

Supplementary Table SIV. The brain regions that correspond to these FDR-corrected UDIPs.

	Cortical_regions	Subcortical_regions
AD		
T1-44	Central Opercular Cortex, Frontal Operculum Cortex, Heschl's Gyrus (includes H1 and H2), Planum Polare, Inferior Frontal Gyrus, pars triangularis, Planum Temporale	Caudate
T1-77	Frontal Operculum Cortex, Occipital Fusiform Gyrus, Parahippocampal Gyrus, posterior division, Planum Polare	Pallidum
T2-6	Frontal Operculum Cortex, Parietal Operculum Cortex	Brain-Stem
T2-109	Heschl's Gyrus (includes H1 and H2), Middle Temporal Gyrus, temporooccipital part, Supracalcarine Cortex, Intracalcarine Cortex, Planum Polare	Accumbens
PD		
T1-44	Same as T1:44 in AD.	Same as T1-44 in AD
T1-123	Frontal Operculum Cortex, Insular Cortex, Middle Temporal Gyrus, anterior division	Caudate
T2-70	Heschl's Gyrus (includes H1 and H2), Parietal Operculum Cortex, Planum Temporale	Accumbens
T2-100	Middle Temporal Gyrus, temporooccipital part	Putamen, Pallidum
ALS		
T1-106	Frontal Operculum Cortex, Juxtapositional Lobule Cortex (formerly Supplementary Motor Cortex), Parahippocampal Gyrus, posterior division	Pallidum
T2-57	Inferior Temporal Gyrus, anterior division, Precuneous Cortex	Putamen
T2-128	Superior Temporal Gyrus, Insular Cortex	Lateral Ventricle
MS		
T1-1	Frontal Operculum Cortex, Parahippocampal Gyrus, anterior division, Temporal Fusiform Cortex, anterior division	Caudate
T1-9	Parahippocampal Gyrus, anterior division, Planum Polare, Temporal Fusiform Cortex, anterior division	Pallidum
T1-15	Parahippocampal Gyrus, anterior division	Amygdala
T1-26	Insular Cortex, Lateral Occipital Cortex, inferior division, Planum Polare, Planum Temporale	Putamen
T1-27	Parahippocampal Gyrus, posterior division, Planum Polare	Amygdala
T1-34	Inferior Temporal Gyrus, temporooccipital part, Frontal Operculum Cortex	Caudate
T1-42	Supracalcarine Cortex, Juxtapositional Lobule Cortex (formerly Supplementary Motor Cortex)	Pallidum
T1-44	Same as T1:44 in AD	Same as T1-44 in AD
T1-53	Frontal Operculum Cortex, Insular Cortex	NO
T1-56	Frontal Operculum Cortex, Subcallosal Cortex, Supracalcarine Cortex	Accumbens
T1-57	Frontal Operculum Cortex,	Pallidum
T1-77	Same as T1:77 in AD.	Same as T1-77 in

		AD.
T1-84	Subcallosal Cortex	Pallidum,Caudate
T1-86	Central Opercular Cortex , Frontal Operculum Cortex , Heschl's Gyrus (includes H1 and H2), Parietal Operculum Cortex	Pallidum,Amygdala
T1-95	Juxtapositional Lobule Cortex (formerly Supplementary Motor Cortex) , Parahippocampal Gyrus, posterior division	Caudate
T2-10	Intracalcarine Cortex	Pallidum, Accumbens, Thalamus
T2-41	Juxtapositional Lobule Cortex (formerly Supplementary Motor Cortex)	Putamen
T2-43	Precuneous Cortex	Brain-Stem
T2-46	Supracalcarine Cortex	Pallidum
T2-62	Cingulate Gyrus, anterior division, Heschl's Gyrus (includes H1 and H2), Intracalcarine Cortex	Brain-Stem
T2-83	Juxtapositional Lobule Cortex (formerly Supplementary Motor Cortex) , Cingulate Gyrus, posterior division , Middle Temporal Gyrus, temporooccipital part	Putamen, Pallidum
T2-90	Inferior Temporal Gyrus, anterior division, Middle Temporal Gyrus, anterior division	Pallidum
T2-93	Planum Polare, Supramarginal Gyrus, anterior division	Pallidum
T2-103	Cingulate Gyrus, posterior division, Heschl's Gyrus (includes H1 and H2), Planum Temporale	Pallidum
T2-118	Middle Temporal Gyrus, temporooccipital part	Putamen, Pallidum
T2-125	Intracalcarine Cortex, Parietal Operculum Cortex	Amygdala