

**Supplementary Table 1:** Progeny from NS mutant breeding

	WT	Heterozygote	Litter size (Average $\pm$ SEM)
<i>Ptpn11</i> <sup>D61G/+</sup> x WT	158	71	4.3 $\pm$ 0.2
<i>Ptpn11</i> <sup>N308D/+</sup> x WT	501	181	5.7 $\pm$ 0.2