

Fig. s1. CRC DCG-PCG distinction via human-dog comparison.

p values of expression change				
	0hr vs 24hr Taxol		24hr vs 48hr Taxol	
	Amplification	Deletion	Amplification	Deletion
1stDCGs	0.120	0.019 🗸	0.424	0.052 🕇
2ndDCGs	0.191	0.026 🗸	0.326	0.122
PCGs	0.243	0.396	0.535	0.545

Fig. s2. mRNA expression changes of DCGs and PCGs, separating based on their amplification or deletion status in human CRCs (Supplementary Table s1), in responding to Taxol-treatment.

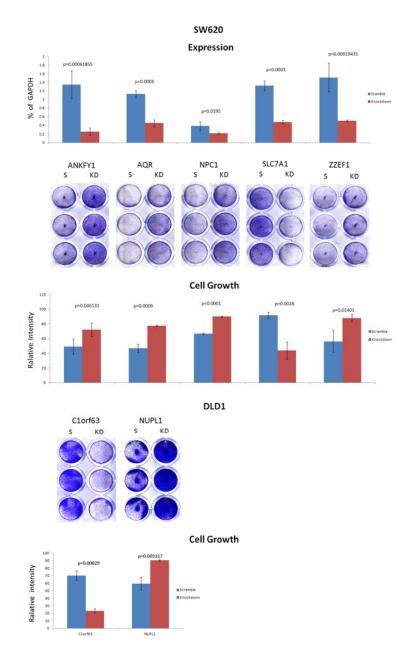


Fig. s3a. siRNA knockdown of the DCGs shown promotes or inhibits the growth of SW620 cells (top) and DLD1 cells (bottom).

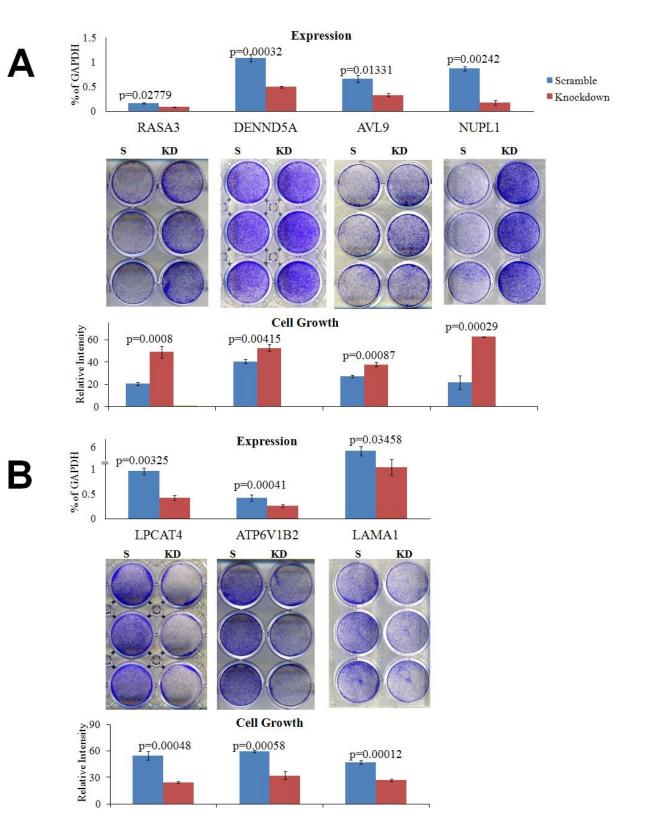


Fig. s3b. siRNA knockdown of the DCGs shown promotes or inhibits the growth of HeLa Cells.

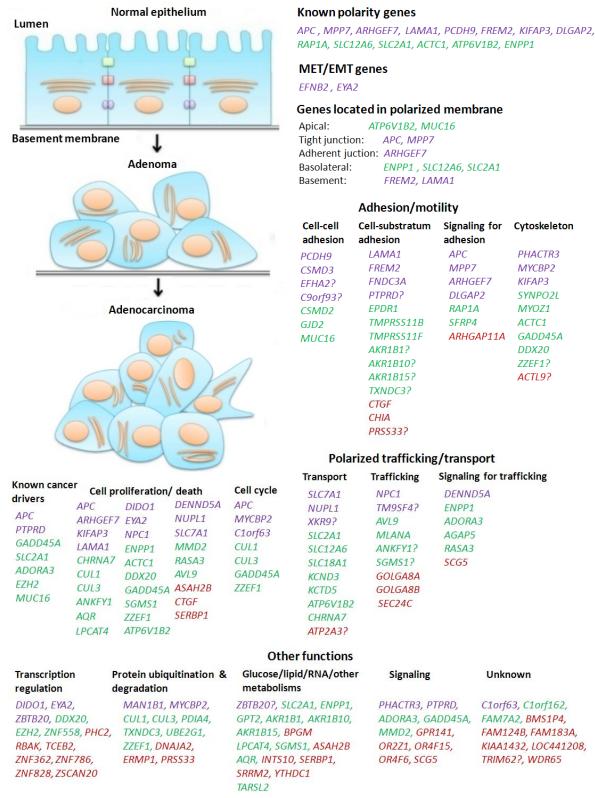


Fig. s4. DCGs (but not PCGs) are enriched in functions associated with epithelial cell polarity establishment and maintenance, and many DCGs participate in cell proliferation/death and/or cell cycle control. All genes are shown here.