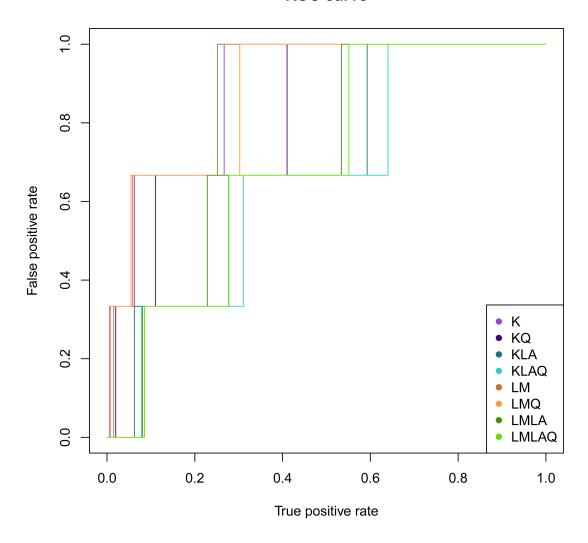**Figure S6** ROC curve of simulations with 3 causal SNPs, each adding phenotypic value 10, with a base phenotypic value given by one trait from (WARRINGER *et al.* 2011).