

**A**

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          FR1          CDR1          FR2          CDR2          FR3          CDR3          FR4
TCL1-005 EFRLVESGGGLVQPGGSRGLSCEGS GFTFSGFW MSWVRQTPGKLEWIGD INSDGSAI NYAPSIKDRFTIFRDNDKSTLYLQMSNVRSEDATATYF CMR YGSSYWFYFDV WGTGTTVTVSSE
TCL1-006 .....L.....N.....S.....S.....N.....
U64422 .....
U64424 .....S.....N.....
X53343 .....D.....N.....
U64425 .....NH.....
U64357 .....S.....
X53346 .....S.....P.....
U64412 .....S.....N.....
    
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Gene No.	Source	VH family	VH gene	D gene	JH gene	Reference	Comments
TCL1-005	TCL1 mouse	11	V11S1	DFL16.1	1	This study	
TCL1-006	TCL1 mouse	11	V11S1	DSP2.x	1	This study	
U64422	Anti-phosphatidylcholine	11	V11S1	DFL16.1	1	Ref. 1	Identical to X53345 (Ref. 2)
U64424	Anti-phosphatidylcholine	11	V11S1	DSP2.x	1	Ref. 1	
X53343	Anti-phosphatidylcholine	11	V11S1	DSP2.2	1	Ref. 2	
U64425	Anti-phosphatidylcholine	11	V11S1	DSP2.1	1	Ref. 1	
U64357	Anti-phosphatidylcholine	11	V11S1	DFL16.1	1	Ref. 1	Identical to U64358 (Ref. 1)
X53346	Anti-phosphatidylcholine	11	V11S1	DFL16.AF	1	Ref. 2	
U64412	Anti-phosphatidylcholine	11	V11S1	DSP2.1	1	Ref. 1	Identical to U64373 (Ref. 1) and M34576 (Ref. 3)

**B**

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          FR1          CDR1          FR2          CDR2          FR3          CDR3          FR4
TCL1-007 VQLQESGAELVKPGASVKMSCKAS GYTFTSYW ITWVKQRPGGLEWIGD IYPGSGST NYNEKFKSKATLTVDTSSSTAYMQLSSLTSEDSAVYY CAR IYYGSSYAMDY WQGTTVTVSS
TCL1-008 .....L.....N.....N.....S.....S.....D.....Y.....
M15226 .....Q.....AR.....L.....MG.....D.....D.....R.....TQ.....G.....A.....K.....F.....
X05762 .....G.....N.....X.....XX.....Y.....N.....N.....Y.....K.....G.....L.....X.....R.....X.....XXXX.....S.....G.....X.....X.....
    
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Gene No.	Source	VH family	VH gene	D gene	JH gene	Reference
TCL1-007	TCL1 mouse	1	V165.1	DFL16.1	4	This study
TCL1-008	TCL1 mouse	1	V1S61	DFL16.1	4	This study
M15226	Anti-5-dimethylaminonaphthalene-1-sulfonyl	1	J558.19	DFL16.1	4	Ref. 4

X05762	Anti-Brucella abortus	1	VhId (CR)	DFL16.1	4	Ref. 5
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