

## Supplementary Information for:

### Network Analysis Implicates Alpha-Synuclein (*Snca*) in the Regulation of Ovariectomy-Induced Bone Loss

Gina Calabrese<sup>1</sup>, Larry D. Mesner<sup>1</sup>, Patricia L. Foley<sup>2</sup>, Clifford J. Rosen<sup>3</sup> and Charles R. Farber<sup>1,4</sup>

<sup>1</sup>Center for Public Health Genomics, University of Virginia, Charlottesville, Virginia 22908, USA

<sup>2</sup>Department of Microbiology and Immunology, Georgetown University, Washington, DC 20007, USA

<sup>3</sup>Maine Medical Center Research Institute, 81 Research Drive, Scarborough, Maine 04074, USA

<sup>4</sup>Departments of Public Health Science and Biochemistry and Molecular Genetics, University of Virginia, Charlottesville, Virginia 22908, USA

**Running Title:** *Snca* and bone loss

**Correspondence should be addressed to:**

Charles R. Farber

Center for Public Health Genomics

P.O. Box 800717

University of Virginia

Charlottesville, VA 22908

Tel: 434-243-8584

Fax: 434-982-1815

Email: [crf2s@virginia.edu](mailto:crf2s@virginia.edu)

# Supplemental Figure 1

Mean Expression of Module 13, 15, 17 and 25 genes across 96 mouse cell types and tissues

*Top 20 cell lines/tissues based on mean expression*

