

SUPPLEMENTARY MATERIAL

496.g1 light chain variable region

AIQLTQSPSSLSASVGDRVTITCRADESVTTLMH^WYQQKPGKAPKLLIYLVS^NRESGVPSR^FSGS
GSGTDFTLTISSLQPEDFATYYCQQTWSDPWTFGQGTKVEIK

496.g3 light chain variable region – 5 mutations are underlined

AIQLTQSPSSLSASVGDRVTITCRADESVRTLMHWYQQKPGKAPKLLIYLVS^NSEIGVPDR^FSGS
GSGTDFRLTISSLQPEDFATYYCQQTWSDPWTFGQGTKVEIK

496.g1 / 496.g3 heavy chain variable region

EVQLVESGGGLVQPGGSLRLSCAASGFTFS^DYNMAWVRQAPGKGLEWVATITYEGRNTYYRD
SVKGRFTISRDNAKNSLYLQMNSLRAEDTAVYYCASPPQYYEGSIYRLWFAHWGQGTLVTVSS