**S1 Table: Endothelial specific or full deletion of exons 11-12 of the mouse *Rasa3* gene during embryonic life results in embryonic death.** Newborns were genotyped 21 days after bird by PCR.

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| --- | --- | --- | --- |
| **Couple (♂ x ♀):** | **Newborns genotype** | **Observed number (%)** | **Expected %** |
| *R3*∆/+ x *R3*∆/+ | ***R3*+/+** | 36/115 (**31.3**) | 25 |
| ***R3*∆/+** | 79/115 (**68.7**) | 50 |
| ***R3*∆/∆** | 0/115 (**0**)\*\*\* | 25 |
| *R3*f/+ PF4-Cre x *R3*f/f | ***R3*f/f** | 21/98 (**21.43**) | 25 |
| ***R3*f/+** | 27/98 (**27.55**) | 25 |
| ***R3*f/+ PF4-Cre** | 26/98 (**26.53**) | 25 |
| ***R3*f/f PF4-Cre** | 24/98 (**24.48**) | 25 |
| *R3*f/f iEC-Cre x *R3*f/f **\*** | ***R3*f/f** | 41/41 (**100**) | 50 |
| ***R3*f/f iEC-Cre** | 0/41 (**0**)\*\*\* | 50 |

\* Plugged *R3*f/f females were ip injected with 5 mg of tamoxifen at E8.5, E9.5 and E10.5. Statistics (Student’s t-test): \*\*\*: P<0.001.