***Supplementary Material***

**Gene Regulatory Network Analysis Reveals Differences in Site-specific Cell Fate Determination in Mammalian Brain**

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**Supplementary Data**

1. **Supplementary Figures and Tables**

## Suplementary Tables

The Supplementary-Tables.xlsx file includes seven tabs that have the data required to reproduce the work described in this study. First three tabs include boolean the Quartile Expression values of i) SGZ vs SGZ, ii) SGZ vs GCL, iii) SVZ vs OB. Tabs 4,5 and 6 are the gene regulatory interactions downloaded from Metacore describing SGZ vs SVZ, GCL vs 12CL (BG), OB vs 12CL (BG) respectively. These tables used to construct the networks in further analysis. Finally although it is not extensive, the “Genes Associated and Present” tab highlights some of thhe genes reported by our study and/or associated with neurogenesis earlier with their references.

## Suplementary Figures

The Supplementary-Figures includes three figures. Figure S1: SCC of the AR contextualized SGZ network, Figure S2: SCC of the AR contextualized SVZ network in degree sorted circle layout format and Figure S3: Methodology for determining candidate cell fate determinant pairs. This methodology is explained in methods in detail.

## Suplementary Networks

The Supplementary-Networks.cys consists of SGZ specific gene regulatory network and its SCC, SVZ specific gene regulatory network and its SCC, SGZ specific & AR contextualized gene regulatory network and SVZ specific & AR contextualized gene regulatory network.

1. **References[[1]](#footnote-1)**

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1. Provide the doi when available, and ALL complete author names. [↑](#footnote-ref-1)