

# Download

## DOWNLOAD PAGE

The download page allows you access to supplementary data associated with the BrainSpan Atlas of the Developing Human Brain.

### Download

#### Developmental Transcriptome Dataset

Downloadable archive files containing normalized expression values and meta-data (as displayed in heatmap) for analysis:

[RNA-Seq Gencode v10 summarized to exons](#)  
[RNA-Seq Gencode v10 summarized to genes](#)  
[Exon microarray summarized to probe sets](#)  
[Exon microarray summarized to genes](#)

Archived data files containing normalized RPKM expression values employing a historical normalization method (available prior to October 2013):

[RNA-Seq Gencode v3c summarized to exons](#)  
[RNA-Seq Gencode v3c summarized to genes](#)

For detailed descriptions of current and historical normalization processes, see the technical white paper, [Developmental Transcriptome](#)

#### Prenatal LMD Microarray Dataset

Downloadable archive files containing normalized expression values for each brain and meta-data for analysis:

[H376.IIIA.02, male, 15 pcw](#)  
[H376.IIIB.02, female, 16 pcw](#)  
[H376.IV.02, female, 21 pcw](#)  
[H376.IV.03, female, 21pcw](#)

Download [XML](#) or [CSV](#) containing tissue sample meta-information and URL to download each of the raw LMD microarray files.

#### 3-D Fiber Tract and Developmental Transcriptome Sampling Annotation

3-D expert annotation of 22 major fiber tracts across 8 developmental stages accompanied by annotation of the Developmental Transcriptome survey sampling sites.

14 pcw annotation: [fiber tracts](#) , [structures](#)  
17 pcw annotation: [fiber tracts](#) , [structures](#)  
19 pcw annotation: [fiber tracts](#) , [structures](#)  
37 pcw annotation: [fiber tracts](#) , [structures](#)  
3 yrs annotation: [fiber tracts](#)  
8 yrs annotation: [fiber tracts](#)  
15 yrs annotation: [fiber tracts](#)  
32 yrs annotation: [fiber tracts](#)

#### Supplemental Data

[MRI/DTI data for prenatal specimens](#)  
[Methylation](#)  
[MicroRNA](#)  
[MRF bigWig Gencode v10](#)  
[MRF Gencode v3c](#)