

## Supplementary File 1

Table with the values for the graphs in Figure 7: Key spindle and cell features in neural progenitors are not altered by 30 pM nocodazole.

	Spindle area ( $\mu\text{m}^2$ )		Normalized fluorescence intensity	
	Tis21::GFP-	Tis21::GFP+	Tis21::GFP-	Tis21::GFP+
<b>no treatment</b>	38.44 $\pm$ 2.68	35.68 $\pm$ 1.40	0.72 $\pm$ 0.062	0.66 $\pm$ 0.046
<b>Control</b>	36.87 $\pm$ 1.69	36.56 $\pm$ 2.34	0.69 $\pm$ 0.064	0.67 $\pm$ 0.057
<b>Noc 30 pM</b>	35.17 $\pm$ 2.40	35.68 $\pm$ 2.53	0.70 $\pm$ 0.058	0.68 $\pm$ 0.050
	Normalized standard deviation of fluorescence intensity		Cell diameter ( $\mu\text{m}$ )	
	Tis21::GFP-	Tis21::GFP+	Tis21::GFP-	Tis21::GFP+
<b>no treatment</b>	0.62 $\pm$ 0.025	0.61 $\pm$ 0.029	6.69 $\pm$ 0.37	7.10 $\pm$ 0.29
<b>Control</b>	0.61 $\pm$ 0.043	0.63 $\pm$ 0.030	8.12 $\pm$ 0.35	8.01 $\pm$ 0.62
<b>Noc 30 pM</b>	0.60 $\pm$ 0.037	0.58 $\pm$ 0.014	6.86 $\pm$ 0.48	7.79 $\pm$ 0.69

Values are given as mean $\pm$ SEM.