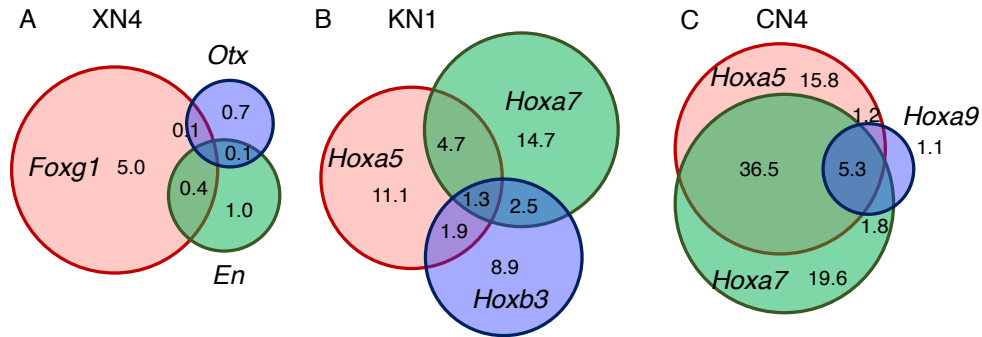


Supplementary Figure S2



**Supplementary Figure S2. Statistics of cell fractions with transcript capture rates of single and multiple genes involved in the anteroposterior specification of the CNS primordia.** **A.** XN4 cell fractions expressing *Foxg1*, *Otx* genes, and *En* genes. As the transcript capture rates of *Otx2* and *En2* were very low, the transcript captures for *Otx2* or *Otx1* were combined as events for *Otx* capture. Similarly, *En2* or *En1* transcript captures were combined as *En* capturing to improve statistical significance. **B.** Analysis of *Hoxb3*, *Hoxa5*, and *Hoxa7* gene transcripts in KN1 cells. **C.** Analysis of *Hoxa5*, *Hoxa7*, and *Hoxa9* gene transcripts in CN4 cells. Testing the model of the stochastic and independent expression of these TFs using these data, as shown in **Figure 8D**, resulted in the regression Line  $y = 1.132x$  with  $R^2 = 0.999$ .