perturbation

ATF2g1, ATF2g2, ATF2g3, ATF2g4, BRD4g1, BRD4g3, BRD4g4, CAV1g1, CAV1g2, CAV1g3, CAV1g4, CD86g1, CD86g2, CD86g3, CD86g4, CMTM6g1, CMTM6g2, CMTM6g3, CUL3g1, CUL3g2, ETV7g1, ETV7g2, ETV7g3, ETV7g4, IFNGR1g1, IFNGR1g2, IFNGR1g3, IFNGR1g4, IFNGR2g1, IFNGR2g2, IFNGR2g3, IFNGR2g4, IRF1g1, IRF1g2, IRF1g3, IRF1g4, IRF7g1, IRF7g2, IRF7g3, IRF7g4, JAK2g1, JAK2g2, JAK2g3, JAK2g4, MARCH8g1, MARCH8g2, MARCH8g3, MARCH8g4, NFKBIAg1, NFKBIAg2, NFKBIAg3, PDCD1LG2g1, PDCD1LG2g2, PDCD1LG2g3, PDCD1LG2g4, POU2F2g1, POU2F2g2, POU2F2g3, SMAD4g1, SMAD4g2, SMAD4g3, SMAD4g4, STAT1g1, STAT1g2, STAT1g3, STAT2g1, STAT2g2, STAT2g3, STAT2g4, STAT3g1, STAT3g2, STAT3g3, STAT3g4, STAT5Ag1, STAT5Ag2, STAT5Ag3, STAT5Ag4, TNFRSF14g1, TNFRSF14g2, TNFRSF14g3, UBE2L6g1, UBE2L6g2, UBE2L6g4, control