

Supplementary Table 1: SPIA results on Colo741-KRas2 microarray data using control vs. G12D mutation.

The fold-change ratios of the control vs. G12D sets were computed and used as an input to SPIA. Using 5% cut off of the FDR-adjusted *p*-values, SPIA was unable find any significant pathway in the KEGG database. The FDR values with the Colo741-KRas2 dataset are around 34-35%, which is not significant according to authors.

Pathway Name	KEGG ID	FDR	Status
Leishmaniasis	Hsa05140	0.3433	Activated
Pathogenic Escherichia coli infection	Hsa05130	0.3433	Activated
p53 signaling pathway	Hsa04115	0.3433	Activated
Cytosolic DNA-sensing pathway	Hsa04623	0.3433	Inhibited
Vibrio cholerae infection	Hsa05110	0.3433	Inhibited
Maturity onset diabetes of the young	Hsa04950	0.3433	Inhibited
Cell cycle	Hsa04110	0.3433	Inhibited
Shigellosis	Hsa05131	0.3433	Activated
Focal adhesion	Hsa04510	0.3509	Inhibited