

Table 1 ROI levels in macaques

POIs level 1 and 2 were composed of Level 3 ROIs. ACG, anterior cingulate cortex; Auditory; auditory related area, IC; insular cortex, IPL; inferior parietal lobe, Motor; motor related area, MTL; medial temporal lobe, PFC; prefrontal cortex, PMC; posterior medial cortex, PVA; primary visual area, Sensory; sensory related area, SPL; superior parietal lobe, SVA; secondary visual area, TAC; temporal associated cortex.

Levels 1 (4 ROIs)	Level 2 (13 ROIs)	Level 3 (54 ROIs)
Frontal lobe	PFC	Frontal pole (area 10)
		Gyrus rectus (area_14)
		Areas_11/13
		Medial and orbital area 12
		Agranular orbitofrontal cortex
		Primary olfactory cortex
		Caudolateral orbitofrontal cortex
		Area 8A
		Area 8B
		Rostral dorsolateral prefrontal cortex
		Rostral ventrolateral prefrontal cortex
		Caudal ventrolateral prefrontal cortex
	Motor	Primary motor cortex
		Premotor cortex
		Supplementary motor areas
	ACG	Area 32
		Subgenual cortex (area 254)
		Area 24
		Midcingulate cortex
Parietal lobe	Sensory	Primary somatosensory cortex
		Secondary somatosensory cortex
	SPL	Visual area V6
		Visual area V6A
		Area 5
		Ventromedial intraparietal sulcus
	IPL	Lateral intraparietal sulcus
		Medial superior temporal area
		Area 7 in the inferior parietal lobule
	PMC	Area 7 on the medial wall
		Posterior cingulate cortex
		Retrosplenial cortex

Temporal lobe	MTL	Parahippocampal cortex
		Entorhinal cortex
		Perirhinal cortex
	TAC	Agranular temporal pole
		Granular and dysgranular temporal pole
		Area TEO
		Gyral aspect of area TE
		Area TE in the ventral STS
		Fundus of the superior temporal sulcus
		Dorsal bank of the superior temporal sulcus
		Rostral superior temporal gyrus
		Caudal superior temporal gyrus
	Auditory	Lateral belt areas
		Medial belt areas
		Polar rostromtemporal cortex
		Core areas of auditory cortex
	IC	Insula and parainsula
		Retroinsula
Occipital lobe	SVA	Middle temporal area
		Visual area 4
		Visual area 3
		Visual area 2
	PVA	Primary visual cortex