

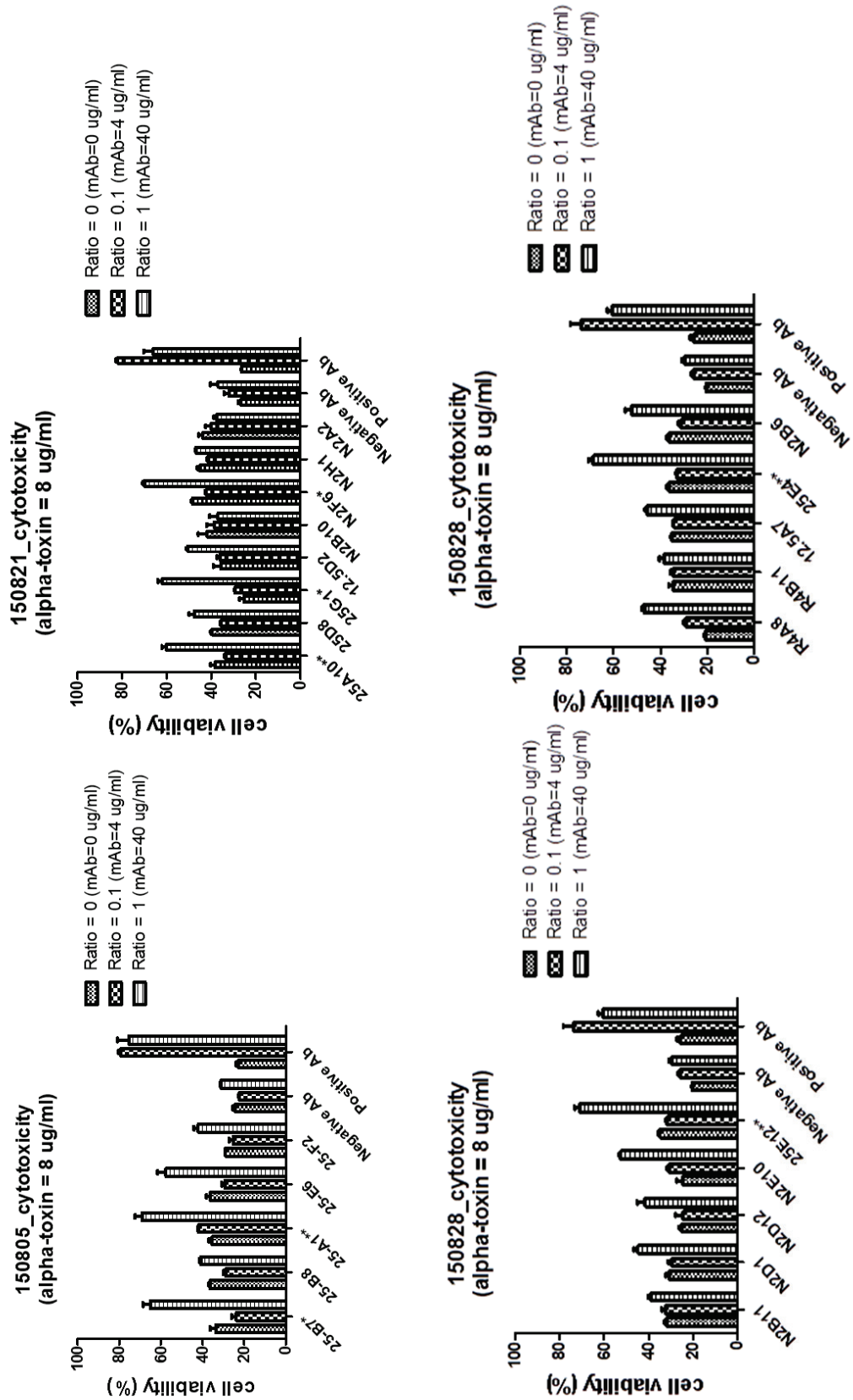


Figure 1

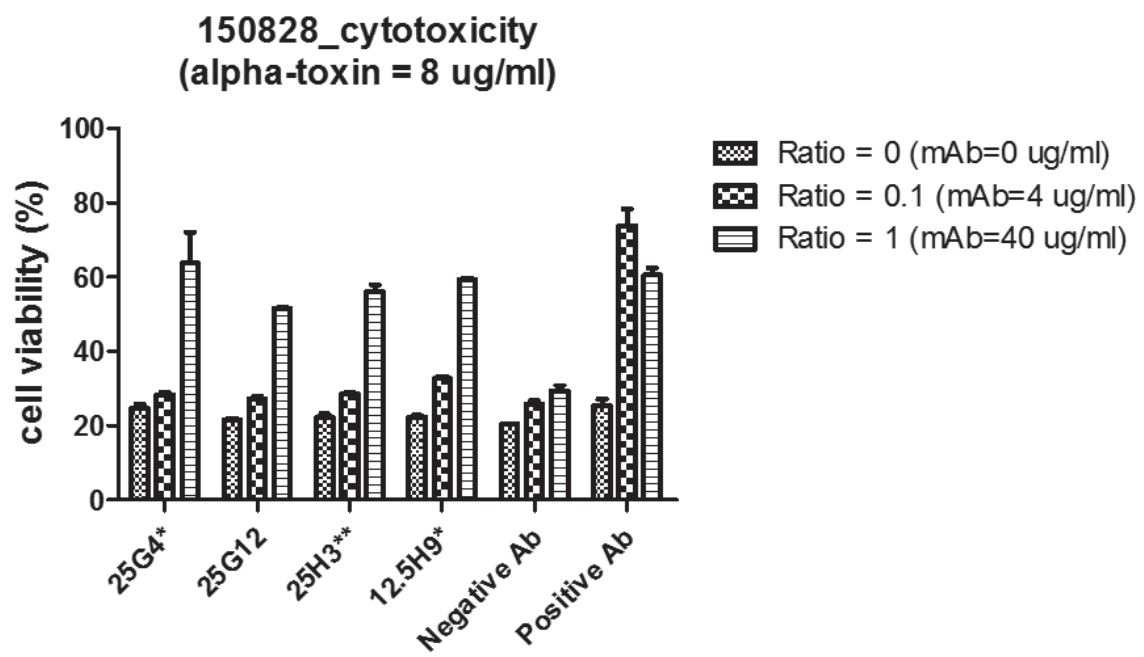
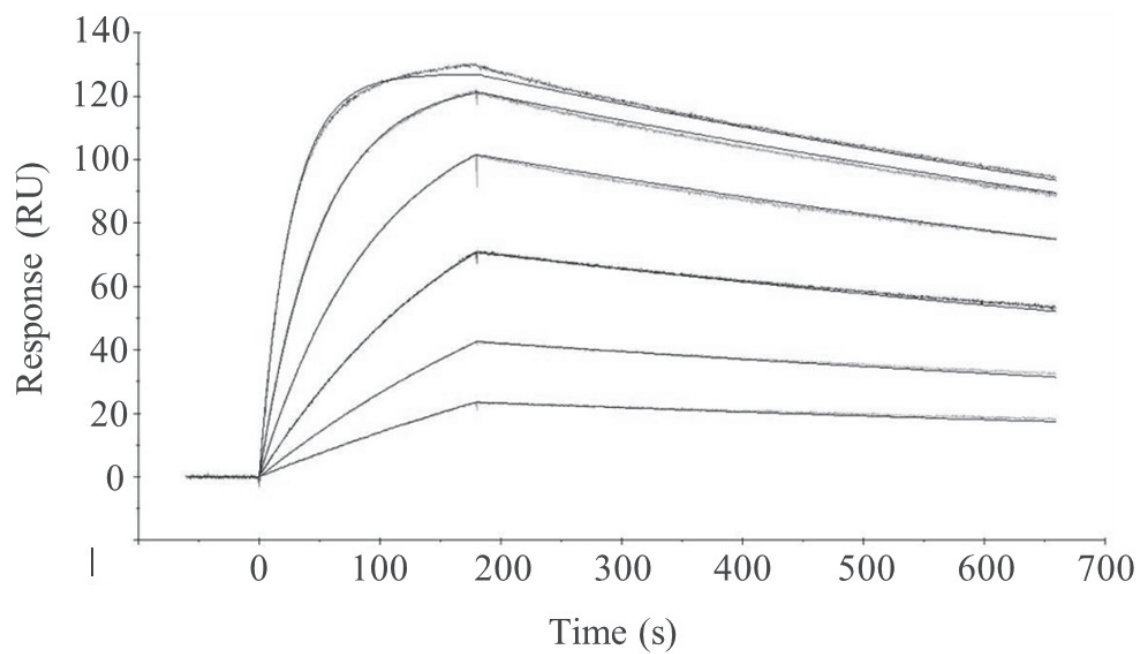


Figure 1 (cont.)



k_{on} (1/Ms)	k_{off} (1/s)	K_D (M)	R_{max}	Chi ²
7.608E+5	6.349E-4	8.346E-10	129.0	0.581

Figure 2

	1	10	20	30	40	50	60
25A1-VH	QVKLQQSGPELVKPGASVKISCKAS			GYSFTDYNM	NVVKQSHGKSLEWIG		SINPYYGITSYNQTFKG
IGHV1-2	QVQLVQSGAEVKKPGASVKV	SCKAS	GYSFTDYNM	NVVRQAPGQGLEWMG			SINPNSGGTNYAQKFQG
HU25A1-VH	QVQLVQSGAEVKKPGASVKV	SCKAS	GYSFTDYNM	NVVRQAPGQGLEWMG			SINPYYGITSYNQTFKG
HU25A1/VHB2	QVQLVQSGAEVKKPGASVKV	SCKAS	GYSFTDYNM	NVVRQAPGQGLEWMG			SINPYYGITSYNQTFKG
HU25A1/VHB5	QVQLVQSGAEVKKPGASVKV	SCKAS	GYSFTDYNM	NVVRQAPGQGLEWMG			SINPYYGITSYNQTFKG
	70	80	90	100	110		
25A1-VH	KATLTVDKSSSTAYMQLNSLTSEDSAVYYCAR			IYYGDSLGLDY	WGQGT	TVTVSS	
IGHV1-2	RVTMT	RDTSISTAYMEL	SRLRSDDTAVYYCAR	WGGDGFYAMDV	WGQGT	LTVTSS	
HU25A1-VH	RVTMT	RDTSISTAYMEL	SRLRSDDTAVYYCAR	IYYGDSLGLDY	WGQGT	LTVTSS	
HU25A1/VHB2	RVTLT	VDKSISTAYMEL	SRLRSDDTAVYYCAR	IYYGDSLGLDY	WGQGT	LTVTSS	
HU25A1/VHB5	RVTLT	VDTSISTAYMEL	SRLRSDDTAVYYCAR	IYYGDSLGLDY	WGQGT	LTVTSS	
	1	10	20	30	40	50	
25A1-VL	DIELTQSPAISASPGKVTMTCS		SASSSVSYMH	WYQQKSGTSPKRWIY		DTSKLAS	
IGVK3-11	EIVLTQSPATLSLSPGERATLS	CRASQSVSSYLA	WYQQKPGQAPRLIY		DASNRA		
HU25A1-VL	EIVLTQSPATLSLSPGERATLS		SASSSVSYMH	WYQQKPGQAPRLIY		DTSKLAS	
HU25A1/VLB4	EIVLTQSPATLSLSPGERATLS		SASSSVSYMH	WYQQKPGQAPRRWIY		DTSKLAS	
HU25A1/VLB6	EIVLTQSPATLSLSPGERATLS		SASSSVSYMH	WYQQKPGQAPRLIY		DTSKLAS	
	60	70	80	90	100		
25A1-VL	GVPARFSGSGSGTSYSLTIS	SMEAEDAATYYC	QQWSSNPLT	FGAGTKLEIKR			
IGVK3-11	GIPARFSGSGSGTDFTLTIS	SLEPEDFAVYYC	QQRSNWP	FGQGTKVEIKR			
HU25A1-VL	GIPARFSGSGSGTDFTLTIS	SLEPEDFAVYYC	QQWSSNPLT	FGQGTKVEIKR			
HU25A1/VLB4	GIPARFSGSGSGTDFTLTIS	SLEPEDFAVYYC	QQWSSNPLT	FGQGTKVEIKR			
HU25A1/VLB6	GIPARFSGSGSGTDFTLTIS	SLEPEDFAVYYC	QQWSSNPLT	FGQGTKVEIKR			

Figure 3(A)

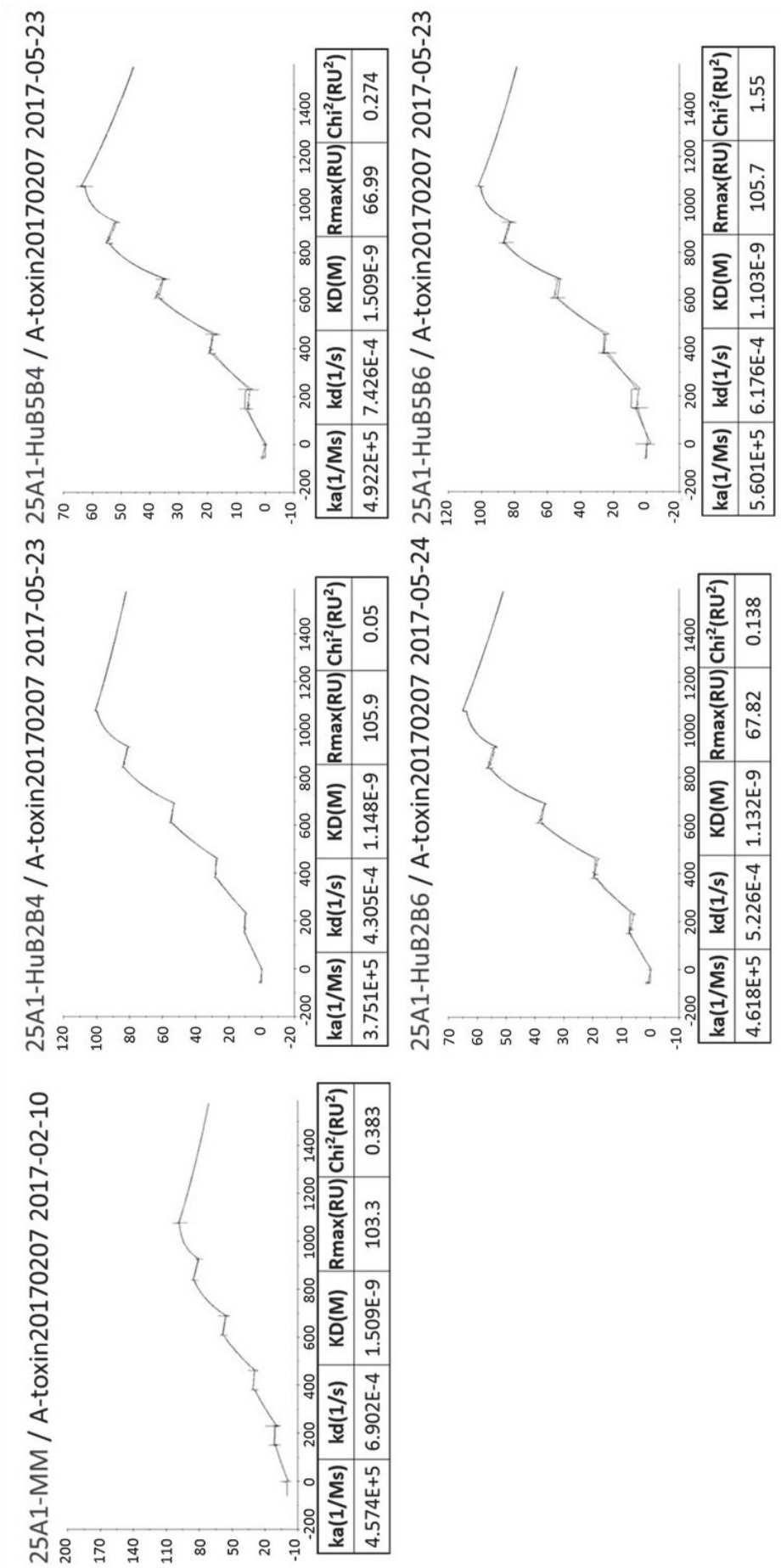


Figure 3(B)

25A1-B5B6AQT Heavy chain:

DPKGSLSWRILLFSLAFELSYGQVQLVQSGAEVKKPGASVKVSCKASGYSFTDYNMNWVRQAPGQGL
EWMGSINPYYGITSY**A**QTFKGRVTLTVDTISITAYMELSRLRSDDTAVYYCARIYYGDSLGLDYWGQG
TLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSG
LYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPK
PKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWL
NGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
SNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSQSVMEALHNHYTQKSLSLSPG*

25A1-B5B6AQT Light chain:

METDTLLLWVLLLVPGSTGEIVLTQSPATLSLSPGERATLSCSASSSVSYMHWYQQKPGQAPRRLIY
DTSKLASGIPARFSGSGSGTDFTLTISLLEPEDFAVYYCQQWSSNPLTFGQGTKVEIKRTVAAPSVFI
FPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKAD
YEKHKVYACEVTHQGLSSPVTKSFNRGEC*

Figure 3(C)

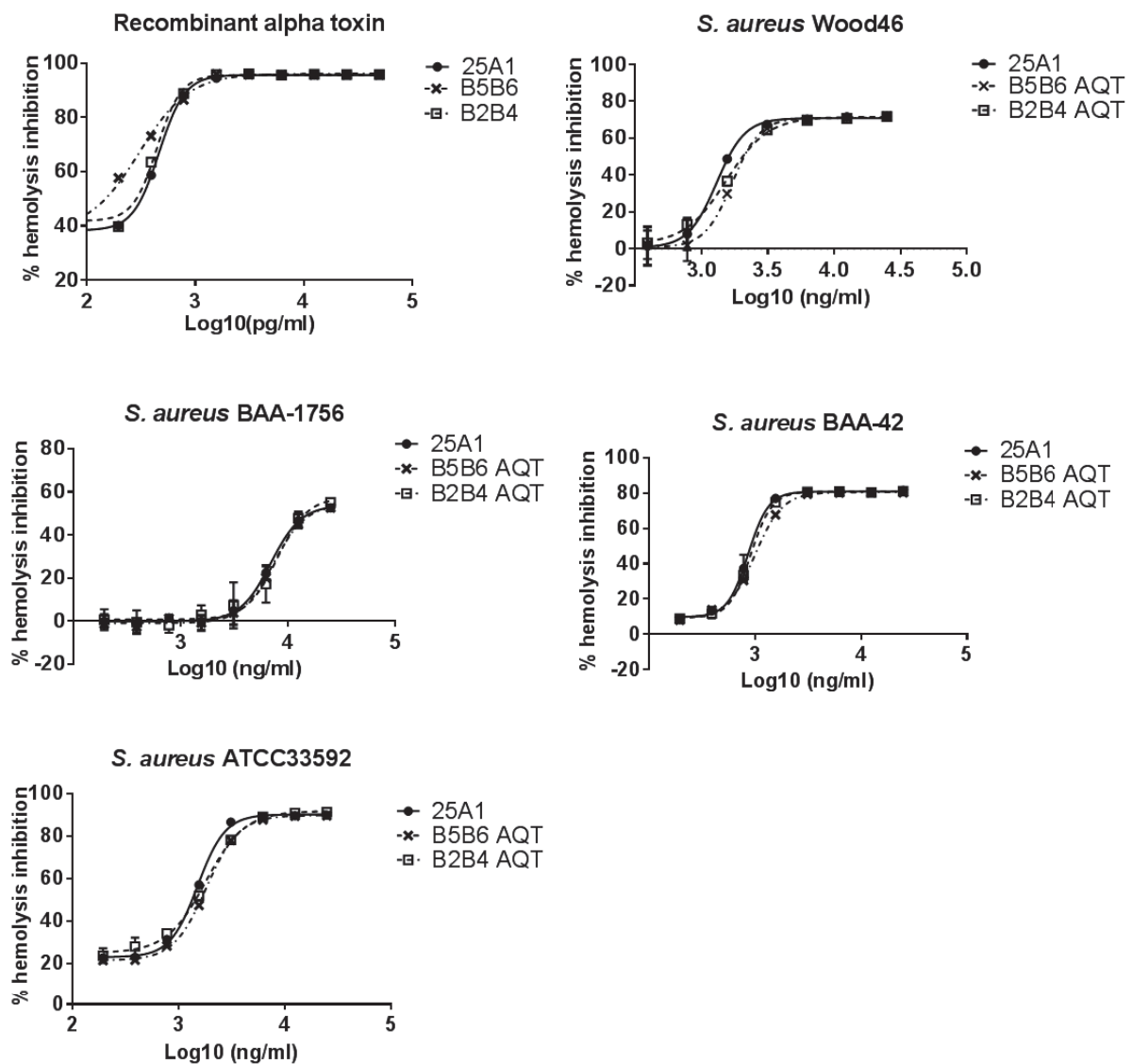


Figure 4

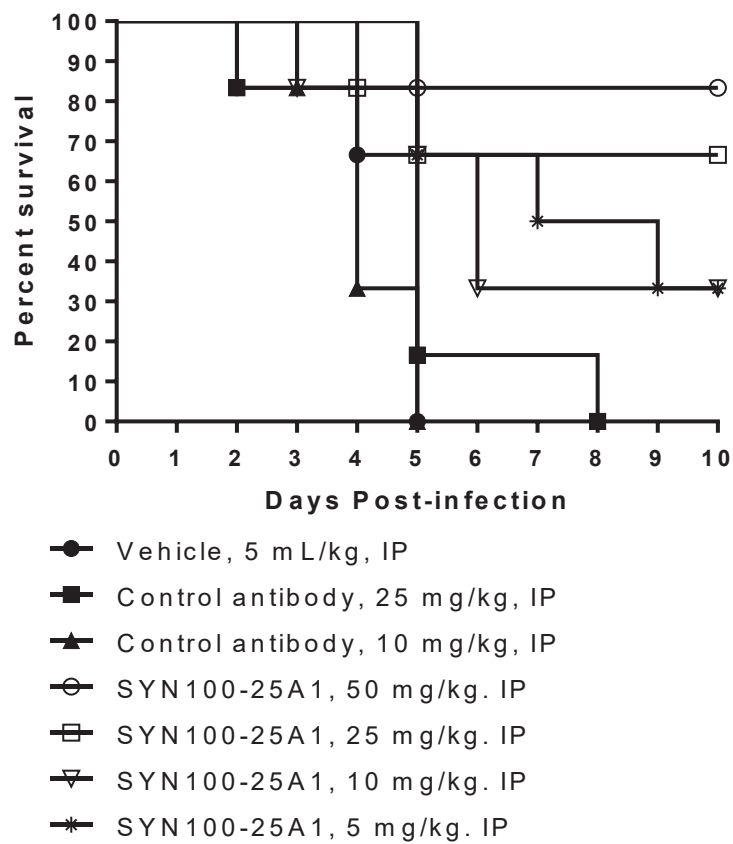


Figure 5

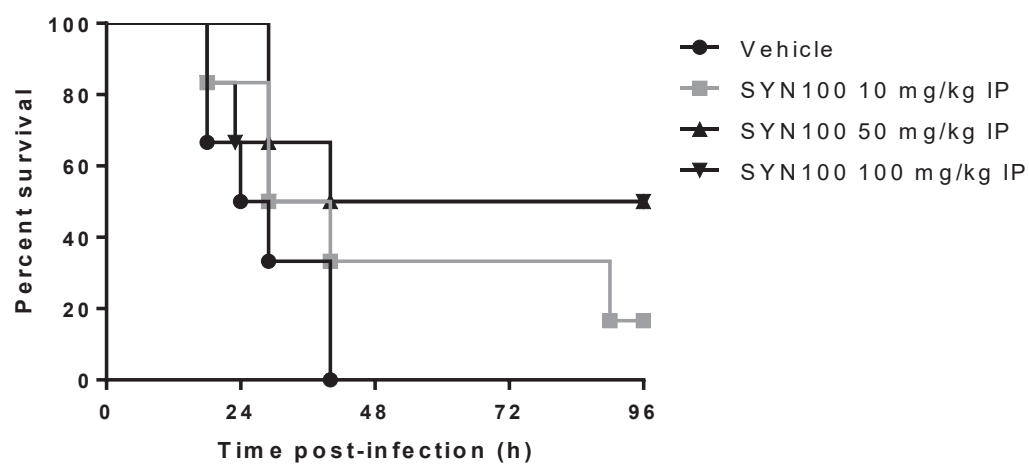


Figure 6

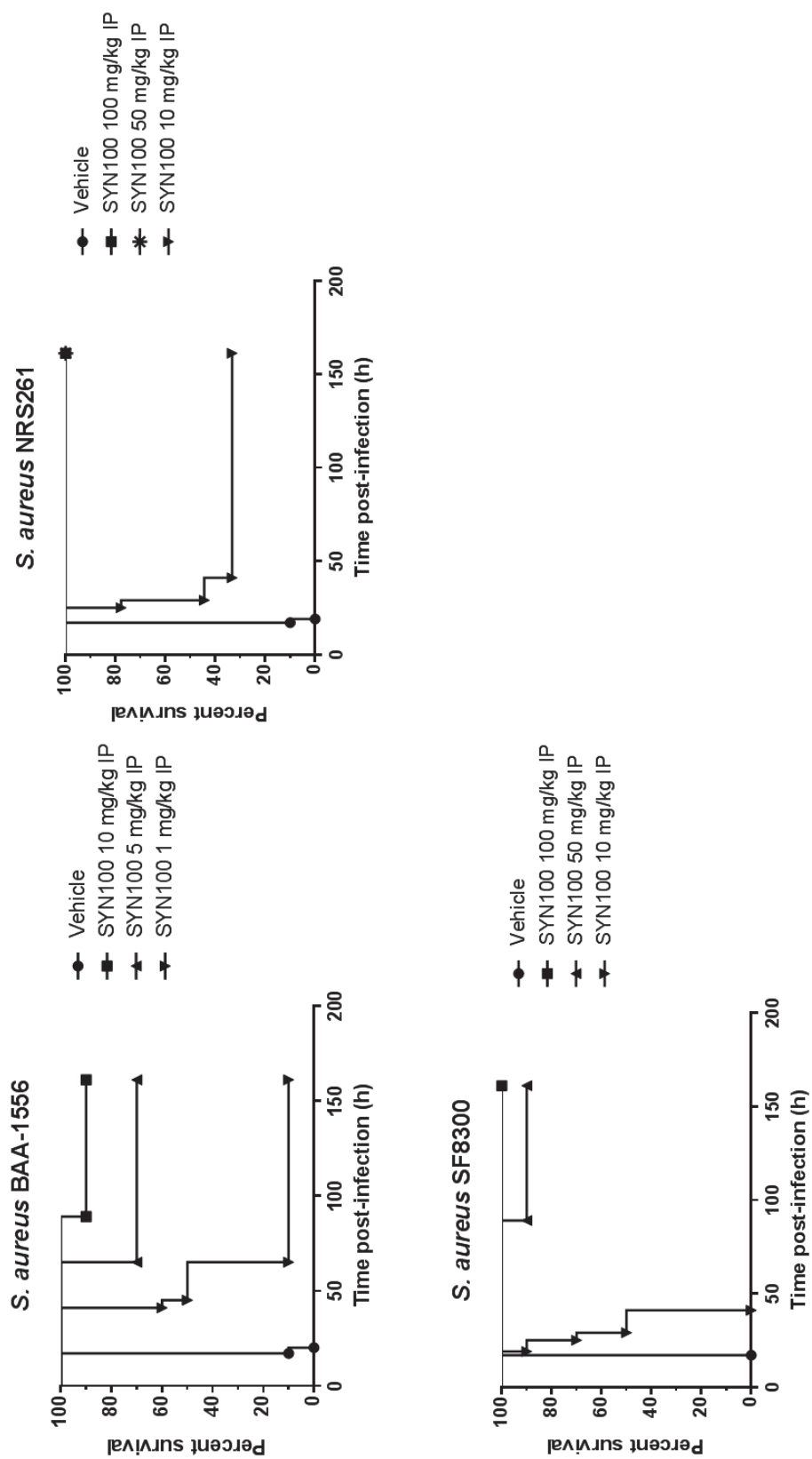


Figure 7

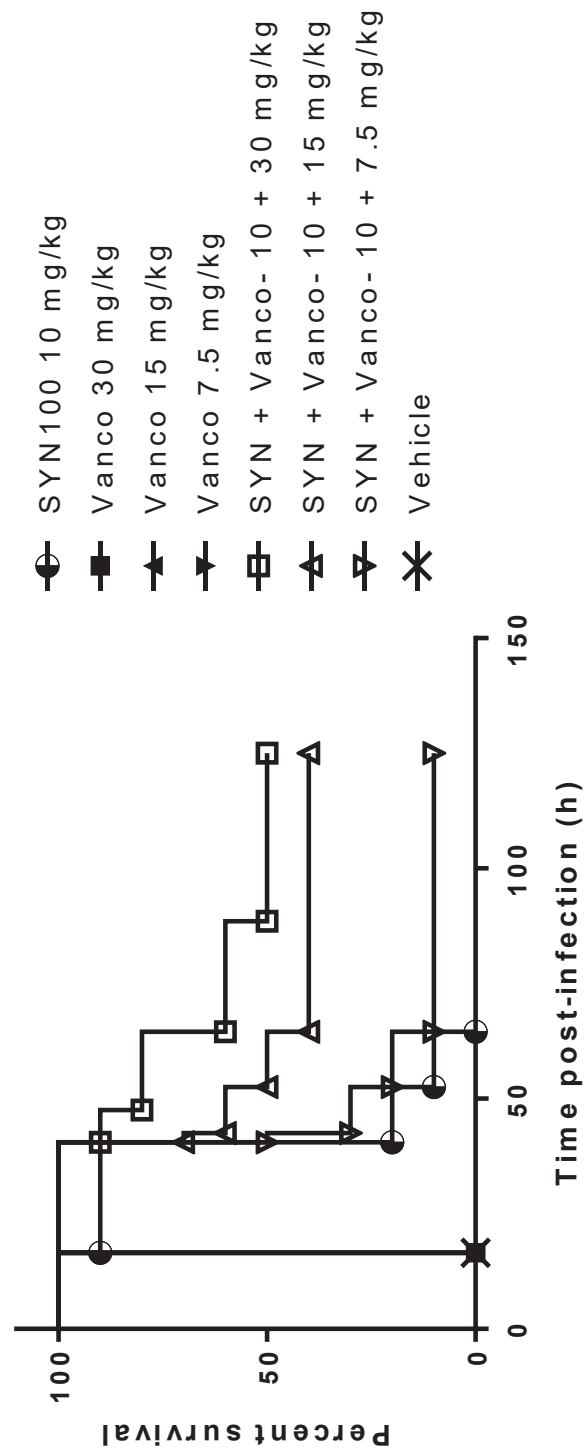


Figure 8

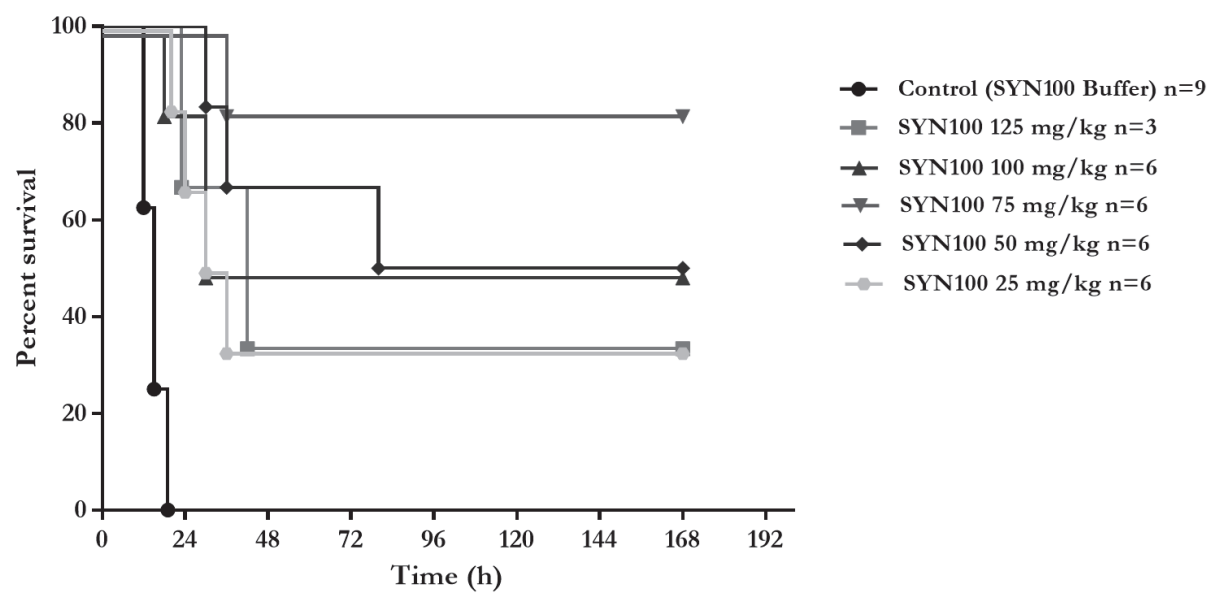


Figure 9

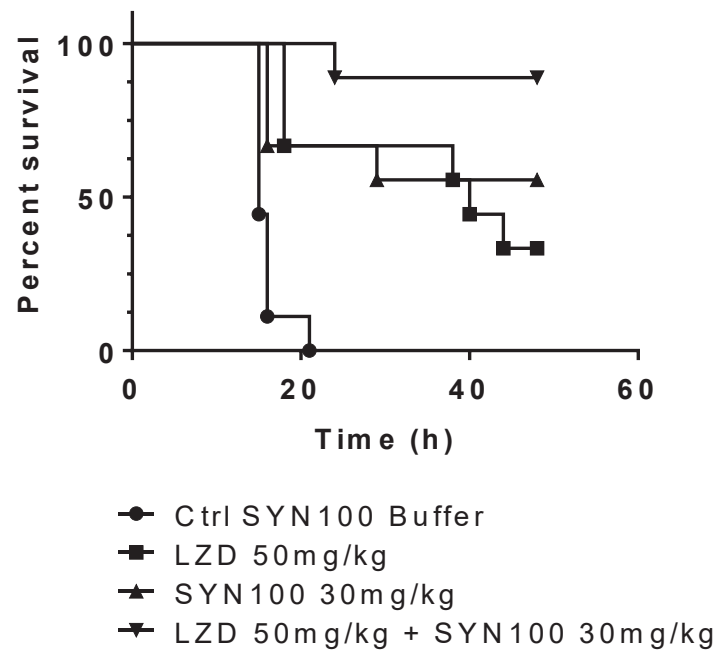


Figure 10 (A)

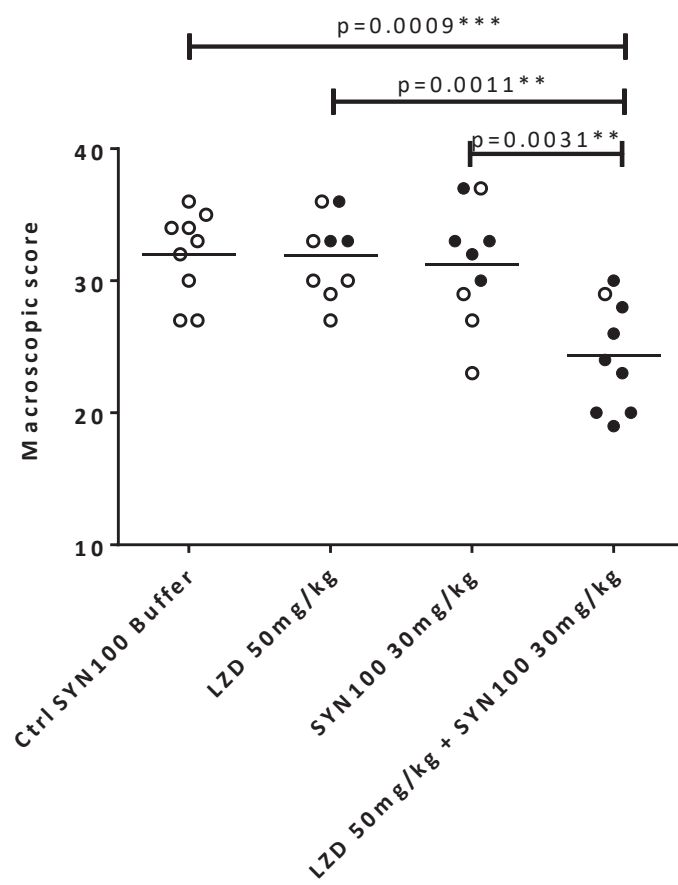


Figure 10 (B)

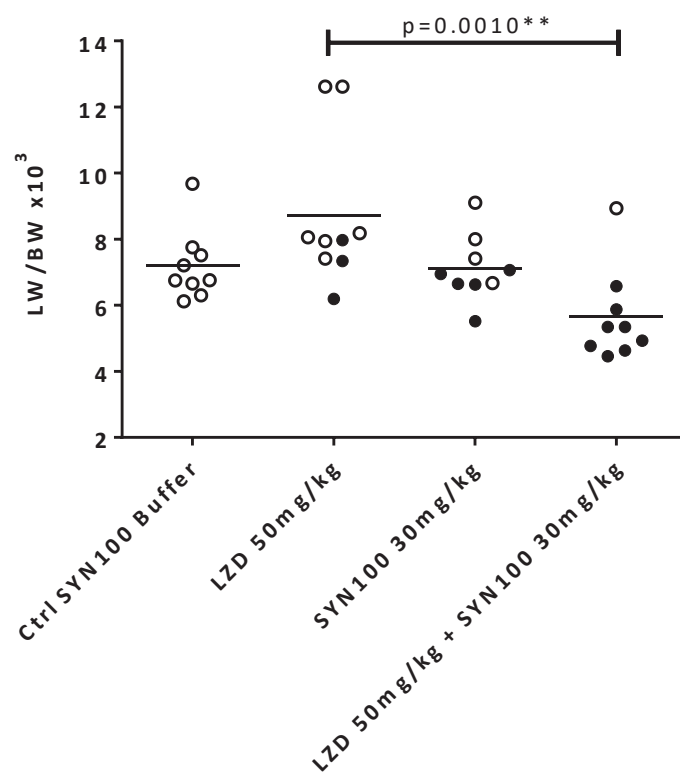


Figure 10 (C)

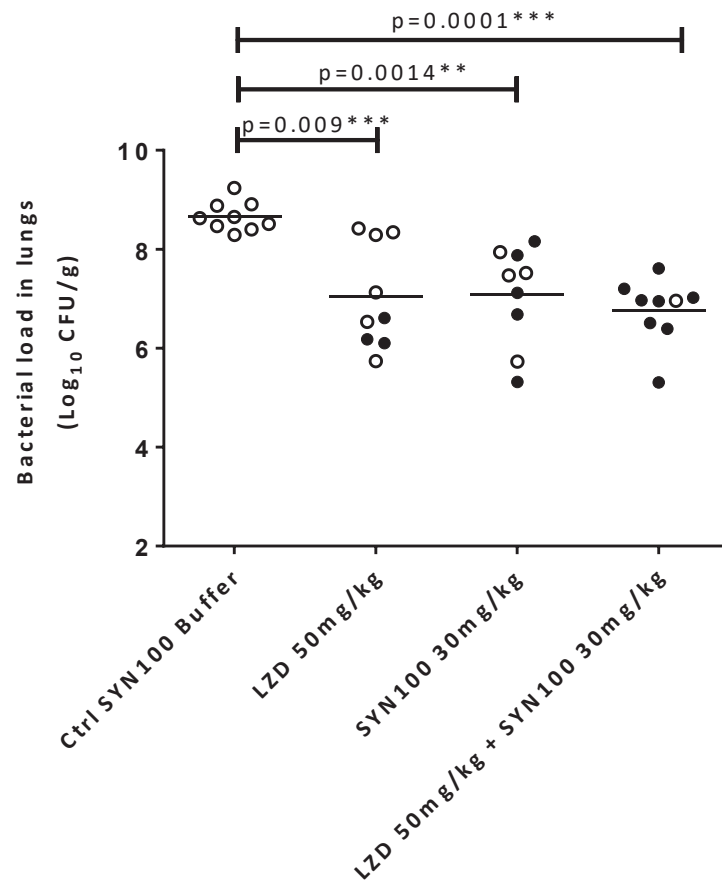


Figure 10 (D)