

# Tissue overview, specified by diagnosis

Available brain areas:	Neurodegenerative disorders														Psychiatric disorders				Non-demented control tissue			
	AD		PiD/FTLD		VD		Other dem		PD/DLBD		PSP		MND's		MSA's		Schizo		Depri		CO	
	-80	FP	-80	FP	-80	FP	-80	FP	-80	FP	-80	FP	-80	FP	-80	FP	-80	FP	-80	FP	-80	FP
Frontal cortex	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Temporal cortex	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Hippocampus	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Red	Green
Parietal cortex	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Occipital cortex	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Insular cortex	Red	Green	Purple	Orange	Purple	Green	Red	Green	Purple	Yellow	Purple	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Purple	Green
Precentral gyrus	Green	Yellow	Orange	Orange	Orange	Yellow	Green	Yellow	Orange	Orange	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Yellow	Yellow
Postcentral gyrus	Purple	Orange	Purple	Orange	Purple	Orange	Purple	Orange	Purple	Orange	Purple	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Purple	Orange
Amygdala	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Green	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Cingulate gyrus	Green	Green	Orange	Orange	Orange	Green	Green	Green	Green	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Caudate	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Yellow	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Putamen	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Yellow	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Pallidum	Orange	Green	Red	Orange	Red	Green	Orange	Green	Orange	Yellow	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Yellow	Green
Nucleus accumbens	Orange	Red	Red	Orange	Red	Red	Orange	Red	Orange	Orange	Red	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Orange	Red
Thalamus	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Yellow	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Subthalamic nucleus	Red	Green	Red	Orange	Red	Green	Red	Green	Red	Yellow	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Red	Green
Hypothalamus	Green	Green	Orange	Orange	Orange	Green	Green	Green	Orange	Orange	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Red	Green
Substantia nigra	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Red	Orange	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Locus coeruleus	Green	Green	Orange	Orange	Orange	Green	Green	Green	Orange	Yellow	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Medulla oblongata	Green	Green	Orange	Orange	Orange	Green	Green	Green	Yellow	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Pons	Orange	Green	Red	Orange	Red	Green	Orange	Green	Yellow	Yellow	Red	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Red	Green
White matter	Green	Green	Orange	Orange	Orange	Green	Green	Green	Yellow	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Corpus callosum	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Purple	Yellow	Purple	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Purple	Orange
Cerebellum	Green	Green	Orange	Orange	Yellow	Green	Green	Green	Yellow	Yellow	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Yellow	Green
Vermis	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Purple	Orange	Red	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Orange	Orange
Mammillary body	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Red	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Red	Orange
Spinal cord (cervical)	Yellow	Green	Red	Orange	Orange	Green	Yellow	Green	Yellow	Green	Yellow	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Spinal cord (thoracic)	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Orange	Orange
Spinal cord (lumber)	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Red	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Orange	Orange
Pineal gland	Green	Orange	Orange	Red	Yellow	Orange	Green	Orange	Yellow	Orange	Yellow	Red	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Orange
Pituitary	Green	Orange	Orange	Red	Yellow	Orange	Green	Orange	Yellow	Orange	Yellow	Red	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Orange
Cerebral arteries	Orange	Purple	Purple	Purple	Purple	Purple	Orange	Purple	Purple	Purple	Purple	Purple	Purple	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Purple	Purple
Choroid plexus	Green	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	Green	Green	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Cerebrospinal fluid (1 ml)	Green	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	Green	Yellow	Green	Green	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Green
Blood plasma (1 ml)	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Orange	Orange
Dorsal root ganglia	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Green	Red
Meninges	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Purple	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Purple	Purple
Optic nerve	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Orange	Red
Olfactory bulb	Green	Yellow	Yellow	Orange	Red	Red	Red	Red	Red	Red	Orange	Orange	Orange	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Yellow	Orange

	MS	
	-80	FP
Active MS lesion	Orange	Orange
Chronic active MS lesion	Orange	Orange
Inactive MS lesion	Orange	Orange
Normal appearing white matter	Orange	Orange
Grey matter lesion	Orange	Orange
Choroid plexus	Orange	Purple
Spinal cord (cervical)	Orange	Orange
Spinal cord (thoracic)	Orange	Orange
Spinal cord (lumber)	Orange	Orange
Spinal cord (sacral)	Orange	Orange
Cerebrospinal fluid (1 ml)	Orange	Green
Blood plasma (1 ml)	Orange	Green
Dorsal root ganglia	Orange	Red
Meninges	Purple	Purple
Optic nerve	Orange	Orange

**Diagnosis:**

**AD = Alzheimer's disease**  
**contains:**  
 AD with congophilic angiopathy  
 AD with frontotemporal dementia  
 AD with Lewy bodies  
 AD with hippocampal sclerosis

**PiD/FTLD = Pick's disease/Frontotemporal dementia**  
**contains:**  
 Pick's disease  
 Frontotemporal dementias  
 Corticobasal degeneration

**VD = Vascular dementia**  
**contains:**  
 VD with Lewy bodies  
 VD with argyrophilic grains  
 Dementia with vascular encephalopathy

**Other dem = Other dementias**  
**contains:**  
 Non-Alzheimer dementia  
 Dementia with CVA  
 Dementia with Lewy bodies  
 Dementia with congophilic angiopathy

**PD/DLBD = Parkinson's disease/**  
**contains:**  
 PD with AD  
 PD with Lewy bodies  
 PD with Lewy bodies in the cortex (= DLBD)

**PSP = Progressive supranuclear palsy**

**MND's = Motor neuron diseases**  
**contains:**  
 Amyotrophic lateral sclerosis

**MSA's = Multiple system atrophies**

**Schizo = Schizophrenia**

**Depri = Depression**  
**contains:**  
 Bipolar disorder

**CO = Non-demented controls**  
**contains:**  
 Control with CVA  
 Control with ischemic changes  
 Control with vascular encephalopathy

**Legend:**

- Abundantly available ■
- Available ■
- Restrictedly available ■
- Scarcely available ■
- Scarcely available, due to low number of donors ■
- Can be dissected upon request ■

-80 = Frozen tissue, stored at -80 °C  
 FP = Formalin fixed, paraffin embedded tissue