

Table S1. Enriched KEGG Pathway (p<0.05).

KEGG Pathway	P-Value	Genes
Fanconi anemia pathway	9.05E-05	BRCA2 REV3L ATR FANCB BRIP1 FANCM POLK
Ribosome	0.00025866	Novel00290 Novel00264 RPS28 RPS29 Novel00687 Novel00628 Novel00070 Novel00605 Novel00732 Novel00145
Inositol phosphate metabolism	0.006326243	PIK3CA PIK3C2A PLCE1 Novel00012 PLCB4
Signaling pathways regulating pluripotency of stem cells	0.017264823	RIF1 AXIN2 PIK3CA IL6ST JAK2 SMARCAD1 APC
Pathogenic Escherichia coli infection	0.020671359	WAS Novel00839 ROCK1 Novel00854
Leukocyte transendothelial migration	0.023398716	Novel00661 PIK3CA ROCK1 MYL5 ARHGAP5 CLDN2
Shigellosis	0.028330759	U2AF1 WAS Novel00661 ROCK1
Colorectal cancer	0.029750405	PIK3CA Novel00661 AXIN2 APC
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