

Supplemental Table 1

<u>Gene</u>	Fold Change		
	<u>vs HPs</u>	<u>vs Uninvolved</u>	<u>vs Control</u>
CRYBA2	-4.85	-3.73	-4.33
FSCN1	3.16	3.73	3.25
MUC6	17.28	240.78	3485.29
SEMG1	4.93	29.89	22.99
TRNP1	2.27	11.32	12.39
ZIC2	6.72	42.97	44.76
ZIC5	8.3	32.44	91.3

All 21 comparisons were statistically significant by Mann Whitney U-Test ($p < 0.0001$)

Gene	Description	Function/Process
CRYBA2	crystallin beta A2	protein binding, lens development
FSCN1	fascin actin-binding protein 1	actin filament binding, cell migration
MUC6	mucin 6	extracellular matrix, maintenance of epithelium
SEMG1	semenogelin 1	protein binding, antibacterial humoral response
TRNP1	TMF1 regulated nuclear protein 1	DNA binding, cell cycle
ZIC2	Zic family member 2	DNA binding, cell differentiation
ZIC5	Zic family member 5	DNA binding, cell differentiation

Gene	Relevance to colon polyps / cancer
CRYBA2	unknown
FSCN1	tumor invasion
MUC6	epithelium integrity / organogenesis
SEMG1	unknown
TRNP1	highly expressed in right-sided colon cancers
ZIC2	regulates WNT signaling
ZIC5	regulates WNT signaling