

Supplementary Table 1. Primers used in the generation of site-directed mutants of rPARG-CF

Mutation	Primers
E675N	5 - CGTTCATCAAGGAAACCAAATAAGCTTAAAACGCTC - 3 3 - GCAAGTAGTTCCTTTGGTTTATTTCGAATTTTGCGAG - 5
E708N	5 - GAGTCTTGAAGATTTTCCAAATTGGGAAAGATGTG - 3 3 - CTCAGAACTTCTAAAAGGTTTAACCCTTTCTACAC - 5
E728N	5 - CGAAGGTACCATAAAATGGAAACGGCCAGGGC - 3 3 - GCTTCCATGGTATTTACCTTTGCCGGTCCCG - 5
D738N	5 - GGGCATGCTACAGGTGAATTTTGCAAACCGTTTCG - 3 3 - CCCGTACGATGTCCACTTAAAACGTTTGGCAAAGC - 5
E756N	5 - GGACTTGTGCAAAACGAAATCCGCT - 3 3 - CCTGAACACGTTTTGCTTTAGGCGA - 5
E757N	5 - CTTGTGCAAGAAAACATCCGCTTTT - 3 3 - GAACACGTTCTTTTGTAGGCGAAAA - 5
E756N/E757N	5 - GCAGGACTTGTGCAAAACAACATCCGCTTTTTAATCAACCC - 3 3 - CGTCCTGAACACGTTTTGTTGTAGGCGAAAAATTAGTTGGG - 5
E765N	5 - AATCAACCCTAACTTGATTGTTTCACGGC - 3 3 - TTAGTTGGGATTGAACTAACAAAGTGCCG - 5
E774N	5 - CGGCTCTTCACTAACGTGCTGGATCAC - 3 3 - GCCGAGAAGTGATTGCACGACCTAGTG - 5
E780N	5 - CTGGATCACAATAACTGTCTTATCATCACAGG - 3 3 - GACCTAGTGTTATTGACAGAATAGTAGTGTCC - 5
E788N	5 - CACAGGTACTAACCGTACAGTGAATACAC - 3 3 - GTGTCCATGAGTTGTCATGTCACTTATGTG - 5

Supplementary Figure 1. SDS-PAGE of GST-fusion rPARG-CF and of select thrombin cleaved rPARG-CF mutants. A 12% SDS-PAGE gel was with molecular weight markers indicated by arrows: Lane are as follows: (MW) molecular weight markers, (C) 75 μ g crude extract, (GSH) proteins bound to 20mL of GSH-Sepharose, (PARG-CF), 5 μ g wild-type fusion protein rPARG-CF, thrombin cleaved rPARG-CF mutants; (E756N) 5 μ g, (E757N) 5 μ g, (E774N) 10 μ g, (E780N) 15 μ g , (E788N) 15 μ g E788N.

Supplementary figure 1

