

TABLE S3: GO biological process terms of the modules of *panax notoginseng*

Modules	p-value	GO terms
1	2.888E-21	G-protein coupled receptor signaling pathway
2	2.363E-16	cell cycle
3	4.133E-16	cell cycle
4	1.203E-15	nucleotide metabolic process
5	1.461E-16	G-protein coupled receptor signaling pathway
6	9.556E-23	xenobiotic metabolic process
7	2.42E-14	lipid metabolic process
8	1.291E-12	toll-like receptor signaling pathway
9	1.072E-13	transmembrane receptor protein tyrosine kinase signaling pathway
10	6.229E-11	regulation of interleukin-1 secretion
11	3.727E-10	xenobiotic metabolic process
12	5.738E-11	regulation of blood coagulation
13	1.077E-10	regulation of inflammatory response
14	2.081E-08	negative regulation of inflammatory response
15	6.161E-11	vascular endothelial growth factor receptor signaling pathway
16	4.079E-06	apoptotic process
17	1.355E-07	positive regulation of RNA metabolic process
18	1.326E-09	cell cycle
19	5.579E-09	cellular lipid metabolic process
20	3.841E-08	lipid metabolic process
21	3.239E-08	copper ion import
22	1.406E-05	cAMP metabolic process
23	0.0002926	cellular lipid metabolic process
24	4.625E-07	regulation of blood coagulation
25	2.904E-08	transmission of nerve impulse

Notes: P-value is the probability of obtaining the observed effect, a very small P-value indicates that the observed effect is very unlikely to have arisen purely by chance, and therefore provides evidence against the null hypothesis.