**Supplementary Table II. Descriptive statistics of temporal gene expression in different developmental stages of the cerebellum, basal ganglia and frontal cortex.**

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| --- | --- | --- | --- |
| **Developmental stage** | **Cerebellum**  Mean [range]; SD | **Basal ganglia**  Mean [range]; SD | **Frontal Cortex**  Mean [range]; SD |
| S1 | 5.78 [-0.69, 8.50]; 3.03 | 4.57 [-0.82, 8.27]; 3.69 | 4.36 [-1.04, 8.21]; 3.87 |
| S2 | 6.07 [-0.2, 8.20]; 2.21 | 5.27 [-0.99, 8.54]; 3.30 | 4.95 [-1.21, 8.38]; 3.65 |
| S3 | 6.10 [1.60, 8.14]; 1.67 | 5.33 [-0.66, 7.93]; 2.98 | 5.83 [2.51, 8.11]; 1.82 |
| S4 | 6.27 [-0.34, 8.15]; 2.31 | 5.53 [-0.38, 8.09]; 3.03 | 6.31 [1.42, 8.32]; 1.87 |
| S5 | 5.96 [-0.36, 8.04]; 2.56 | 5.53 [-0.34, 7.83]; 2.40 | 5.7 [1.33, 7.91]; 1.82 |
| S6 | 6.45 [0.3, 7.69]; 2.17 | 5.66 [-0.30, 8]; 2.45 | 6.79 [5.73, 8.32]; 0.74 |
| S7 | 6.10 [-0.29, 8.09]; 2.53 | 6.26 [-0.55, 7.79]; 2.27 | 6.75 [5.66, 8.01]; 0.70 |

**Footnote.** Mean, range (minimum, maximum), and standard deviation (SD) of normalized (log10-transformed) gene expression data are given per each developmental stage in the cerebellum, basal ganglia, and frontal cortex. Values were calculated based on the means of individual expression data of the 12 DCD-associated genes. Gene expression data were available as reads per kilobase per million. Developmental stages: S1: 8-13 postconceptional weeks (pcw); S2: 16-21 pcw; S3: 24-37 pcw; S4: 0-1 year; S5: 2-4 years; S6: 8-13 years; S7: 15-19 years.