STRING and KEGG enrichment

	All	Sig. Up	Sig. Down	Cluster 1	Clustser 6	Network 1	Network 2	Network 3	Network 4	Network 5	Network 6	Network 7
keyword												
oxidoreductase	3.0e−02				5.6e−06		4.0e−02					
NADP	4.2e−02				4.8e−04							
monooxygenase	1.6e−02				5.6e−06		4.0e−02					
mitochondrion	1.3e−02			1.9e−03				2.3e−05				
microsome	4.2e−02				7.2e−04							
ligase							2.8e−04					
hydrolase						3.0e−05						
GTP−binding	4.2e−02			2.4e−02						1.7e−05		
glycosyl transferase					1.4e−02							
glycolysis	4.2e−02			2.8e−02			2.2e−04					
FAD	4.2e−02				1.4e−03							
chromosome									4.3e−05			
protein domain												
UDP−glycosyltransferase	5.0e−02				6.5e−03							
thioredoxin−like	1.5e−02			5.5e−03		2.8e−04						
stanniocalcin	1.5e−02				4.5e−04							
Small GTPase Rho	4.5e−02									4.2e−06		
short chain dehydrogenase/reductase SDR	1.3e−03						3.5e−03					
pyradine nucleotide−disulphide oxidoreductase	8.3e−04				3.6e−05							
phosphoribosyl transferase				4.5e−02								4.6e−05
peptidase C1A	3.6e−03			1.6e−03		1.9e−04						
papain family cysteine protease	4.0e−03			1.9e−03		6.1e−05						
NADP−dependent oxidoreductase	2.1e−03			7.8e−04				6.6e−08				
NAD(P)−binding	2.1e−03	1.3e−02			6.5e−03		2.6e−02	6.9e−03				
mitochondrial carrier		2.0e−02										
L−lysine 6−monooxygenase	4.0e−03				2.6e−05							
histone 2A	9.0e−03			5.0e−03						9.9e−07		
glutathione S−transferase	8.9e−03			6.4e−03		6.1e−05						
flavin−binding monooxygenase	1.4e−03				1.3e−05							
enoyl−(acyl carrier carrier) reductase	4.1e−03						5.5e−03					
cytochrome C−oxidase	1.3e−02			9.9e−03				4.7e−05				
cysteine peptidase	2.1e−03			7.8e−04		1.9e−04						
amidase	1.5e−02	2.9e−04										
aldo/keto reductase	1.3e−03			3.6e−04				2.9e−08				
Acetyl−coenzyme A synthetase	2.4e−02							2.6e−04				
Acetate−CoA ligase	1.8e−02							1.7e−04				
KEGG pathway												
Steroid hormone biosynthesis					18.4							
Purine metabolism												23.1
Proximal tubule bicarbonate reclamation							22.4					
PPAR signaling pathway					5.4							
Ovarian steroidogenesis					21.5							
ntifolate resistance				6.1								
Non−alcoholic fatty liver disease								23.6				
nitrogen metabolism	5.1											
methane metabolism	5.9			7.9			26.2	19.1				
metabolism of xenobiotics by cytochrome P450	5.4											
glycosphingolipid biosynthesis − globo and isoglobo series	5.7			5.1		31.1						
Glycerolipid metabolism								28.7				
Fc gamma R−mediated phagocytosis										35.4		
drug metabolism − cytochrome P450	7.6			6.1	17.2							
degradation of aromatic compounds	7.6			10.2				86.0				
cyanoamino acid metabolism	5.1			6.8								
chloroalkane and chloroalkene degradation	7.6							86.0				
Cardiac muscle contraction									25.3			
Caprolactam degradation								34.4				
Biosynthesis of amino acids			6.7				8.7					
bile secretion	5.1				19.1		17.4					
Bacterial invasion of epithelial cells			7.0							30.9		
Axon guidance										26.8		
ascorbate and alderate metabolism		23.4			12.3			36.9				
antifolate resistance	6.1											