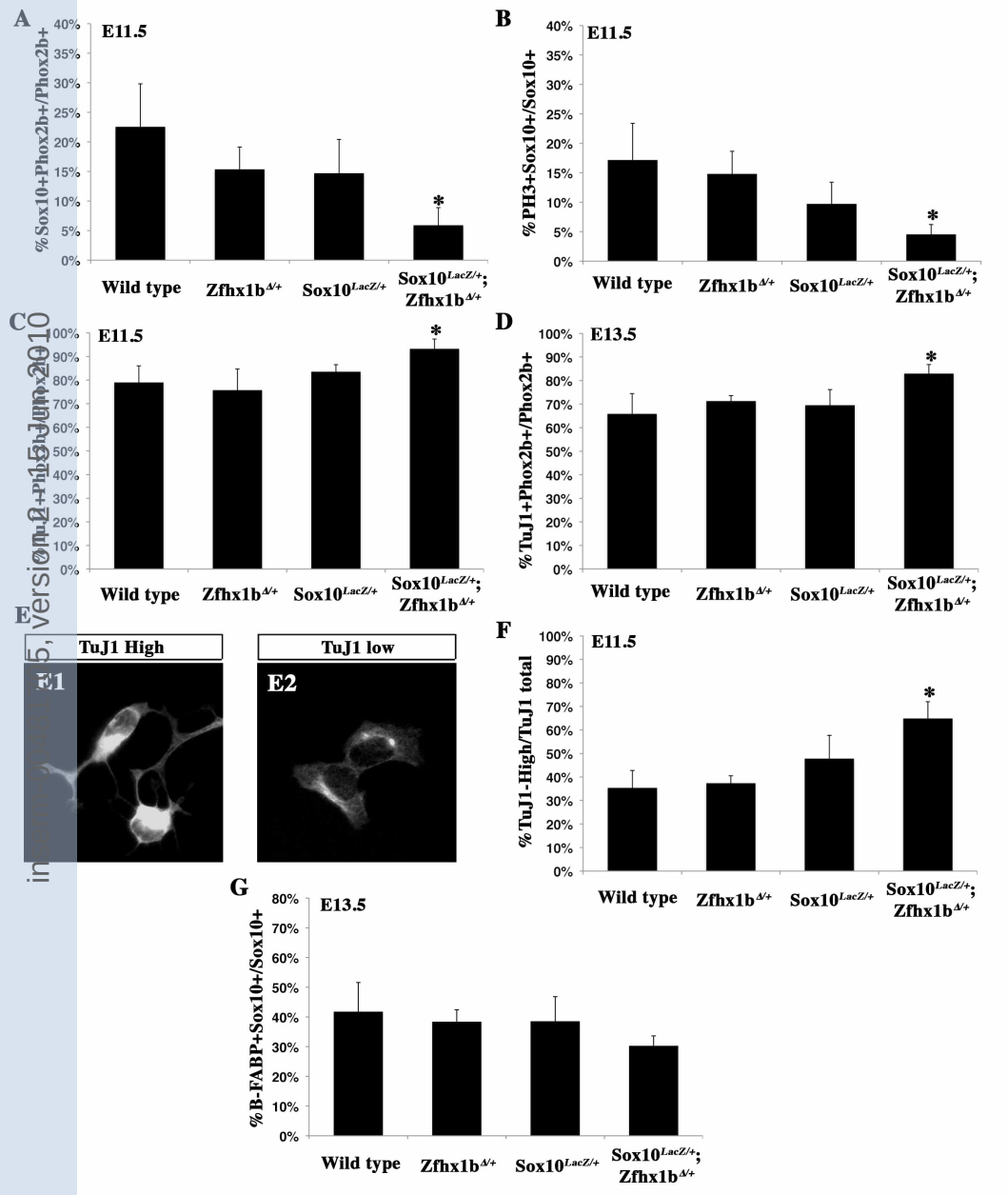

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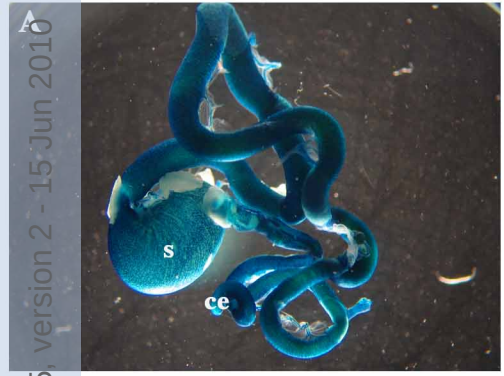
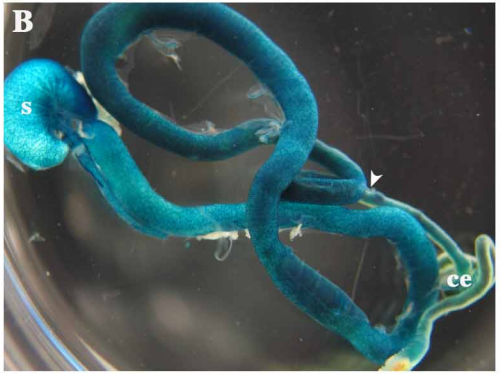
Sox10$^{LacZ/+}$

Sox10$^{LacZ/+}$;Zfhx1b$^{\Delta/+}$





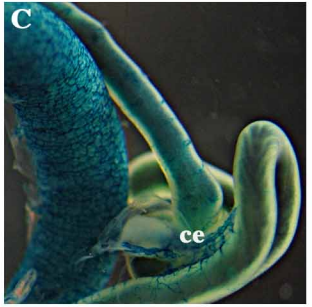


Table 1: Genotypes distribution and viability analysis of animals resulting from $Sox10^{LacZ/+}$ and $Zfhx1b^{\Delta/+}$ crosses.

Genotypes	Number of animals genotyped	Number of animals dead between P0 and 4 weeks	Number of animals dead between 4 and 6 weeks	% of mortality over total period
$Sox10^{+/+}$;$Zfhx1b^{+/+}$	14	0	0	0%
$Sox10^{LacZ/+}$;$Zfhx1b^{+/+}$	13	1	0	8%
$Sox10^{+/+}$;$Zfhx1b^{\Delta/+}$	10	0	0	0%
$Sox10^{LacZ/+}$;$Zfhx1b^{\Delta/+}$	10	7	3	100%

Pups mortality was quantified by identifying all animals post mortem or at weaning (number of animals genotyped) and counting the number of animals dead between P0 and 4 weeks or P0 and 6 weeks.

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