

Embryonic day	Normal implants	Abnormal implants	Total	Abnormal/total
E6.5	17	5 ^A	22	0.227
E10	7	2 ^B	9	0.222
E12	5	2 ^B	7	0.286

^A Grossly malformed embryos, DGCR8 knockout genotype confirmed by PCR

^B Uterine implants with no evidence of an embryo

Supplemental Table 2. Ratio of abnormal implants from DGCR8 wt/ Δ \times wt/ Δ crosses at different time points in embryonic development. Observed ratios of abnormal to total implants are very close to expected frequency of 0.25 for Δ/Δ embryos. At E6.5 malformed embryos were identified within implants and confirmed as DGCR8 homozygous knockouts by PCR genotyping. No embryonic tissue was identifiable at later time points suggesting early lethality followed by resorption.