|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **ct9E** | *ct8E* |
| **Hindgut** | Cells analysed | 1268 | 1772 |
|  | EdU labelling (%) | 38.2 ± 6.2 \* | 18.2 ± 1.2 |
|  | Mitotic index (%) | 2.5 ± 0.3 | 2.7 ± 0.4 |
|  |  |  |  |
| **Neural folds** | Cells analysed | 3704 | 4315 |
|  | EdU labelling (%) | 61.6 ± 2.5 | 50.7 ± 4.7 |
|  | Mitotic index (%) | 4.2 ± 0.5 | 3.5 ± 0.5 |

**Table S3. Analysis of cellular proliferation rate in embryos of the *ct9E* and *ct8E* sub-strains.** The proportion of cells labelled with EdU (following 90 minute treatment) and the mitotic index (based visual inspection of phospho-histone H3 positive cells) was determined at the axial level of the closure point of the neural folds in *ct9E* (n = 6) and *ct8E* (n = 5) embryos at E10.5 (mean number of somites = 28.5 ± 0.8 and 27.6 ± 0.5, respectively). The EdU labelling index in the hindgut was significantly higher in *ct9E* than in *ct8E* embryos (\* p < 0.02). There was a trend towards increased EdU labelling in the neural folds of *ct9E* embryos, but this did not reach statistical significance (p = 0.06).