

ID	GO category	System	Gene Number	p-value
Up-regulated Processes				
GO:0005886	plasma membrane	cellular component	64	1.80×10^{-07}
GO:0032501	multicellular organismal process	biological process	66	2.44×10^{-07}
GO:0048856	anatomical structure development	biological process	48	3.75×10^{-07}
GO:0003779	actin binding	molecular function	16	5.07×10^{-07}
GO:0008092	cytoskeletal protein binding	molecular function	19	8.53×10^{-07}
GO:0044459	plasma membrane part	cellular component	44	8.63×10^{-07}
GO:0030054	cell junction	cellular component	19	9.61×10^{-07}
GO:0005575	cellular component	cellular component	192	9.91×10^{-07}
GO:0044464	cell part	cellular component	183	1.08×10^{-06}
GO:0005623	cell	cellular component	183	1.09×10^{-06}
Down-regulated Processes				
GO:0006563	L-serine metabolic process	biological process	5	1.32×10^{-08}
GO:0019752	carboxylic acid metabolic process	biological process	21	1.38×10^{-07}
GO:0006082	organic acid metabolic process	biological process	21	1.56×10^{-07}
GO:0006760	folic acid and derivative metabolic process	biological process	5	4.25×10^{-07}
GO:0006520	amino acid metabolic process	biological process	14	4.90×10^{-07}
GO:0008652	amino acid biosynthetic process	biological process	7	6.15×10^{-07}
GO:0009070	serine family amino acid biosynthetic process	biological process	4	2.13×10^{-06}
GO:0003674	molecular function	molecular function	180	2.30×10^{-06}
GO:0006519	cellular amino acid and derivative metabolic process	biological process	15	2.52×10^{-06}
GO:0006564	L-serine biosynthetic process	biological process	3	4.22×10^{-06}