































































































































## Abbreviations of the names of cortical areas

DLP		A10	area 10 of cortex	LIT		TPPro	temporopolar proisocortex
		A9	area 9 of cortex			STR	superior temporal rostral area (cortex)
		A46V	area 46 of cortex ventral part			TE1	temporal area TE1 (inferior temporal cortex)
		A46D	area 46 of cortex dorsal part			TPO	temporo-parieto-occipital association area (superior temporal polysensory cortex)
		A8aD	area 8a of cortex dorsal part			Rel	retroinsular area (cortex)
		A8b	area 8b of cortex			TE2	temporal area TE2 (inferior temporal cortex)
VLP		A8aV	area 8a of cortex ventral part		PGa-IPa	area PGa and IPa (fundus of superior temporal ventral area)	
		A47L	area 47 (old 12) of cortex lateral part		TPt	temporoparietal transitional area	
		A47M	area 47 (old 12) of cortex medial part		TE3	temporal area TE3 (inferior temporal cortex)	
		A45	area 45 of cortex		TEO	temporal area TE occipital part	
		A47O	area 47 (old 12) of cortex orbital part				
		ProM	proisocortical motor region (precentral opercular cortex)				
OFC		A11	area 11 of cortex	VTC		Pir	piriform cortex
		A13b	area 13b of cortex			Ent	entorhinal cortex
		A13a	area 13a of cortex			A36	area 36 of cortex
		A13L	area 13 of cortex lateral part			A35	area 35 of cortex
		A13M	area 13 of cortex medial part			TF	temporal area TF
		OPAI	orbital periallocortex			TL	temporal area TL
		OPro	orbital proisocortex			TH	temporal area TH
		Gu	gustatory cortex			TLO	temporal area TL occipital part
MPC		A32	area 32 of cortex	PCR		A23c	area 23c of cortex
		A32V	area 32 of cortex ventral part			A23a	area 23a of cortex
		A14R	area 14 of cortex rostral part			A29d	area 29d of cortex
		A14C	area 14 of cortex caudal part			A30	area 30 of cortex
		A25	area 25 of cortex			A23b	area 23b of cortex
		A24a	area 24a of cortex			A29a-c	area 29a-c of cortex
		A24b	area 24b of cortex			A23V	area 23 of cortex ventral part
		A24c	area 24c of cortex			ProSt	prostriate area
MPM		A24d	area 24d of cortex	PPC		PF	parietal area PF (cortex)
		A6DR	area 6 of cortex dorsorostral part			PE	parietal area PE
		A6Vb	area 6 of cortex ventral part b			PFG	parietal area PFG (cortex)
		A6Va	area 6 of cortex ventral part a			A31	area 31 of cortex
		A8C	area 8 of cortex caudal part			AIP	anterior intraparietal area of cortex
		A6M	area 6 of cortex medial (supplementary motor) part			PG	parietal area PG
		A6DC	area 6 of cortex dorsocaudal part			PEC	parietal area PE caudal part
INS		A4c	area 4 of cortex part c (primary motor)		VIP	ventral intraparietal area of cortex	
		A4ab	area 4 of cortex parts a and b (primary motor)		LIP	lateral intraparietal area of cortex	
		PalM	parainsular cortex medial part		PGM	parietal area PG medial part (cortex)	
		AI	agranular insular cortex		V6A	visual area 6A (posterior parietal medial area)	
		PalL	parainsular cortex lateral part		Opt	occipito-parietal transitional area of cortex	
		DI	dysgranular insular cortex		MIP	medial intraparietal area of cortex	
SSC		GI	granular insular cortex	VIS		MST	medial superior temporal area of cortex
		IPro	insular proisocortex			FST	fundus of superior temporal sulcus area of cortex
		TPro	temporal proisocortex			V5	visual area 5 (middle temporal area)
		S2PR	secondary somatosensory cortex parietal rostral area			V4T	visual area 4 transitional part (middle temporal crescent)
		A3a	area 3a of cortex (somatosensory)			A19M	area 19 of cortex medial part
		S2PV	secondary somatosensory cortex parietal ventral area			V3A	visual area 3A (dorsoanterior area)
		A3b	area 3b of cortex (somatosensory)			V4	visual area 4 (ventrolateral anterior area)
AUD		S2I	secondary somatosensory cortex internal part		V6	visual area 6 (dorsomedial area)	
		S2E	secondary somatosensory cortex external part		A19DI	area 19 of cortex dorsointermediate part	
		A1-2	areas 1 and 2 of cortex		V3	visual area 3 (ventrolateral posterior area)	
		AuRTL	auditory cortex rostrotemporal lateral area		V2	visual area 2	
		AuRT	auditory cortex rostrotemporal		V1	primary visual cortex	
		AuRPB	auditory cortex rostral parabelt				
		AuRTM	auditory cortex rostrotemporal medial area				
		AuR	auditory cortex rostral area				
		AuRM	auditory cortex rostromedial area				
		AuAL	auditory cortex anterolateral area				
	AuA1	auditory cortex primary area					
	AuCM	auditory cortex caudomedial area					
	AuCPB	auditory cortex caudal parabelt area					
	AuML	auditory cortex middle lateral area					
	AuCL	auditory cortex caudolateral area					

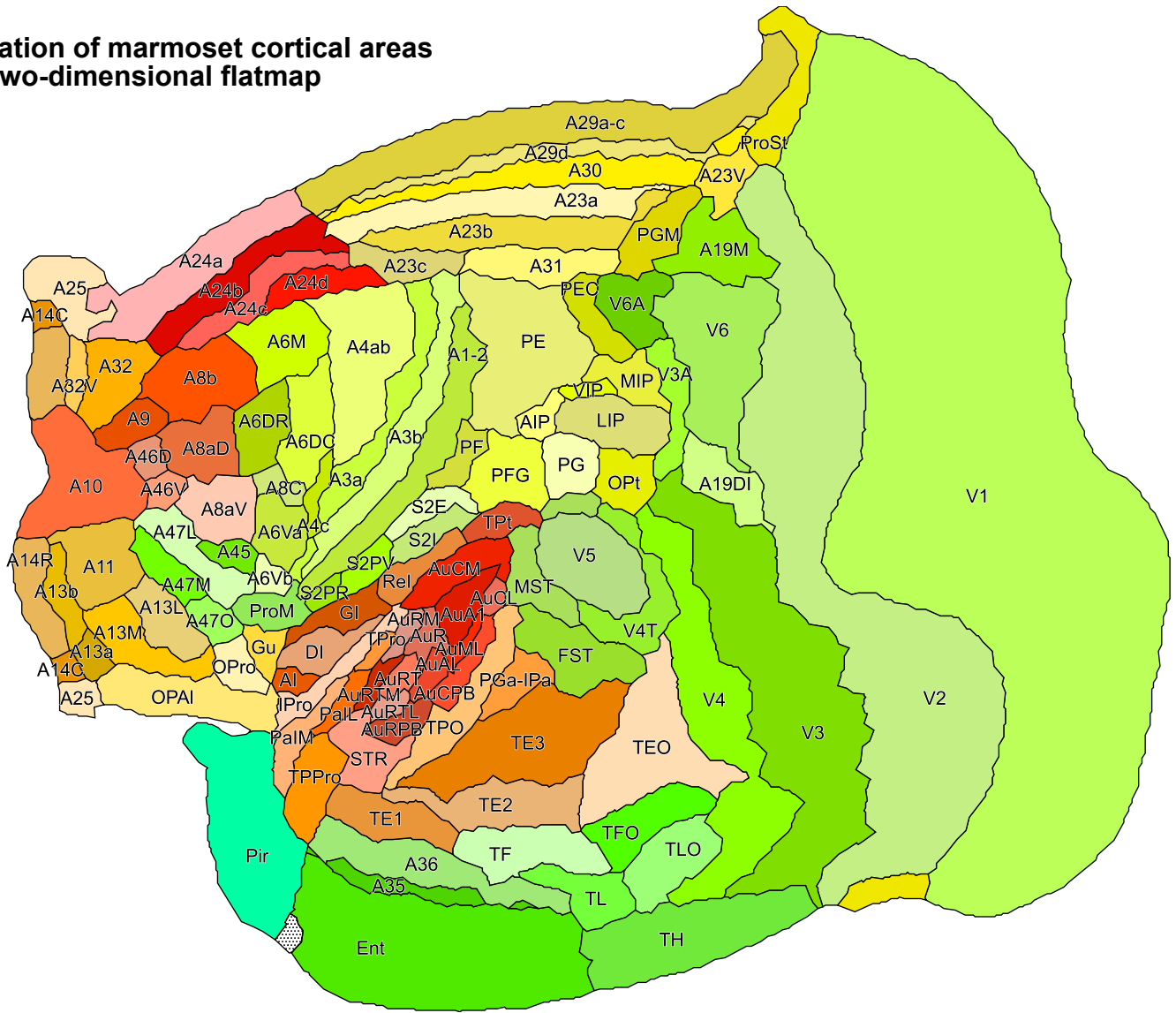
Abbreviations of individual areas follow the nomenclature proposed by Paxinos G, Watson C, Petrides M, Rosa M, Tokuno H. The marmoset brain in stereotaxic coordinates. Elsevier Academic Press; 2012.

## Abbreviations of the groups of cortical areas

	DLP	Dorsolateral prefrontal cortex
	VLP	Ventrolateral prefrontal cortex
	OFC	Orbitofrontal cortex
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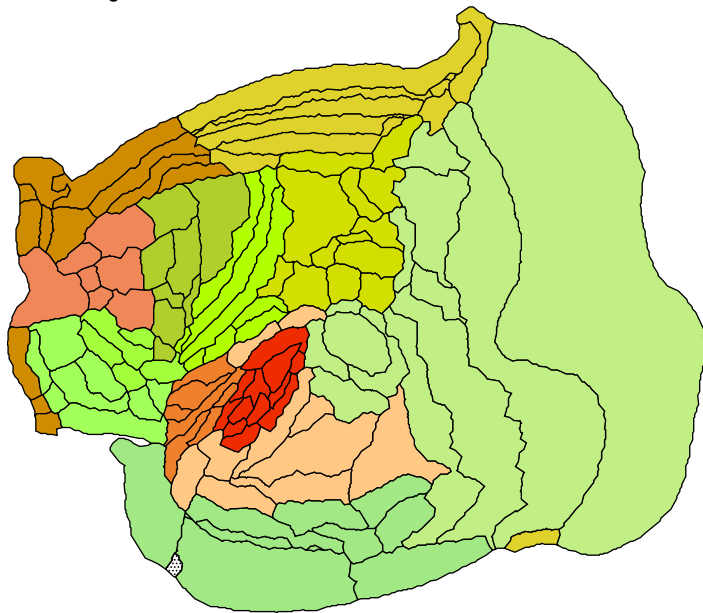
Adapted from Reser DH, Burman KJ, Yu H-H, Chaplin TA, Richardson KE, Worthy KH, Rosa MGP. Contrasting patterns of cortical input to architectural subdivisions of the area 8 complex: a retrograde tracing study in marmoset monkeys. Cereb Cortex. 2013;23: 1901-22. doi: 10.1093/cercor/bhs177.

## Location of marmoset cortical areas on two-dimensional flatmap



## Groups of cortical areas

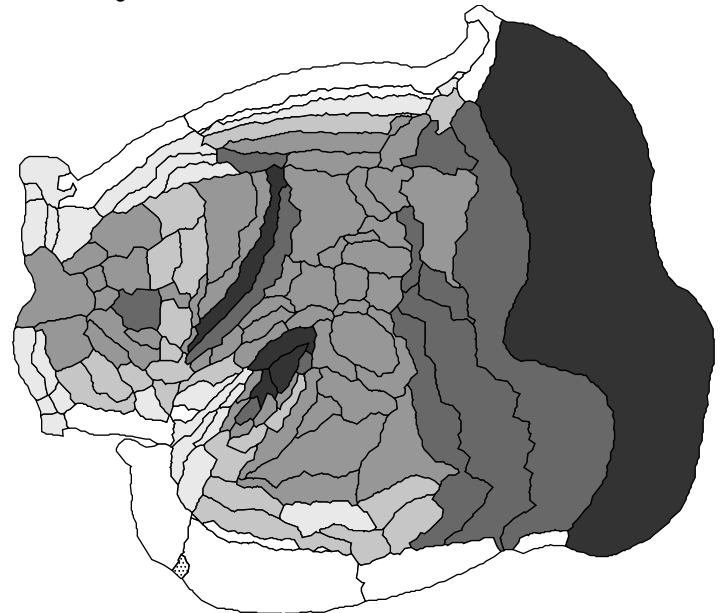
Related to figs. 3, 4, 6, and S5.



<span style="color: red;">■</span> DLP	<span style="color: orange;">■</span> MPC	<span style="color: yellow;">■</span> SSC	<span style="color: lightgreen;">■</span> VTC
<span style="color: lightgreen;">■</span> VLP	<span style="color: olive;">■</span> MPM	<span style="color: red;">■</span> AUD	<span style="color: yellow;">■</span> PCR
<span style="color: lightgreen;">■</span> OFC	<span style="color: orange;">■</span> INS	<span style="color: lightorange;">■</span> LIT	<span style="color: yellow;">■</span> PPC
		<span style="color: lightgreen;">■</span> VIS	

## Cytoarchitectural categories of lamination

Related to figs. 3 and 7.



<span style="color: black;">■</span> Kon	Koniocortical areas	↑ increasing levels of laminar differentiation
<span style="color: darkgray;">■</span> Eu3	Eulaminar 3	
<span style="color: gray;">■</span> Eu2	Eulaminar 2	
<span style="color: lightgray;">■</span> Eu1	Eulaminar 1	
<span style="color: white;">■</span> Dys	Dysgranular areas	
<span style="color: white;">■</span> Agr	Agranular areas	

Adapted from John YJ, Zikopoulos B, García-Cabezas MÁ, Barbas H. The cortical spectrum: A robust structural continuum in primate cerebral cortex revealed by histological staining and magnetic resonance imaging. *Front Neuroanat.* 2022;16: 897237. doi: 10.3389/fnana.2022.897237.