

8E2 L1 INNYLN

TS-303 VDYWVE

TS-305 VGIYVE

TS-306 VDKYVE

TS-307 VSMYVE

TS-310 VAMYIE

TS-311 VSQYIE

TS-312 IGQYVE

TS-313 VSGYVE

TS-322 VHHYME

Consensus VSXYVE

8E2 L3.1 QQYDNL

TS-2 QQAEDQ

TS-4 QQHEFQ

TS-6 EQFESQ

TS-7 QQHENQ

TS-9 QQAEFQ

TS-13 QQNETQ

TS-14 QQHDNQ

TS-17 SQFESQ

TS-20 QQNESQ

TS-21 QQSESQ

TS-22 QQFETQ

TS-29 QQSEEQ

TS-32 TQWETQ

Consensus QQXESQ

8E2 L3.2 DNLSPF

TS-49 ESQAPE

TS-51 ESQWPF

TS-55 ETQTPA

TS-57 ETQMPL

TS-58 ETQQPF

TS-63 DTQQPN

TS-64 ESQWPF

Consensus ETQXPF

8E2 H1	SWYSMT	8E2 H2	VP3GGH	8E2 H3.1	GPGNGS	8E2 H3.2	WGSFDL
TS-66	AMWSIA	TS-97	VPWADY	TS-129	PEDWGM	TS-213	WGQFAY
TS-69	GNWSVT	TS-101	VPWGDL	TS-133	PVDWGR	TS-214	WGSFWF
TS-71	WRWSTT	TS-103	VPYGDL	TS-134	PEDWGL	TS-215	WGSFWQ
TS-76	WRWSIT	TS-104	VEWGTH	TS-135	PLDWGL	TS-218	WGSFWE
TS-79	ANESVT	TS-107	VPWGDF	TS-136	PLDWGR	TS-221	WGSFWY
TS-82	WRWSVT	TS-108	VEWGTH	TS-140	PNDWGL	TS-222	WGTFAY
TS-88	WRWSTT	TS-115	VEHGDL	TS-143	PHDWGL	TS-224	WGSFWT
TS-89	WRWSIT	Consensus	VPWGDL	TS-151	PHDWGR	Consensus	WGSFWY
TS-90	EWYSIT			TS-156	PEDWGR		
TS-91	GNWSLT			Consensus	PEDWGX		
TS-92	SNWSIT						
	Consensus	WRWSIT					

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

Figure 3A

		CDR3			
8E2	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 5	
TS-303	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 6	
TS-305	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 7	
TS-306	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 8	
TS-307	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 9	
TS-310	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-311	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-312	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-313	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-322	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDNL SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-2	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQAEDQ SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-4	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQHEFQ SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-6	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	EQFESQ SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-7	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQHENQ SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-9	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQAEEQ SPT	FGPGTKVDIK	SEQ ID NO: 1	
TS-13	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQNETQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-14	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQHDNQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-17	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	SQFESQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-20	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQNESQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-21	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQSESQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-22	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQFETQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-29	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQSEEQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-32	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	TQWETQ SPT	FGPGTKVDIK	SEQ ID NO: 2	
TS-49	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYESQ APE	FGPGTKVDIK	SEQ ID NO: 2	
TS-51	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYESQ WPF	FGPGTKVDIK	SEQ ID NO: 2	
TS-55	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYETQ TPA	FGPGTKVDIK	SEQ ID NO: 3	
TS-57	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYETQ MPL	FGPGTKVDIK	SEQ ID NO: 3	
TS-58	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYETQ QPF	FGPGTKVDIK	SEQ ID NO: 3	
TS-63	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYDTQ QPN	FGPGTKVDIK	SEQ ID NO: 3	
TS-64	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	QQYESQ WFO	FGPGTKVDIK	SEQ ID NO: 3	
Consensus	GVPSRFSGSGSGTDFTFTISSLQPEDIAITYYC	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	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQYDNL	SPT	FGPGTKVDIK	SEQ ID NO: 5
TS-306	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQYDNL	SPT	FGPGTKVDIK	SEQ ID NO: 8
TS-2	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQAEDQ	SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-4	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQHEFQ	SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-7	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQHENQ	SPT	FGPGTKVDIK	SEQ ID NO: 1
TS-14	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQHDNQ	SPT	FGPGTKVDIK	SEQ ID NO: 2
TS-51	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQYESQ	WPF	FGPGTKVDIK	SEQ ID NO: 2
Consensus	GVPSRFGSGSGTDFTFTISSLQPEDIATYYC	QQXXXX	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 VPSGGH TQYADSVK
T6-66	EVQLLESGGGLVQPGGSLRLSCAASGFTF	A	WWSIA	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-69	EVQLLESGGGLVQPGGSLRLSCAASGFTF	G	WWSVT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-71	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSTT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-76	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSIT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-79	EVQLLESGGGLVQPGGSLRLSCAASGFTF	A	WFSVT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-82	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSVT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-88	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSTT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-89	EVQLLESGGGLVQPGGSLRLSCAASGFTF	W	RWSIT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-91	EVQLLESGGGLVQPGGSLRLSCAASGFTF	G	WWSLT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-92	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WWSIT	WVRQAPGKGLEWVS	SI VPSGGH 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 VPYGD L TQYADSVK
TS-104	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPWGTI 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 VPHGDL TQYADSVK
TS-129	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-133	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-134	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-135	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-136	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-140	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-143	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-151	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-156	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-213	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-214	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-215	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-218	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-221	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-222	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH TQYADSVK
TS-224	EVQLLESGGGLVQPGGSLRLSCAASGFTF	S	WYSMT	WVRQAPGKGLEWVS	SI VPSGGH 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		

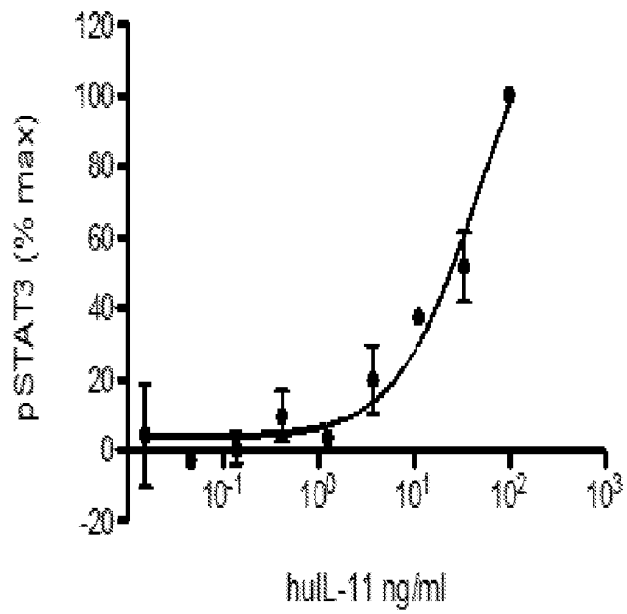
Figure 3C Conti

		CDR1		CDR2	
8E2	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-101	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPWGDL TQYADSVK
TS-108	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPWGTL TQYADSVK
TS-134	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPSSGGH TQYADSVK
TS-136	EVQLLESGGGLVQPGGSLRLSCAASGFTF S	WYSMT	WVRQAPGKGLEWVS	SI	VPSSGGH 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		

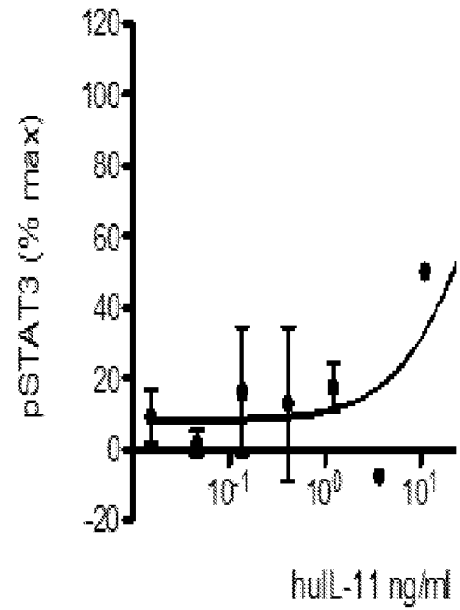
Figure 3D

a

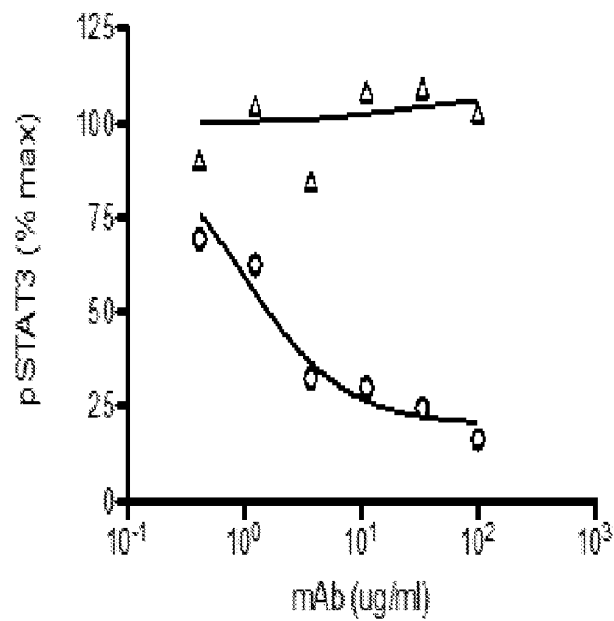
DLD-1

**b**

MKN-28

**c**

DLD-1

**d**

MKN-28

