**Informed Consent statement:**

For all human studies, informed consent was obtained from every patient and samples were coded. Collection of all material was approved by the Northwestern University or University of Kentucky Institutional Review Boards. Some biopsies were collected under the NCI Myo-Inositol Chemoprevention in Colitis-Associated Dysplasia trial, #NWU09-13-02. The ClinicalTrials.gov identifier for the Myo-Inositol Chemoprevention trial is NCT01111292.