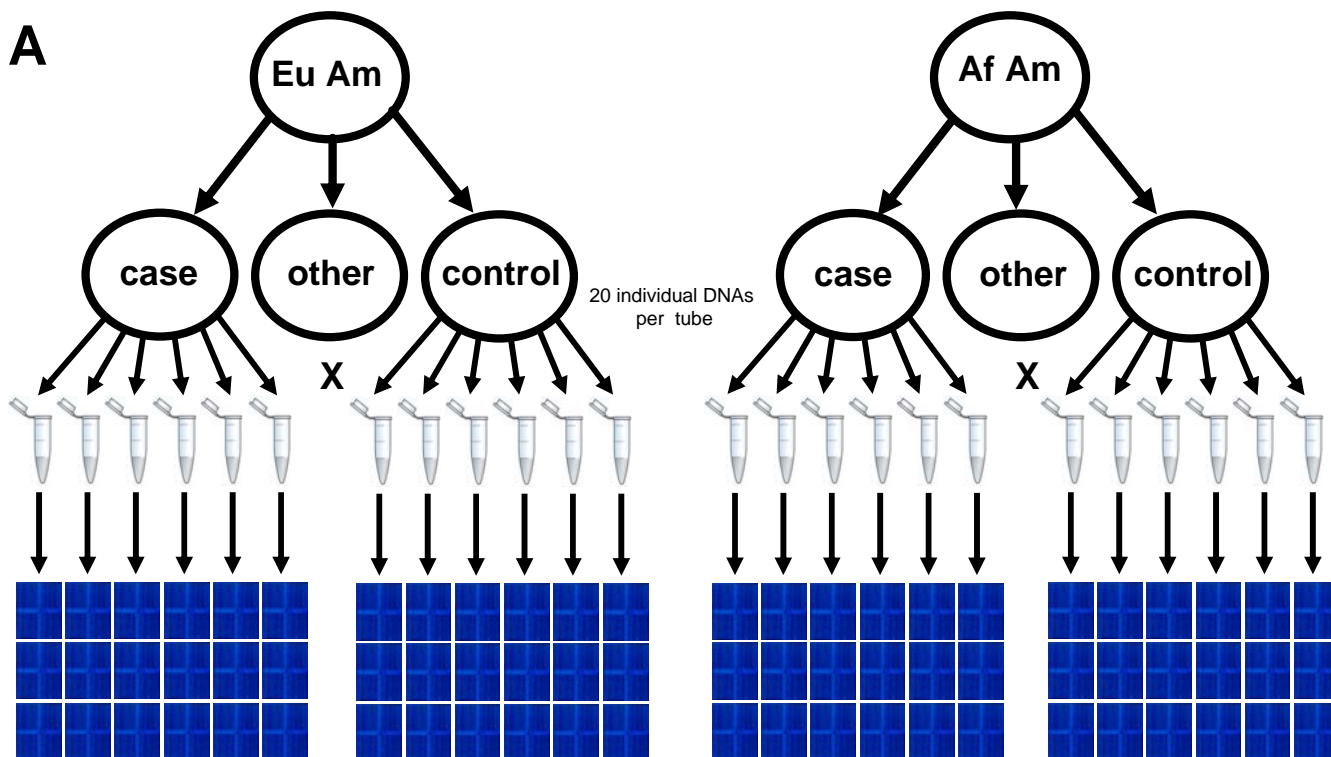
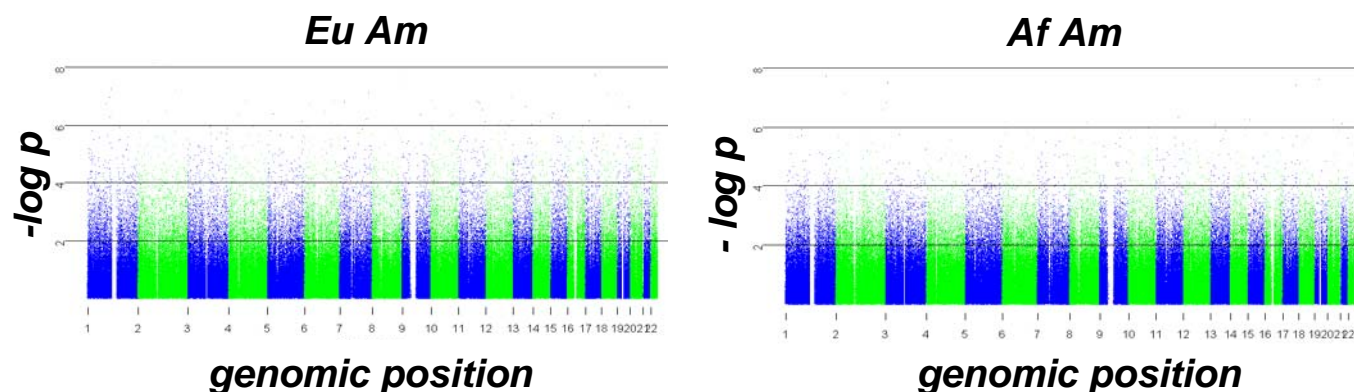


Figure S1.



B

- 1) Average hybridization for each allele for each SNP for each DNA pool (normalized/background corrected, 3 arrays, 3-4 replicates/array)
- 2) Average arctangent of allele hybridization intensity ratio A/B for each SNP for each DNA pool
- 3) p values (t test) for case vs control differences (each SNP, each sample)



- 4a) Identify chromosomal regions that display “converge then cluster results” (at least 4 SNPs with $p < 0.05$ in each sample that lie within 10 kb of each other).
- 4b) Identify chromosomal regions that display clustered positive results in each sample (“cluster than converge”).
- 5) List annotated genes within these chromosomal regions.