This file includes the initial inflammatory rerulatory network by using Ingenuity Pathway Analysis (IPA) software based on the data from Gene Expression Omnibus (GEO) database under the GEO accession number GSE28166 and the website for all uploaded source codes and data (http://maths.whu.edu.cn/teach/lj/?title=%E9%82%B9%E7%A7%80%E8%8A%AC).