



Figure S2 The relationship of level of amino acid substitutions at the PBR ($K_{B(m)}$) and coalescence time ($m = K_S$) of alleles for 24 rat *RT1-Db1* (*HLA-DRB1* ortholog) alleles. The ordinate axis represents the mean number of nonsynonymous substitutions at the PBR among allele pairs ($K_{B(m)}$). The abscissa axis represents the number of synonymous substitutions over the entire region ($m = K_S$).