

Publications: Determining the Genes Relevant to IBD

1. Yu W, Hegarty JP, Berg A, Kelly AA, Wang Y, Poritz LS, Franke A, Schreiber S, Koltun WA, Lin Z. **PTPN2 is associated with Crohn's disease and its up-regulation in CD patients mediated by Nkx2-3.** Dis Markers 2011. in press.
2. Lin Z, Hegarty JP, Berg A, Wang Z, Kelly AA, Wang Y, Poritz LS, Wu R, Koltun WA. **DLG5 P1371Q: Genetic association with inflammatory bowel disease and allelic complementation to R30Q in disease susceptibility.** Swiss Med Wkly 2011. in press.
3. Lin Z, John G, Hegarty, Berg A, Yu W, Wang Y, Kelly AA, Peterson BZ, Poritz LS, Floros J, Koltun WA. **Genetic variants and differential allele expression of surfactant protein D in inflammatory bowel disease.** Ann Hum Genet 2011. in press.
4. Lin Z, Hegarty JP, Lin T, Ostrov B, Wang Y, Yu W, Kelly AA, Poritz LS, Koltun WA. **Failure of anakinra treatment of pyoderma gangrenosum in an IBD patient and relevance to the PSTPIP1 gene.** Inflamm Bowel Dis. 2011 Jun;17(6):41-2.
5. Lin Z, Hegarty J, Cappel J, Yu W, Chen X, Faber P, Wang Y, Kelly A, Poritz L, Peterson B, Schreiber S, Fan JB, Koltun W. **Identification of disease-associated DNA methylation in intestinal tissues from patients with inflammatory bowel disease.** Clin Genet. 2011 Jul;80(1):59-67.
6. Wang Z, Liu T, Lin Z, Hegarty J, Koltun WA, Wu R. **A general model for multilocus epistatic interactions in case-control studies.** PLoS One. 2010 Aug 18;5(8):e11384.
7. Lin Z, Nelson L, Franke A, Poritz L, Li TY, Wu R, Wang Y, MacNeill C, Thomas NJ, Schreiber S, Koltun WA. **OCTN1 variant L503F is associated with familial and sporadic inflammatory bowel disease.** J Crohns Colitis. 2010 Jun;4(2):132-8. Epub 2009 Oct 24.
8. Lin Z, Poritz L, Franke A, Li TY, Ruether A, Byrnes KA, Wang Y, Gebhard AW, MacNeill C, Thomas NJ, Wu R, Schreiber S, Koltun WA. **Genetic association of DLG5 R30Q with familial and sporadic inflammatory bowel disease in men.** Dis Markers. 2009;27(5):193-201.
9. Lin Z, Poritz L, Franke A, Li TY, Ruether A, Byrnes KA, Wang Y, Gebhard AW, MacNeill C, Thomas NJ, Schreiber S, Koltun WA. **Genetic association of nonsynonymous variants of the IL23R with familial and sporadic inflammatory bowel disease in women.** Dig Dis Sci. 2010 Mar;55(3):739-46. Epub 2009 Mar 18.