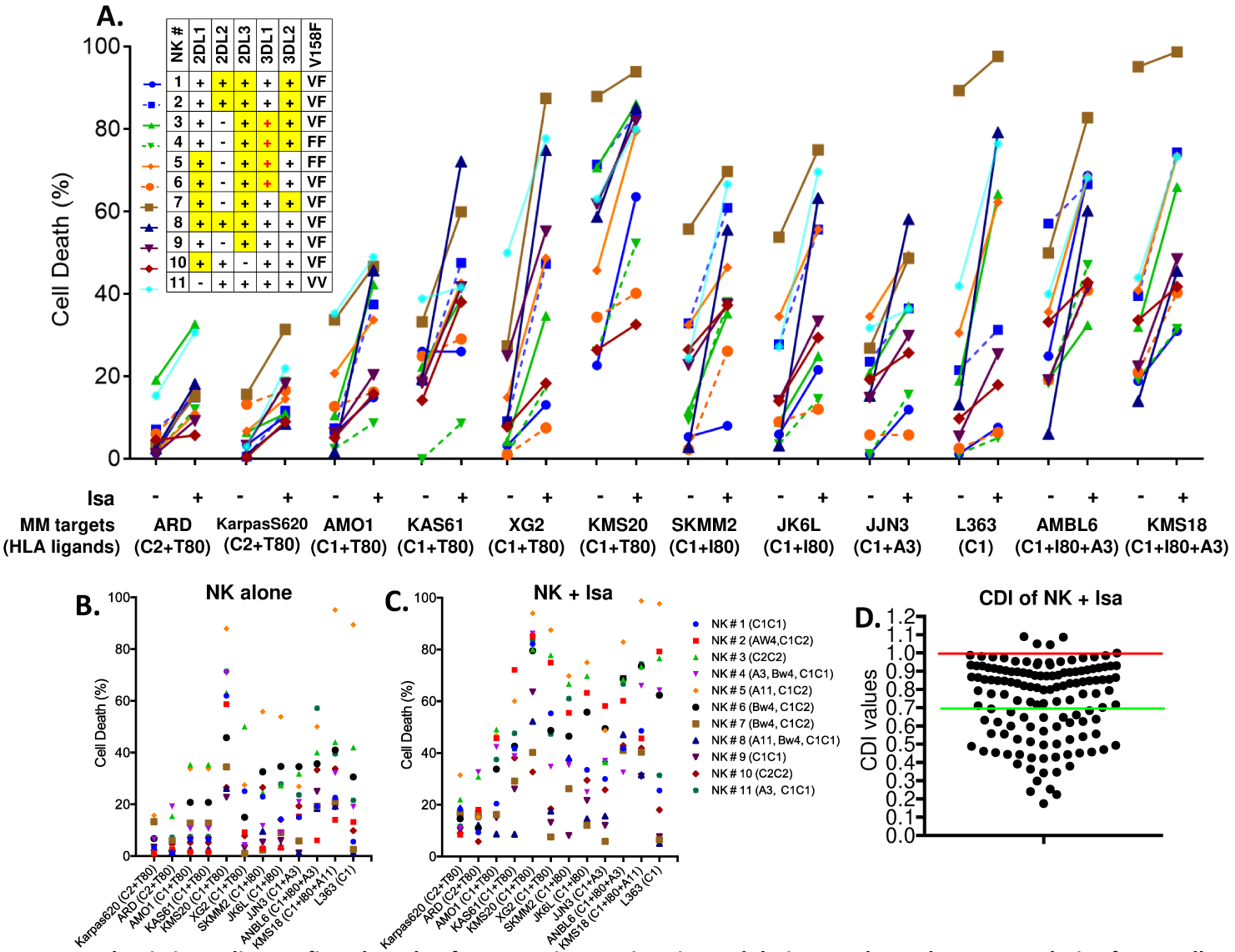

Figure S5: Mechanistic studies confirm the role of KIR+HLA interactions in modulating Isa-dependent NK cytolysis of MM cells. The primary NK cells kill MM cell lines, and the varied KIR+HLA compositions likely diversify the rate of killing (**A, B**). Supplementing Isa in NK+MM reactions enhanced the lysis into several folds. Mean CDI value = 0.73 (n=132). Data dots CDI value <1 represents synergism; <0.7 represents significant synergism. (**A, C, D**). The cognate HLA class I ligands of NK cells are given in parenthesis.