Supplement Fig. 1. Comparison of iBAQ and FOT

Supplement Fig. 2. Repeatability of mass spectrometry analysis of each mouse brain regions

Supplement Fig. 3. Example of relative abundance comparison between iFOT and PRM result

Supplement Fig. 4. Example of comparison between iFOT and ISH

Supplement Fig. 5. Comparison of in-situ hybridization data of region-specific gene product from Allen Atlas website with current profiling data

Supplement Fig. 6. Proteome coverage of SNc and VTA region from wild type and Snca transgenic mouse

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Supplement Table 1. Full list of Brain Region Specific Gene Products

Supplement Table 2. Comparison of region specific outlier protein relative abundancy between current study with Sharma's (2015) report

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Supplemental Table 7-3. Detail of recovered gene protein products from 6 repeat of Olfactory regoin

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Supplemental Table 7-7. Detail of recovered gene protein products from 6 repeats of medial Thalamus

Supplemental Table 7-8. Detail of recovered gene protein products from 6 repeats of lateral Thalamus

Supplemental Table 7-9. Detail of recovered gene protein products from 6 repeats of Pallidum

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Supplemental Table 7-12. Detail of recovered gene protein products from 6 repeats of Cortex Subplate

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Supplemental Table 7-14. Detail of recovered gene protein products from 6 repeats of Midbrain

Supplemental Table 7-15. Detail of recovered gene protein products from 6 repeats of Pons

Supplemental Table 7-16. Detail of recovered gene protein products from 6 repeats of Retro-hippocampal region

Supplemental Table 7-17. Detail of recovered gene protein products from 6 repeats of medial Cerebellum

Supplemental Table 7-18. Detail of recovered gene protein products from 6 repeats of lateral Cerebellum

Supplemental Table 7-19. Detail of recovered gene protein products from 6 repeats of Medulla