Pathway ID	Pathway Name	e Counts in	Amount in Pa	richment Sc	p-value
4151	PI3K-Akt signaling pathway	38	356	10.398349	1.82E-26
4510	Focal adhesion	30	205	14.256016	3.64E-25
4512	ECM-receptor interaction	17	87	19.035331	6.339E-17
5200	Pathways in cancer	24	326	7.171738	1.875E-13
4974	Protein digestion and absorption	14	88	15.498017	7.953E-13
4360	Axon guidance	16	133	11.719231	1.476E-12
4060	Cytokine-cytokine receptor interaction	21	266	7.6907453	1.731E-12
5205	Proteoglycans in cancer	19	230	8.0474176	9.539E-12
4066	HIF-1 signaling pathway	14	113	12.069252	2.682E-11
5146	Amoebiasis	13	120	10.553412	7.943E-10
4610	Complement and coagulation cascades	11	77	13.916587	8.821E-10
5144	Malaria	9	49	17.892754	3.399E-09
5410	Hypertrophic cardiomyopathy (HCM)	10	84	11.597156	3.37E-08
4540	Gap junction	10	88	11.070012	5.31E-08
5414	Dilated cardiomyopathy	10	90	10.824012	6.608E-08
5142	Chagas disease (American trypanosomiasis)	10	104	9.3669334	2.652E-07
4514	Cell adhesion molecules (CAMs)	12	163	7.171738	2.921E-07
3320	PPAR signaling pathway	9	81	10.824012	3.226E-07
5215	Prostate cancer	9	89	9.851067	7.309E-07
4145	Phagosome	12	180	6.4944072	8.541E-07

FDR	Gene Symbols	Rank
3.58E-24	|Col6a2|Fgfr1|Egfr|Il6|Col6a1|Col5a1|Col1a2|Efna5|Col6a3|Pgf|Th	1
3.59E-23	|Thbs2|Pdgfra|Itgb8|Pdgfd|Prkca|Pdgfb|Pdgfrb|Itga11|Flt1|Col1a2|	2
4.16E-15	|Col1a2|Col5a2|Col6a1|Itgb5|Tnxb|Col6a3|Col6a2|Thbs3|Col6a6|C	3
9.23E-12	|Gli3|Nos2|Pdgfra|Pparg|Pdgfb|Mmp2|Smad3|Dapk1|Il6|Myc|Pik3c	4
3.13E-11	|Col14a1|Col1a1|Atp1a2|Dpp4|Col6a3|Col6a1|Col6a2|Col15a1|Co	5
4.85E-11	|Efna5|Ntn4|Sema3g|Ablim3|Sema5a|Cxcr4|Sema7a|Plxnc1|Slit2|	6
4.87E-11	|Bmpr1a|Egfr|Pdgfra|Cxcr4|Ccl11|Lepr|Pdgfd|Il6|Pdgfrb|Ccl2|Tgfb	7
2.35E-10	|Fgfr1|Itgb5|Col1a2|Cd63|Prkca|Twist2|Fzd6|Sdc2|Gpc3|Col1a1|C	8
5.87E-10	|Pik3cb|Hmox1|Prkca|Hk2|Serpine1|Il6|Igf1|Trf|Nos3|Timp1|Egfr|F	9
1.56E-08	|Col1a2|Col5a1|Col3a1|Tgfb3|Nos2|Il6|Prkca|Plcb1|Col1a1|Col5a2	10
1.58E-08	|Gm5077|C1ra|Daf2|C7|F3|C1s|Cd55|Serpine1|Serping1|C3|Cfh|	11
5.58E-08	|Sdc2|Thbs2|Tgfb3|Lrp1|Il6|Thbs3|Ccl2|Thbs1|Vcam1|	12
5.11E-07	|Itgb8|Sgcd|Tgfb3|Lama2|Itga11|Cacng7|Itgb5|Cacna2d1|Il6|Igf1|	13
7.47E-07	|Prkca|Pdgfra|Plcb1|Pdgfrb|Pdgfd|Tubb4a|Pdgfb|Egfr|Adcy7|Tubb	14
8.68E-07	|Itga11|Sgcd|Itgb5|Igf1|Itgb8|Lama2|Adcy7|Tgfb3|Cacng7|Cacna2	15
3.26E-06	|Tgfb3|Gnao1|C3|Ccl2|Serpine1|Il6|Pik3cb|Smad3|Plcb1|Nos2|	16
3.38E-06	|Esam|Cldn5|Vcan|Negr1|Sdc2|Icosl|Itgb8|Vcam1|Pvrl1|Cd274|Cd	17
3.53E-06	|Pparg|Me1|Scd2|Scd1|Fabp4|Cyp27a1|Fads2|Hmgcs2|Aqp7|	18
7.58E-06	|Pdgfd|Fgfr1|Igf1|Pdgfb|Pdgfra|Pik3cb|Pdgfrb|Ar|Egfr|	19
8.41E-06	|Itgb5|5430435G22Rik|Thbs3|Thbs1|Scarb1|Tubb4a|Thbs2|C3|Mr	20