

On-line Table: Selected articles for review of previously found associations between brain region volumes and chronic pain phenotypes

Reference	Brain Regions Identified	Direction +/-
Ivo et al, 2013 ⁹	Dorsolateral prefrontal cortex	—
	Thalamus	—
	Midcingulate cortex	—
Robinson et al, 2011 ¹¹	Midcingulate cortex	—
	Anterior cingulate cortex	—
	Insular cortex	—
Zimmerman et al, 2009 ¹⁴	Hippocampus	—
Apkarian et al, 2004 ¹⁸	Dorsolateral prefrontal cortex	—
	Thalamus	—
Buckalew et al, 2008 ³³	Posterior parietal cortex	—
	Midcingulate cortex	—
Burgmer et al, 2009 ³⁴	Prefrontal cortex	—
	Amygdala	—
	Anterior cingulate cortex	—
Jensen et al, 2013 ³⁵	Anterior cingulate cortex	—
Kong et al, 2013 ³⁶	S1	+
Kuchinad et al, 2007 ³⁷	Cingulate cortex	—
	Insular cortex	—
	Medial frontal cortex	—
Lutz et al, 2008 ³⁸	Parahippocampal gyri	—
	Postcentral gyri	—
	Amygdala	—
	Hippocampus	—
	Superior frontal cortex	—
	Anterior frontal cortex	—
	Anterior cingulate cortex	—
	Anterior cingulate cortex	—
Rodriguez-Raecke et al, 2009 ³⁹	Insular cortex	—
	Operculum	—
	Dorsolateral prefrontal cortex	—
	Amygdala	—
	Brain stem	—
	Superior temporal gyrus	—
	Thalamus	—
	Orbitofrontal cortex	+
Schmidt-Wilcke et al, 2007 ⁴⁰	Cerebellum	+
	Striatum	+
	S1	—
	Insular cortex	—
	Anterior cingulate cortex	—
	Dorsolateral prefrontal cortex	—
	Ventrolateral prefrontal cortex	—
	Orbitofrontal cortex	—
Seminowicz et al, 2011 ⁴¹	Insular cortex	—
	Anterior cingulate cortex	—
	Dorsolateral prefrontal cortex	—
	Ventrolateral prefrontal cortex	—
	Orbitofrontal cortex	—
Valet et al, 2009 ⁴²	Insular cortex	—
	Anterior cingulate cortex	—
	Posterior cingulate cortex	—
	Orbitofrontal cortex	—
	Parahippocampal gyri	—
Wood et al, 2009 ⁴³	Posterior cingulate cortex	—
	Anterior cingulate cortex	—