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TABLE 2.

Main meta-analysis of brain activation differences between AUD patients and HC during the reward anticipation phase

Brain regions	MNI coordinates x, y, z	SDM-Z value	<i>p</i> value	No. of voxels	Breakdown
P < HC					
R VS	12, 18, −8	−2.025	~0	984	R striatum
					R olfactory cortex, BA 25
					R gyrus rectus, BA 11
					R caudate nucleus, BA 25
					R superior frontal gyrus, medial orbital, BA 11
					R olfactory cortex, BA 11
					R anterior cingulate/paracingulate gyri, BA 11
					R gyrus rectus, BA 25
					R superior frontal gyrus, orbital part, BA 11
					R olfactory cortex
					R olfactory cortex, BA 48
					R lenticular nucleus, putamen, BA 48
					R superior frontal gyrus, orbital part, BA 25
					R caudate nucleus, BA 11
					L anterior cingulate/paracingulate gyri
					R lenticular nucleus, putamen, BA 25
					R inferior frontal gyrus, orbital part, BA 11
					R anterior cingulate/paracingulate gyri
					R anterior cingulate/paracingulate gyri, BA 25
					R amygdala
R hippocampus	34, −24, −10	−1.456	.000020623	256	R gyrus rectus, BA 48
					R hippocampus, BA 20
					R parahippocampal gyrus, BA 20
					R hippocampus, BA 37
					R parahippocampal gyrus, BA 37
L inferior occipital gyrus	−46, −70, −14	−1.033	.001104414	301	R fusiform gyrus, BA 37
					L inferior occipital gyrus, BA 19
					L fusiform gyrus, BA 37
					L fusiform gyrus, BA 19
					L inferior occipital gyrus, BA 37
					L cerebellum, crus I, BA 19
					L cerebellum, crus I
R supramarginal gyrus	66, −32, −34	−1.050	.000918627	149	L cerebellum, crus I, BA 37
					R supramarginal gyrus, BA 2
					R supramarginal gyrus, BA 40
					R supramarginal gyrus, BA 48
					R supramarginal gyrus
R insula	36, −18, −6	−1.085	.000665724	103	R insula, BA 48
					R lenticular nucleus, putamen, BA 48
					R superior temporal gyrus, BA 48
					R striatum
L lingual gyrus and L fusiform gyrus	−18, −82, −8	−1.004	.001352131	77	L lingual gyrus, BA 18
					L fusiform gyrus, BA 18

Note: Clusters were identified at voxel-wise *p* < .005, SDM-Z > 1, and cluster size >10 voxels.
Abbreviations: BA, Brodmann area; No., number; VS, ventral striatum; SDM, seed-based d mapping; MNI, Montreal Neurological Institute.