

Allele	Timepoint	+/+	+/ Δ	Δ/Δ
$\Delta 11$	P1	12 (29%)	29 (71%)	0 (0%)
$\Delta 11$	E18.5	31 (21%)	82 (55%)	37 (25%)
$\Delta 10$	P1	14 (45%)	17 (55%)	0 (0%)
$\Delta 10$	E18.5	13 (22%)	32 (53%)	15 (25%)

Supplemental Table S1. Observed frequencies of genotypes present in the early postnatal period (P1) or at late gestation (E18.5) resulting from heterozygous intercrosses of *Dis3l2*^{+/ $\Delta 11$} or *Dis3l2*^{+/ $\Delta 10$} mice.

Genotype	Bladder Distension	Hydro-ureter	Hydro-nephrosis
<i>Dis3l2</i> ^{Δ11/Δ11}	11/11 (100%)	7/10 (70%)	10/11 (91%)
<i>Dis3l2</i> ^{Δ10/Δ10}	11/11 (100%)	9/11 (82%)	5/11 (45%)

Supplemental Table S2. Penetrance of GU abnormalities in E18.5 *Dis3l2*^{Δ11/Δ11} or *Dis3l2*^{Δ10/Δ10} mice.