

File Name: Supplementary Data 1

Description: Primers used for V/J gene amplification. Regions of the primer that specifically bind the target gene are shown in uppercase whereas overhangs are shown in lowercase. Target V/J genes are listed, with the leader sequence for each gene designated by the suffix "_ldr".

File Name: Supplementary Data 2

Description: Isolated antibody CDR3 lengths, germline usage and scFv nucleotide sequences.