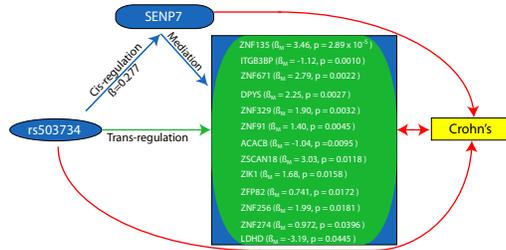
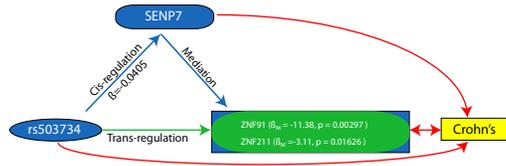


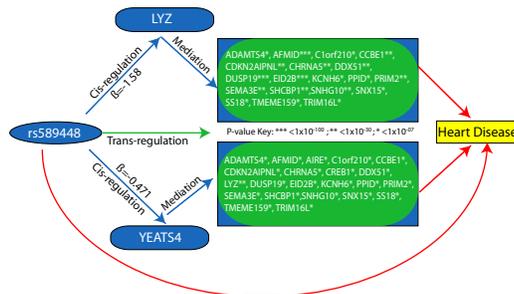
A. Mendelian Randomization: rs503734 for Component Network 431 in CG



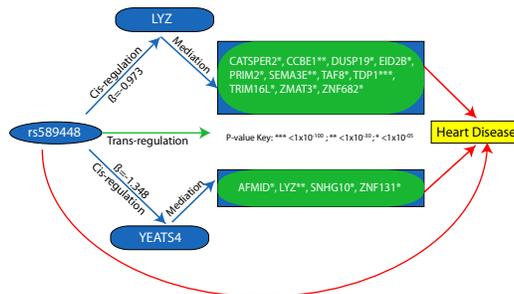
Mendelian Randomization: rs503734 for Component Network 391 in FF



B. Mendelian Randomization: rs589448 for Component Network 417 in CG



Mendelian Randomization: rs589448 for Component Network 105 in FF



S6 Fig. Mendelian randomization analysis for disease-associated *trans*-eQTLs in FF and CG. (A) Crohn's variant *rs503734* mediate *trans*-effects through *cis*-gene *SENP7* and (B) Coronary Artery Disease variant *rs589448* mediate *trans*-effects through *cis*-gene *LYZ* and *YEATS4*.