

Supporting Information

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Table S1. Foci of activations during anticipation of rewards in young and older subjects and comparison between the two groups

Anatomical structure	Younger subjects		Older subjects		Younger > Older		Older > Younger	
	Peak MNI coordinates x, y, z	Z value	Peak MNI coordinates x, y, z	Z value	Peak MNI coordinates x, y, z	Z value	Peak MNI coordinates x, y, z	Z value
Left intra-parietal region	-34, -57, 49	3.43	-19, -68, 65 -46, -49, 38	3.53 3.26				
Right ventral striatum	8, 11, -4	3.4			8, 4, 15	3.32		
Left caudate nucleus	-19, 8, 15	3.33			-19, 8, 15	3.63		
Anterior cingulate cortex	-8, 27, 23	3.01			-8, 27, 23	3.07		
Left mid. temporal gyrus							-53, -61, 4	3.39

All areas were significant at $P < 0.005$, uncorrected for multiple comparisons (random effects model).

Table S2. Foci of activations at the time of reward delivery versus no reward delivery in young and older subjects and comparison between the two groups

Anatomical structure	Younger subjects		Older subjects		Younger > Older		Older > Younger	
	Peak MNI coordinates <i>x, y, z</i>	Z value	Peak MNI coordinates <i>x, y, z</i>	Z value	Peak MNI coordinates <i>x, y, z</i>	Z value	Peak MNI coordinates <i>x, y, z</i>	Z value
Right DLPFC	53, 15, 38	3.26			42, 49, 23	2.88		
Right DLPFC	46, 46, 19	3.02	46, 34, 19	3.08	30, 38, 27	2.78		
Right iFG	34, 27, -11	4.17			36, 8, 11	3.12		
Left DLPFC	-46, 11, 34	3.7			-38, 49, 15	2.91		
Left iFG	-46, 34, 8	3.15	-53, 42, 11	3.84	-46, 15, 4	3.23		
Sup. medial FG	4, 30, 53	3.57						
	0, -34, 30	3.24						
Left intra-parietal cortex	-34, -65, 49	3.99	-46, -72, 42	3.14	-42, -49, 61	3.43		
Right intra-parietal cortex	30, -68, 49	3.96	42, -65, 49	3.46	46, -34, 46	4.72		
Posterior cingulate cortex	0, -34, 30	3.24	-4, -46, 38	3.28			-8, -65, 11	3.07
Left post. hippocampus	-27, -30, -8	3.98			-30, -38, 0	4.1		
Right post. hippocampus	19, -30, -4	3.98						
Anterior superior frontal cortex			8, 61, 38	3.65				
Anterior medial PFC							-4, 57, 8	2.86
Inferior parietal cortex							-49, -72, 38	3.09

All areas were significant at $P < 0.005$, uncorrected for multiple comparisons (random effects model).