

Supplemental Figure 1A

AL-579 gamma4 sequence (heavy chain)

EVQLLES GGGLVQP GGSLRLSCAASGFTFSRYVMWWVRQAPGKGLEWVSYIWPSGGNT
YYADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCASSYD **Y**WSNAFD **S**WGQG **T**LVTV
SSASTKGPSVFPLAPCSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSG
LYSLSSVVTVPSSSLGTKTYTCNVDHKPSNTKVDKRVESKYGP **P**CPPCPAPEFLGGPSVFLFPP
KPKDTLMISRTPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAKTKPREEQFNSTYRVVSV
LTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTLPPS QEEMTKNQVSLTC
LVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVM
HEALHNHYTQKSLSLSLGK

1B

AL-579 kappa sequence (light chain)

DIQMTQSPSSLSASVGDRVTITCRASQSIGSYLNWYQQKTGKAPKALIYAASSLQSGVPSRF
SGSGSGTDFTLTISLQLEDFATYYCQQSYSTPSFGQGTKVEIKRTVAAPSVFIFPPSDEQLKS
GTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEK
HKVYACEVTHQGLSSPVTKSFNRGEC