

8E2 L1	INNYLN	8E2 L3.1	QQYDNL	8E2 L3.2	DNLSPT
TS-303	VDYWVE	TS-2	QQAEDQ	TS-49	ESQAPE
TS-305	VGIYVE	TS-4	QQHEFQ	TS-51	ESQWPF
TS-306	VDKYVE	TS-6	EQFESQ	TS-55	ETQTPA
TS-307	VSMYVE	TS-7	QQHENQ	TS-57	ETQMPL
TS-310	VAMYIE	TS-9	QQAEEQ	TS-58	ETQQPF
TS-311	VSQYIE	TS-13	QQNETQ	TS-63	DTQQPN
TS-312	IGQYVE	TS-14	QQHDNQ	TS-64	ESQWFO
TS-313	VSGYVE	TS-17	SQFESQ	Consensus	ETQXPF
TS-322	VHHYME	TS-20	QQNESQ		
Consensus	VSXYVE	TS-21	QQSESQ		
		TS-22	QQFETQ		
		TS-29	QQSEEQ		
		TS-32	TQWETQ		
		Consensus	QQXESQ		

8E2 H1	SWYSMT	8E2 H2	VPSSGH	8E2 H3.1	GPGNGS	8E2 H3.2	WGSFDL
TS-66	AWWSIA	TS-97	VPWADY	TS-129	PEDWGM	TS-213	WGQFAV
TS-69	GWWSVT	TS-101	VEWGDL	TS-133	PVDWGR	TS-214	WGSFEW
TS-71	WRWSIT	TS-103	VPYGDL	TS-134	PEDWGL	TS-215	WGSFWQ
TS-76	WRWSIT	TS-104	VPWGTI	TS-135	PLDWGL	TS-218	WGSFEW
TS-79	AWFSVT	TS-107	VPWGDF	TS-136	PLDWGR	TS-221	WGSFWY
TS-82	WRWSVT	TS-108	VPWGTL	TS-140	PNDWGL	TS-222	WGTFAY
TS-88	WRWSIT	TS-115	VPHGDL	TS-143	PHDWGL	TS-224	WGSFWT
TS-89	WRWSIT	Consensus	VPWGDL	TS-151	PHDWGR	Consensus	WGSFWY
TS-90	EWYSIT			TS-156	PEDWGR		
TS-91	GWWSIT			Consensus	PEDWGX		
TS-92	GWWSIT						
Consensus	WWWSIT						

		CDR1		CDR2
8E2	DIQMTQSPSSLSASVGDRVITTC	<u>QASQD</u>	<u>INNYLN</u>	<u>WYQQKPGKAPKLLIY</u>
TS-303	DIQMTQSPSSLSASVGDRVITTC	QASQD	VDYWVE	WYQQKPGKAPKLLIY
TS-305	DIQMTQSPSSLSASVGDRVITTC	QASQD	VGIYVE	WYQQKPGKAPKLLIY
TS-306	DIQMTQSPSSLSASVGDRVITTC	QASQD	VDKYVE	WYQQKPGKAPKLLIY
TS-307	DIQMTQSPSSLSASVGDRVITTC	QASQD	VSMYVE	WYQQKPGKAPKLLIY
TS-310	DIQMTQSPSSLSASVGDRVITTC	QASQD	VAMYIE	WYQQKPGKAPKLLIY
TS-311	DIQMTQSPSSLSASVGDRVITTC	QASQD	VSQYIE	WYQQKPGKAPKLLIY
TS-312	DIQMTQSPSSLSASVGDRVITTC	QASQD	IGQYVE	WYQQKPGKAPKLLIY
TS-313	DIQMTQSPSSLSASVGDRVITTC	QASQD	VSGYVE	WYQQKPGKAPKLLIY
TS-322	DIQMTQSPSSLSASVGDRVITTC	QASQD	VHHYME	WYQQKPGKAPKLLIY
TS-2	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-4	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-6	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-7	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-9	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-13	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-14	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-17	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-20	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-21	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-22	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-29	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-32	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-49	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-51	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-55	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-57	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-58	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-63	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
TS-64	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY
Consensus	DIQMTQSPSSLSASVGDRVITTC	QASQD	XXXXXX INNYLN VDYWVE GI I SK M AM HQ G H	WYQQKPGKAPKLLIY
				DASNLQT

Figure 3A

CDR 3				
8E2	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 5
TS-303	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 6
TS-305	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 7
TS-306	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 8
TS-307	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 9
TS-310	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-311	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-312	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-313	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-322	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-2	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQAEDQ SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-4	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQHEFQ SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-6	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQFESQ SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-7	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQHENQ SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-9	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQAEEQ SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-13	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQNETQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-14	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQHDNQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-17	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQFESQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-20	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQNESQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-21	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQSESQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-22	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQFETQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-29	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQSEEQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-32	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	TQWETQ SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-49	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYESQ APE	FGPGTKVDIK	SEQ ID NO: 2
TS-51	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYESQ WPF	FGPGTKVDIK	SEQ ID NO: 2
TS-55	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYETQ TPA	FGPGTKVDIK	SEQ ID NO: 3
TS-57	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYETQ MPL	FGPGTKVDIK	SEQ ID NO: 3
TS-58	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYETQ QPF	FGPGTKVDIK	SEQ ID NO: 3
TS-63	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYDTQ QPN	FGPGTKVDIK	SEQ ID NO: 3
TS-64	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QQYESQ WPQ	FGPGTKVDIK	SEQ ID NO: 3
Consensus	GVPSRFSGSGSGTDFFTFTISSLQPEDIAITYYC	QXXXXX XPX Q YDNL S T E AEDQ A E S H F W F T F S T A N E M L S T Q N W Q	FGPGTKVDIK	SEQ ID NO: 3

Figure 3A Continued

		CDR1		CDR2	
8E2	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY	DASNLQT
TS-306	DIQMTQSPSSLSASVGDRVITTC	QASQD	VDKYVE	WYQQKPGKAPKLLIY	DASNLQT
TS-2	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY	DASNLQT
TS-4	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY	DASNLQT
TS-7	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY	DASNLQT
TS-14	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY	DASNLQT
TS-51	DIQMTQSPSSLSASVGDRVITTC	QASQD	INNYLN	WYQQKPGKAPKLLIY	DASNLQT
Consensus	DIQMTQSPSSLSASVGDRVITTC	QASQD	XXXXXX IDK LN VNN VE	WYQQKPGKAPKLLIY	DASNLQT

		CDR3			
8E2	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QQYDNL	SPT	FGPGTKVDIK	SEQ ID NO: 5
TS-306	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QQYDNL	SPT	FGPGTKVDIK	SEQ ID NO: 8
TS-2	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QQAEDQ	SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-4	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QQHEFQ	SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-7	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QQHENQ	SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-14	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QQHDNQ	SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-51	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QQYESQ	WPF	FGPGTKVDIK	SEQ ID NO: 2
Consensus	GVPSRFSGSGSGTDFTFTISSLPEDIATYYC	QXXXXX	KPX YDNL S T AEDQ W F H F N S	FGPGTKVDIK	SEQ ID NO: 3

Figure 3B

		CDR1		CDR2	
8E2	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
T6-66	EVQLLESGGGLVQPGGSLRLSCAASGFTF	A	WWSIA WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-69	EVQLLESGGGLVQPGGSLRLSCAASGFTF	G	WWSVT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-71	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSTT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-76	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSIT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-79	EVQLLESGGGLVQPGGSLRLSCAASGFTF	A	WFSVT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-82	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSVT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-88	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSTT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-89	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSIT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-91	EVQLLESGGGLVQPGGSLRLSCAASGFTF	G	WWSLT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-92	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WWSIT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-97	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPWADY TQYADSVK
TS-101	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPWGDL TQYADSVK
TS-103	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-104	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPWGTL TQYADSVK
TS-107	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPWGDF TQYADSVK
TS-108	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPWGTL TQYADSVK
TS-115	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-129	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-133	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-134	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-135	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-136	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-140	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-143	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-151	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-156	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-213	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-214	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-215	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-218	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-221	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-222	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-224	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
Consensus	EVQLLESGGGLVQPGGSLRLSCAASGFTF	X	XXSXX WVRQAPGKGLEWVS	SI	VPXXXX TQYADSVK
		S	WY MT		SGGH
		A	RW IA		WADY
		G	F V		Y TL
		W	T		H I
			L		F

Figure 3C

CDR3

8E2	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
T6-66	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-69	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-71	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-76	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-79	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-82	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-88	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-89	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-91	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-92	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-97	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-101	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-103	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-104	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-107	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-108	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-115	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-129	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PED	WGMFDL	WGRGTLVTVSS	SEQ ID NO:
TS-133	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PVD	WGRFDL	WGRGTLVTVSS	SEQ ID NO:
TS-134	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PED	WGLFDL	WGRGTLVTVSS	SEQ ID NO:
TS-135	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PLD	WGLFDL	WGRGTLVTVSS	SEQ ID NO:
TS-136	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PLD	WGRFDL	WGRGTLVTVSS	SEQ ID NO:
TS-140	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PND	WGLFDL	WGRGTLVTVSS	SEQ ID NO:
TS-143	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PHD	WGLFDL	WGRGTLVTVSS	SEQ ID NO:
TS-151	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PHD	WGRFDL	WGRGTLVTVSS	SEQ ID NO:
TS-156	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PED	WGRFDL	WGRGTLVTVSS	SEQ ID NO:
TS-213	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGQFAV	WGRGTLVTVSS	SEQ ID NO:
TS-214	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFWF	WGRGTLVTVSS	SEQ ID NO:
TS-215	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFWQ	WGRGTLVTVSS	SEQ ID NO:
TS-218	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFWE	WGRGTLVTVSS	SEQ ID NO:
TS-221	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFWY	WGRGTLVTVSS	SEQ ID NO:
TS-222	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGTFAY	WGRGTLVTVSS	SEQ ID NO:
TS-224	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFWT	WGRGTLVTVSS	SEQ ID NO:
Consensus	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	XXX	WGXFXX	WGRGTLVTVSS	SEQ ID NO:
		GPG	S DL		
		PED	M AV		
		V	R WF		
		L	L Q		
		N	Q E		
		H	T Y		
		E	T		

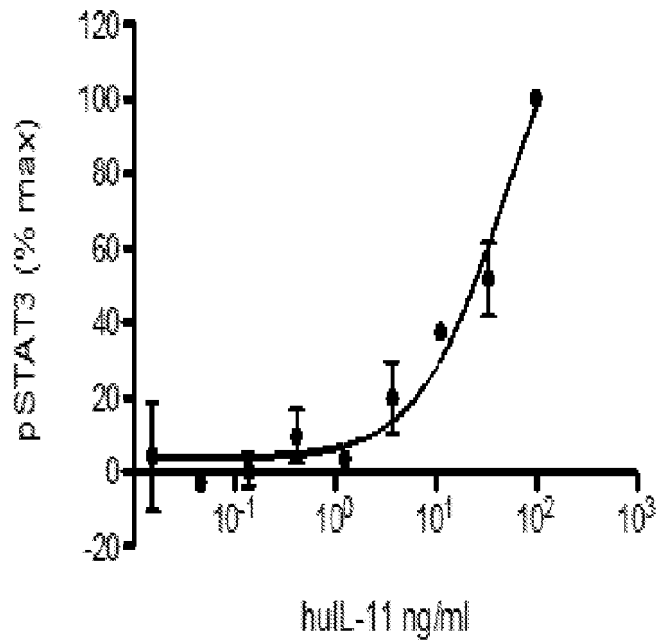
Figure 3C Conti

		CDR1		CDR2	
8E2	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPSGGH TQYADSVK
TS-101	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPWGD L TQYADSVK
TS-108	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPWGTL TQYADSVK
TS-134	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPSGGH TQYADSVK
TS-136	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPSGGH TQYADSVK
Consensus	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPXGXX TQYADSVK S GH W DL T
		CDR3			
8E2	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-101	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-108	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	GPG	WGSFDL	WGRGTLVTVSS	SEQ ID NO:
TS-134	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PED	WGLFDL	WGRGTLVTVSS	SEQ ID NO:
TS-136	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	PLD	WGRFDL	WGRGTLVTVSS	SEQ ID NO:
Consensus	RFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK	XXX	WGXF DL	WGRGTLVTVSS	SEQ ID NO:
		GPG	S		
		PED	L		
		L	R		

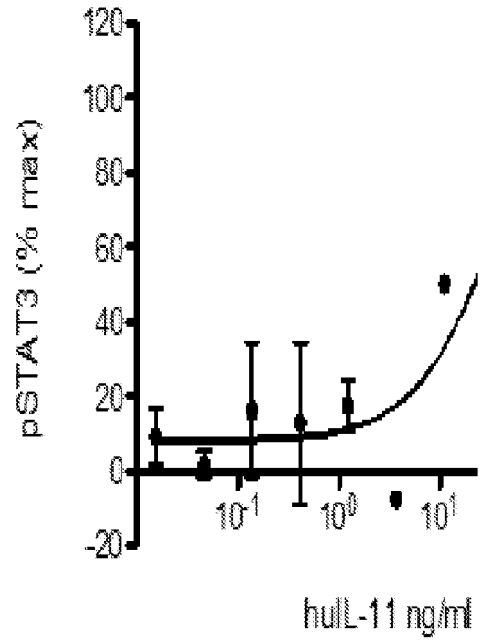
Figure 3D

a

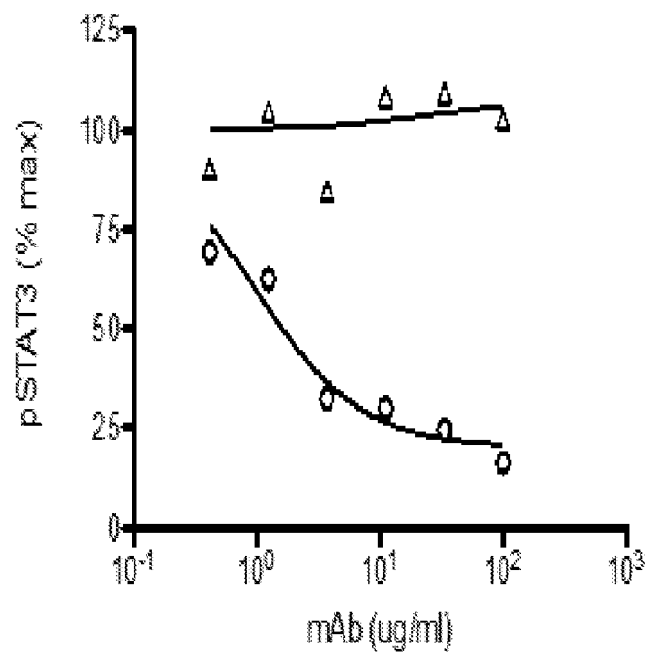
DLD-1

**b**

MKN-28

**c**

DLD-1

**d**

MKN-28

