

Table S1

Sensitivity and specificity of hydronephrosis detection in E18.5 *Robo2* mouse embryos by micro-ultrasonography

		Histology (standard)	
		Hydronephrosis (Positive)	Normal (Negative)
Ultrasound (test outcome)	Hydronephrosis (Positive)	11 (true positive)	2 (false positive)
	Normal & Not detected (Negative)	2 (false negative)	14 (true negative)

Four pregnant *Robo2*^{del5/flox} mice at E18.5 gestation were subjected to ultrasound scanning to detect antenatal hydronephrosis in E18.5 embryos. The embryos were then dissected and analyzed by histology. 27 embryos were detected by ultrasonography while actual 29 embryos were found with dissection.