

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Output from gene family expansion/contraction analysis for sexual size dimorphism, along with their corresponding statistical significance per gene family.

File Name: Supplementary Data 2

Description: Average gene expression levels of brain areas and other tissues for adults and fetuses.

File Name: Supplementary Data 3

Description: Entrez Gene ID to GO category per gene with foldchange results and p-values.

File Name: Supplementary Data 4

Description: List of species used in the analysis with phenotypical data, including sources.

File Name: Supplementary Data 5

Description: List of sequences with respective species used for the orthology mapping analysis and links to ftp with download code.

File Name: Supplementary Data 6

Description: Output from gene family expansion/contraction analysis including zero variance gene families for sexual size dimorphism.

File Name: Supplementary Data 7

Description: List of species with encephalization index used in this research, along with references.