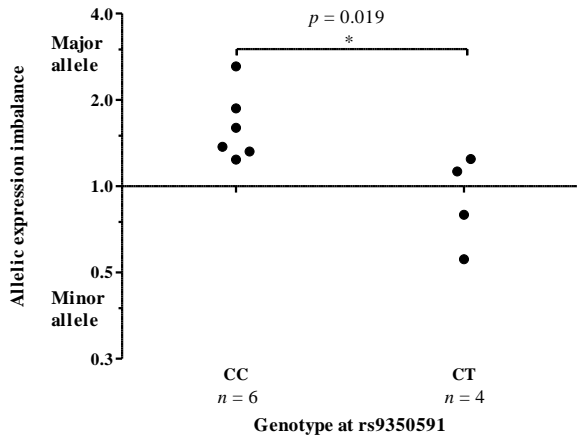
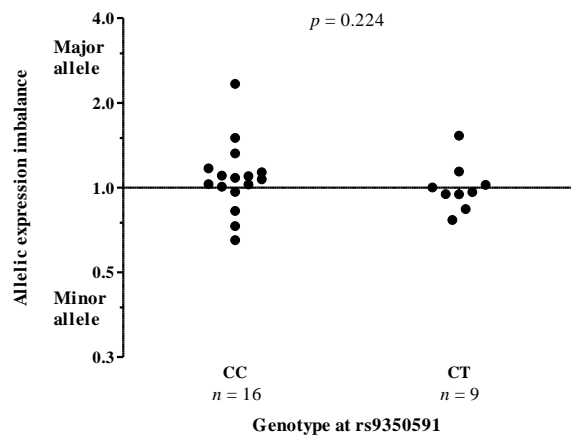
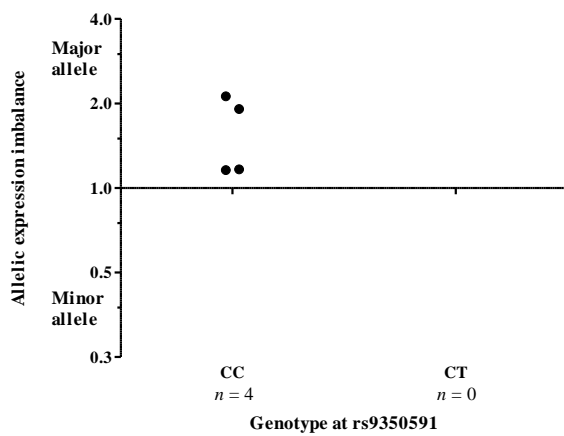
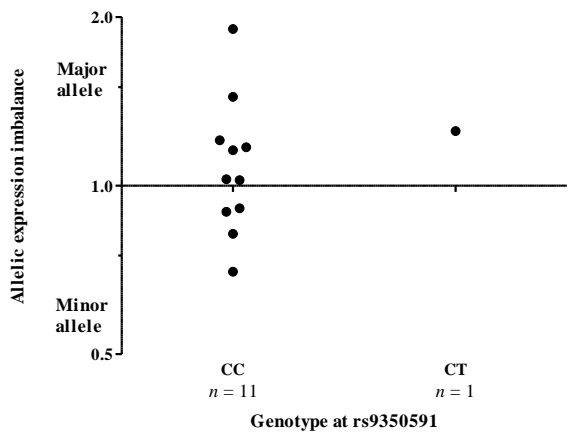
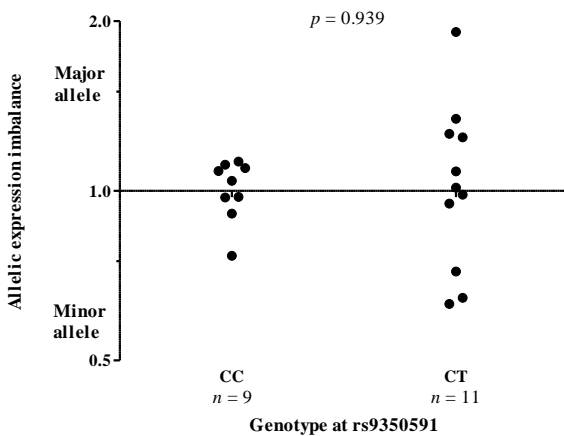
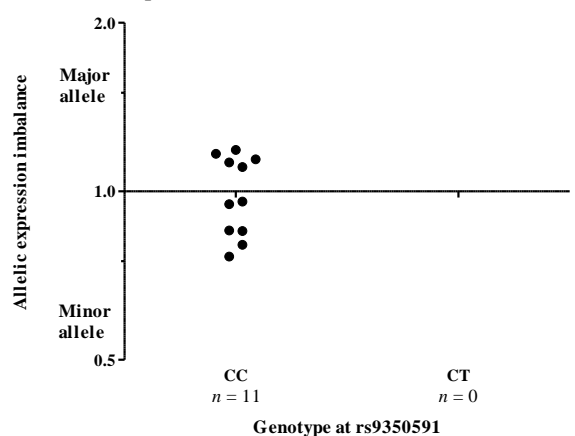


G*MYO6* expression at rs1045758 and rs699186 in OA hip cartilage**H***MYO6* expression at rs1045758 and rs699186 in OA knee cartilage**I***MYO6* expression at rs1045758 and rs699186 in NOF cartilage**J***SENP6* expression at rs71561434 and rs17414687 in OA hip cartilage**K***SENP6* expression at rs71561434 and rs17414687 in OA knee cartilage**L***SENP6* expression at rs71561434 and rs17414687 in NOF cartilage

Additional file 11. Allelic expression imbalance analysis stratified by disease state and joint site. The data were stratified by OA hip, OA knee and NOF for *COL12A1* (A, B and C), *TMEM30A* (D, E and F), *MYO6* (G, H and I), and *SENP6* (J, K and L). Stratification did not result in any changes to the analysis of combined data. Statistical significance was assessed using the Mann-Whitney *U* test and is not corrected for multiple testing.