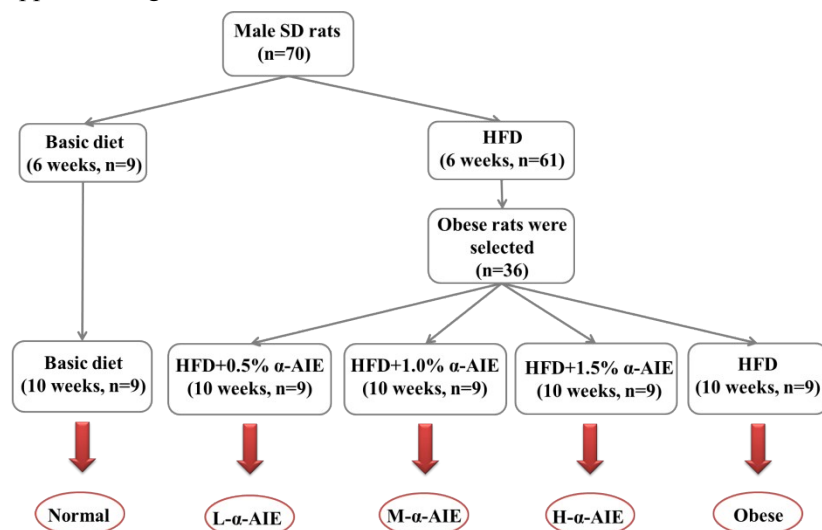


Supplement Figure legends

Supplement figure Progress and allocation to diet

Supplement figure



Supplement table Experimental diets for rats in different group

	Diet (g/100g dried feed)				
	Normal group	L- α -AIE	M- α -AIE	H- α -AIE	Obese group
Basic diet*	100.00	--	--	--	--
HFD*	--	99.50	99.00	98.50	100.00
α -AIE	--	0.50	1.00	1.50	--

*Basic diet and HFD were commercially available. Abbreviations: HFD, 45% high-fat diet; α -AIE, α -a-amylase inhibitor extracts from common bean; L- α -AIE, low dose of α -AIE group; M- α -AIE, medium dose of α -AIE group; H- α -AIE, high dose of α -AIE group;