

METDTLLLWVLLLWVPGSTGAGGKPSGGRVIPVSGPARCLSQSRNLLKTTDDMVKTAREKLKHY
SCTAEDIDHEDITRDQTSTLKTCLPLELHKNESCLATRETSSTTRGSCLPPQKTSLMMTLCLGS
IYEDLKMYQTEFQAINAALQNHNHQQIILDKGMLVAIDELMQSLNHNGETLRQKPPVGEADPYR
VKMKLCILLHAFSTRVVTINRVMGYLSSGGGSGGGGSGGGGSMWELEKDVYVVEVDWTPDAPG
ETVNLTCDTPEEDDITWTS DQRHGVIGSGKTLTITVKEFLDAGQYTCHKGGETLSHSHLLLHKK
ENGIWSTEILKNFKNKTF LKCEAPNYSGRFTCSWL VQRNMDLKFNKSSSSSPDSRAVTCGMAS
LSAEKVTLDQRDYEKYSVSCQEDVTCPTAEETLPIELALEARQQNKYENYSTSFFIRDIIKPDP
PKNLQMKPLKNSQVEVSWEYPDSWSTPHSYFSLKFFVRIQRKKEKMKETEEGCNQKGAFLVEKT
STEVQCKGGNVCVQAQDRYYNSSCSKWACVPCRVRSGGGGSGGGGSAPTRSPITVTRPWKHVEA
IKEALNLLDDMPVTLNEEVEVSNEFSFKKLT CVQTRLKIFEQGLRGNFTKLKGALNMTASY YQ
TYCPPTPETDCETQVT TYAD FIDSLKTFLTDIPFECKKPGQKA

Supplementary Figure S2. The amino acid sequence of mIL12-mGMCSF fusion used in this study. Signal peptide is underlined, the linker connecting the fused proteins is in blue.