

Supplementary Materials: Pathogenetic and Therapeutic Applications of Tumor Necrosis Factor- α (TNF- α) in Major Depressive Disorder: A Systematic Review

Ke Ma, Hongxiu Zhang and Zulqarnain Baloch

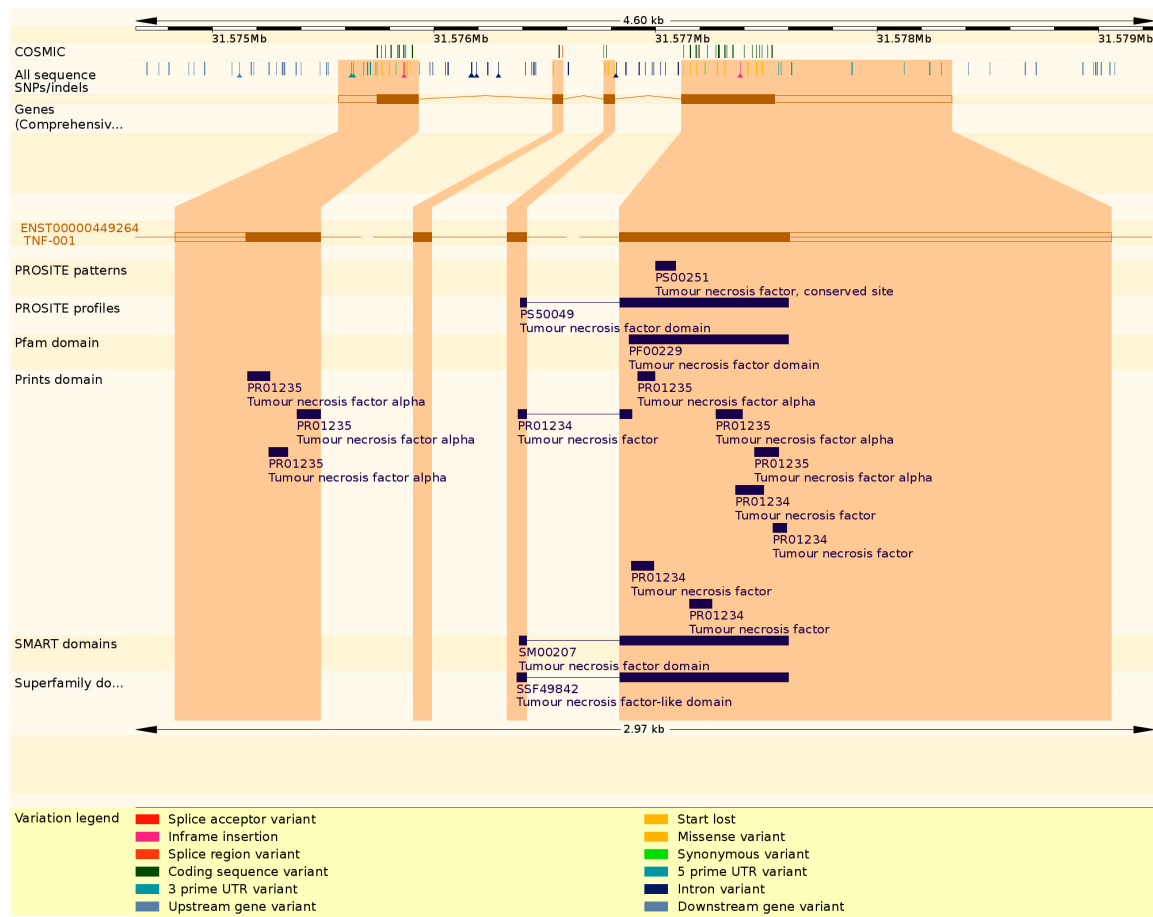


Figure S1. The genetic polymorphism of TNF- α . The human *TNF- α* gene is positioned in the class III region of the major histocompatibility complex (MHC), on the small arm of chromosome 6 (6p21.1–21.3). It spans about 3 kilobases and contains 4 exons, encoding a protein consisting of a signal peptide composed of 76 amino acid residues, and the 157 amino acid residues of the mature peptide. Multiple genetic polymorphism loci are present in the *TNF- α* gene region. According to data from national center for biotechnology information (NCBI), more than 391 SNPs have been identified.