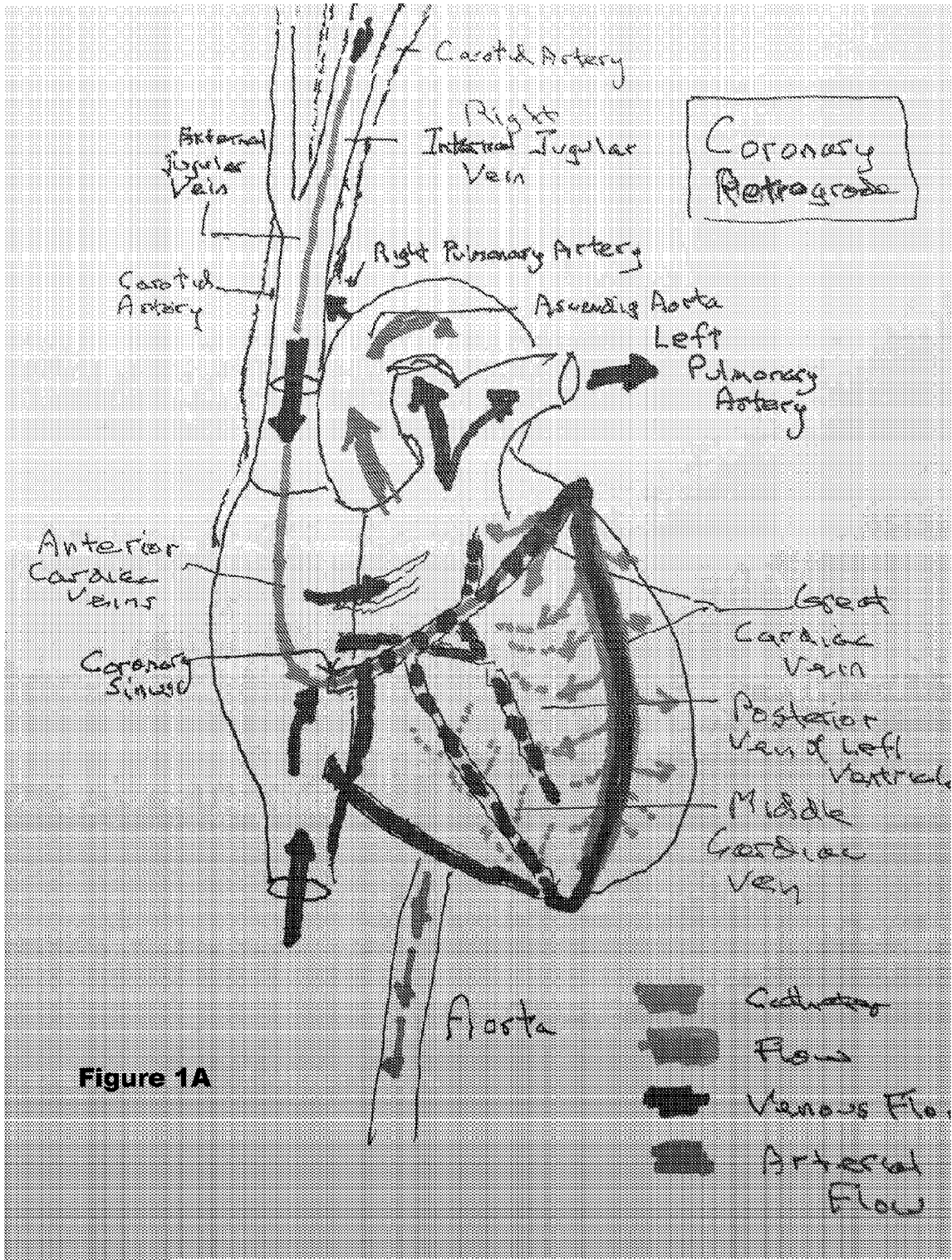




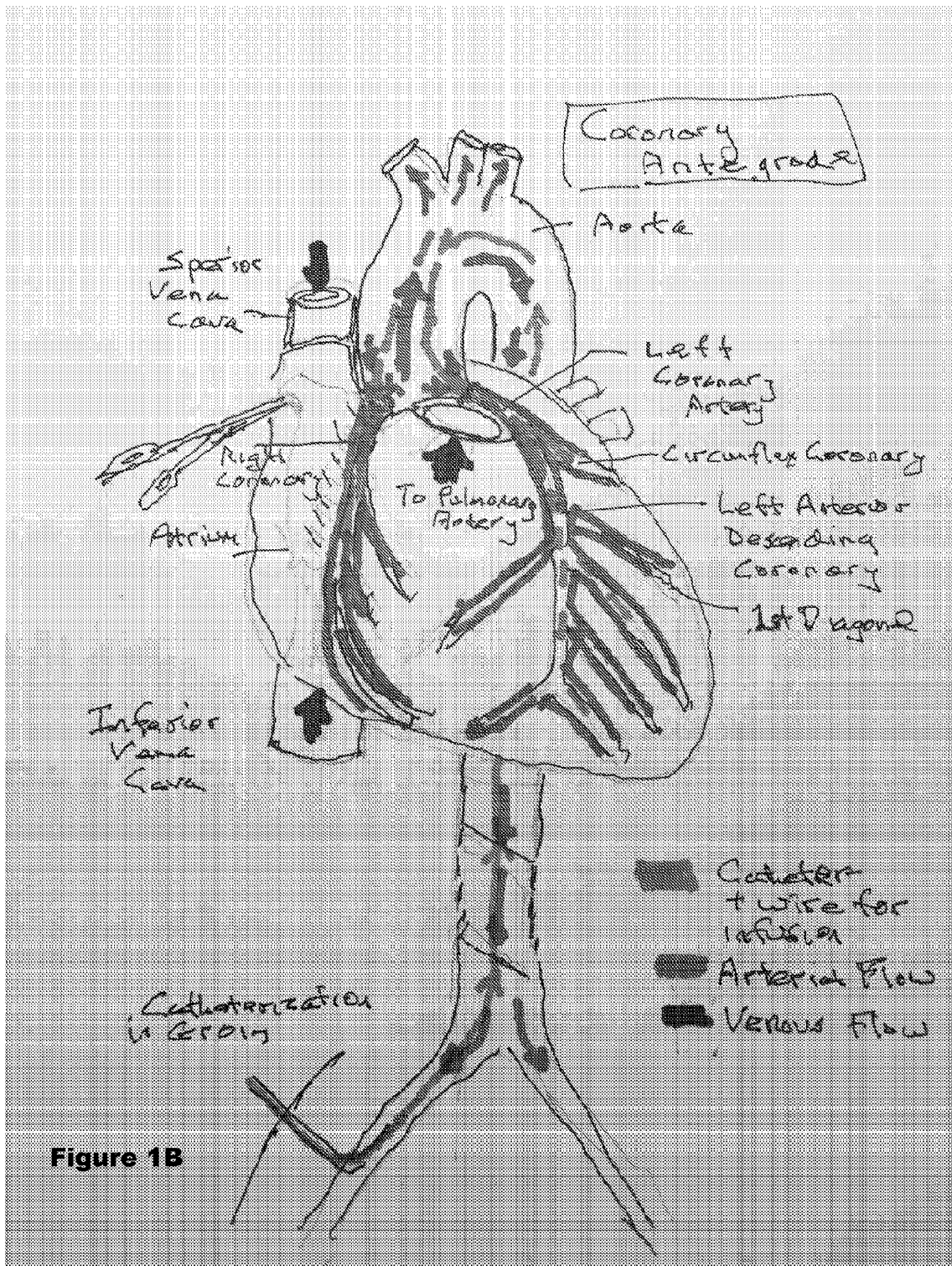
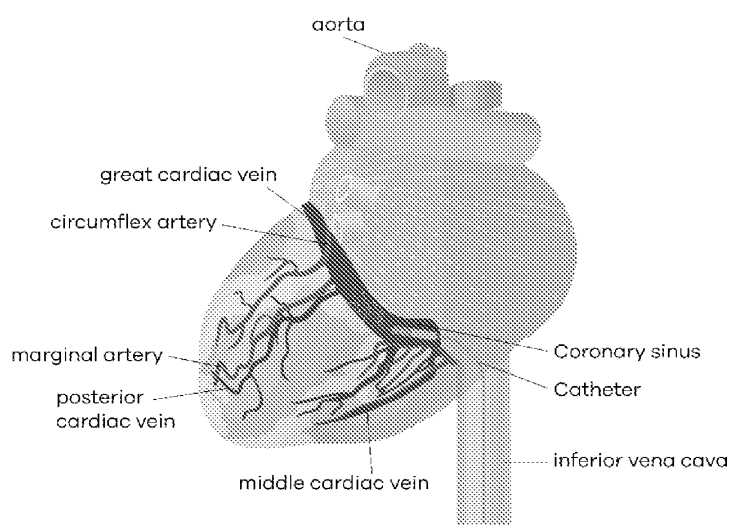


Figure 1B

**Figure 1C**

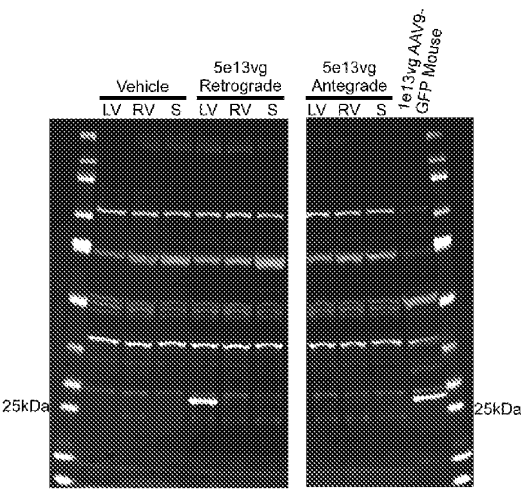


Figure 2

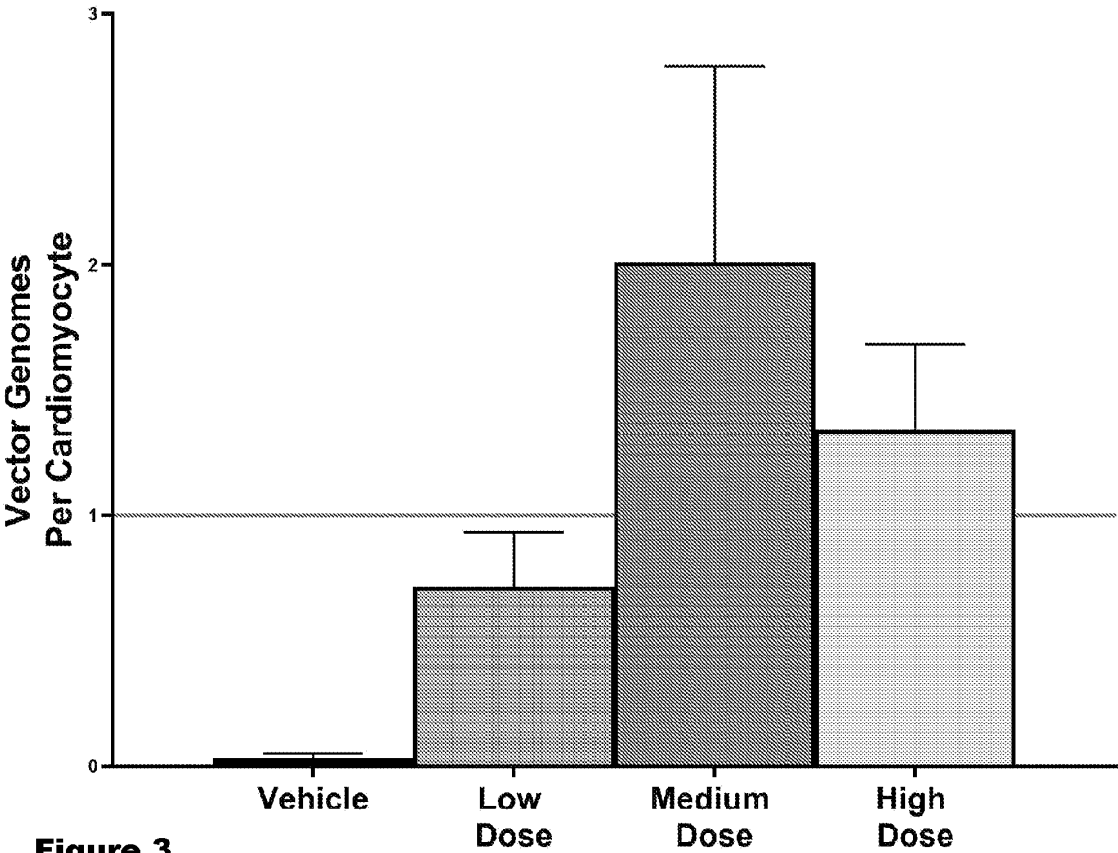
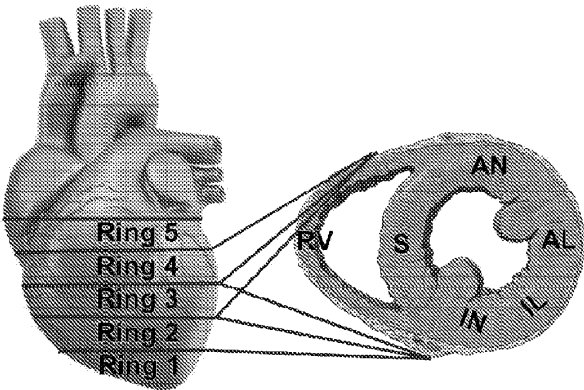


Figure 4



Location	Vehicle			5e13vg/animal			1e14vg/animal			2.5e14vg/animal		
	Vg/ myocyte	SEM	N	Vg/ myocyte	SEM	N	Vg/ myocyte	SEM	N	Vg/ myocyte	SEM	N
Ring 2												
AN	0.0	0	1	0.3	0.2	4	0.9	0.3	2	1.4	0	1
AL	0.0	0	1	0.1	0.0	4	0.1	0.0	2	0.6	0	1
IL	0.0	0	1	0.5	0.3	4	1.8	1.4	2	0.7	0	1
IN	0.0	0	1	0.3	0.1	4	0.4	0.1	2	6.6	0	1
S	0.0	0	1	0.1	0.1	3	1.4	1.1	2	1.5	0	1
RV	0.0	0	1	0.5	0.3	4	0.8	0.5	2	0.7	0	1
Ring 3												
AN	0	0	1	0.2	0.1	4	12.8	12.0	2	0.9	0	1
AL	0.0	0	1	0.1	0.0	4	1.4	0.8	2	1.3	0	1
IL	0.0	0	1	0.3	0.2	4	4.0	3.6	2	1.4	0	1
IN	0.0	0	1	4.1	2.4	4	0.6	0.2	2	1.5	0	1
S	0.0	0	1	0.2	0.1	4	0.6	0.2	2	0.9	0	1
RV	0.0	0	1	1.0	0.7	4	0.3	0.2	2	-	0	1
Ring 4												
AN	0.3	0	1	0.2	0.1	4	1.0	0.1	2	1.0	0	1
AL	0.0	0	1	0.3	0.1	4	0.4	0.2	2	0.4	0	1
IL	0.1	0	1	3.7	3.2	4	10.8	10.0	2	1.0	0	1
IN	0.0	0	1	0.5	0.3	3	0.8	0.0	1	0.7	0	1
S	0.0	0	1	1.6	1.4	4	1.1	0.0	2	0.9	0	1
RV	0.0	0	1	0.2	0.1	4	0.5	0.1	2	1.3	0	1

Anterior, AL=Anterolateral, IL=Inferolateral, IN=inferior, S=Septum, RV=Right Ventricle

Figure 5

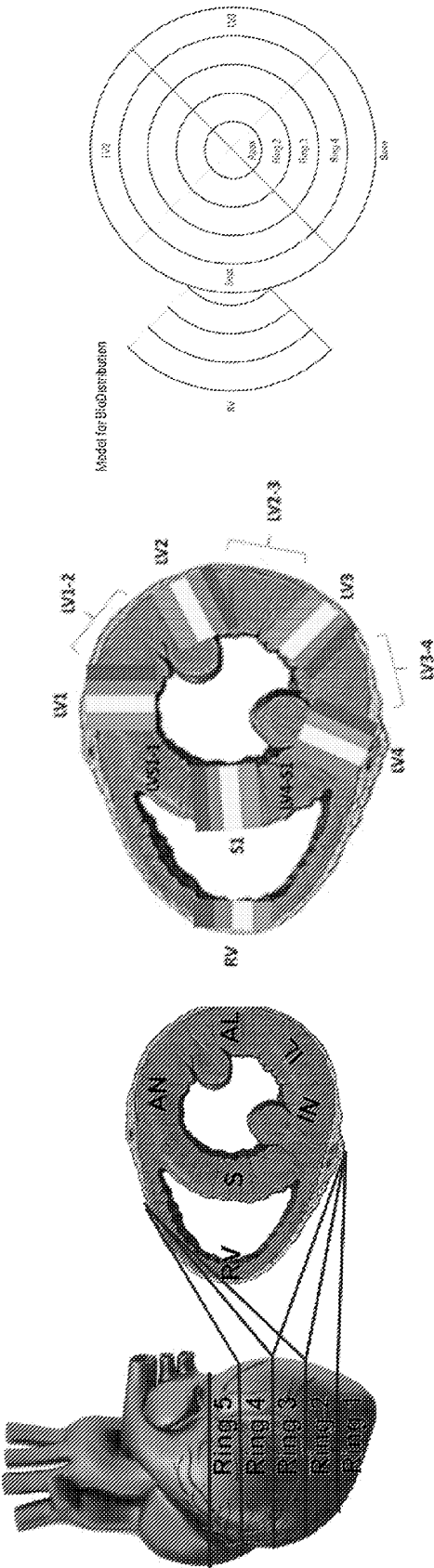


Figure 6

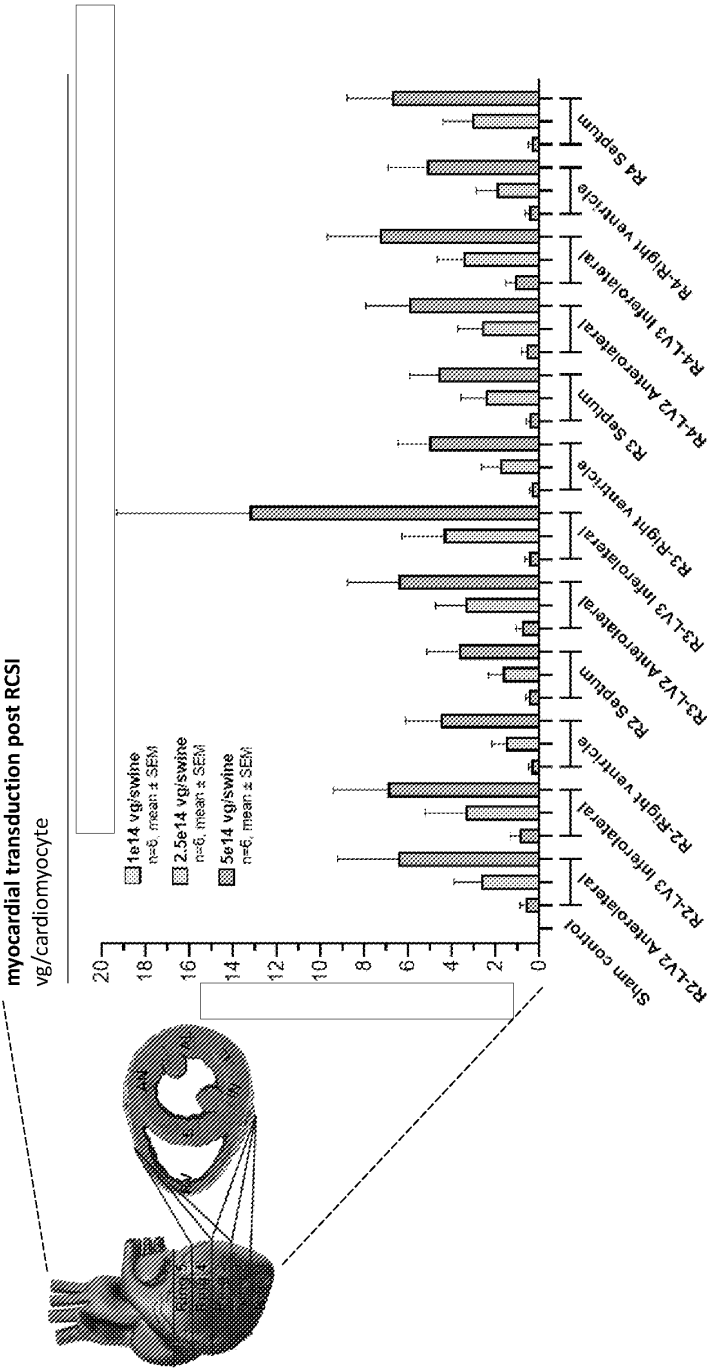


Figure 7

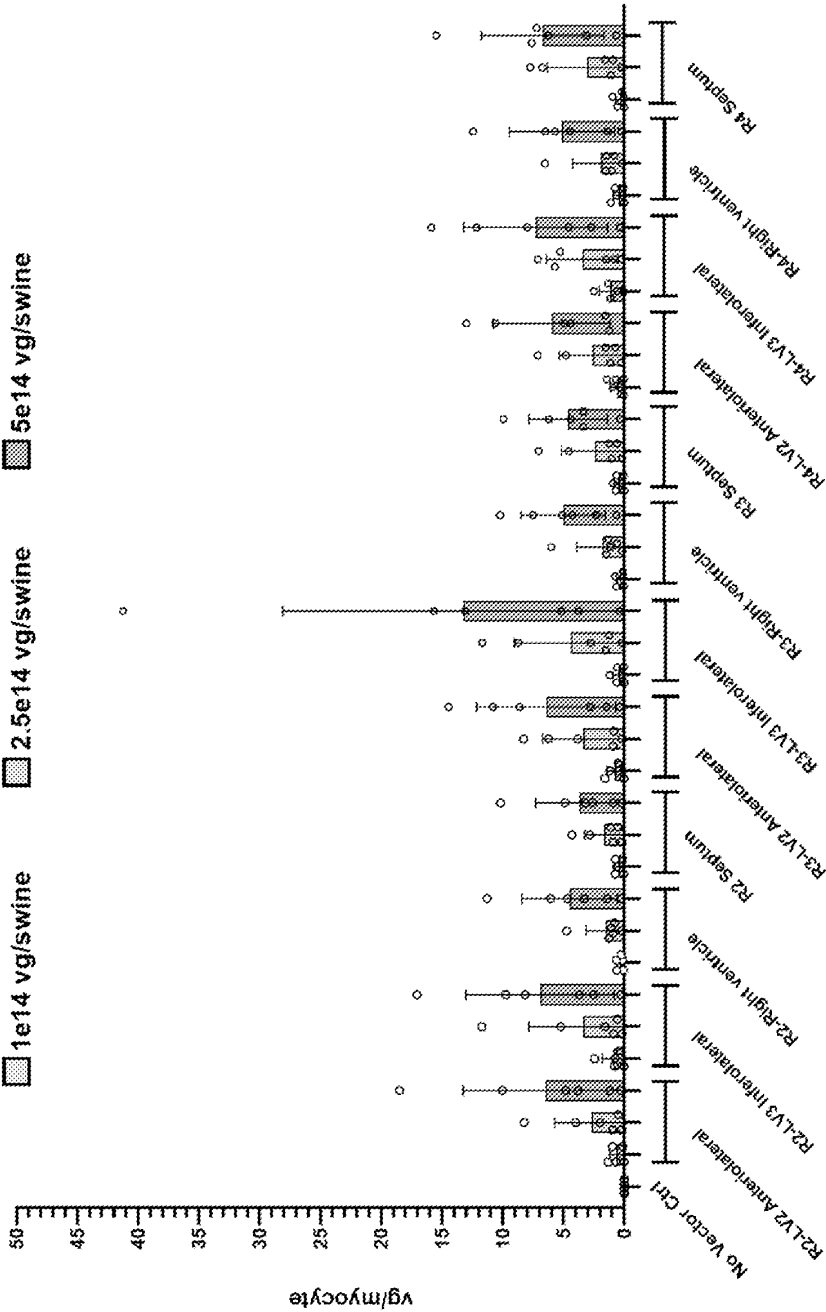
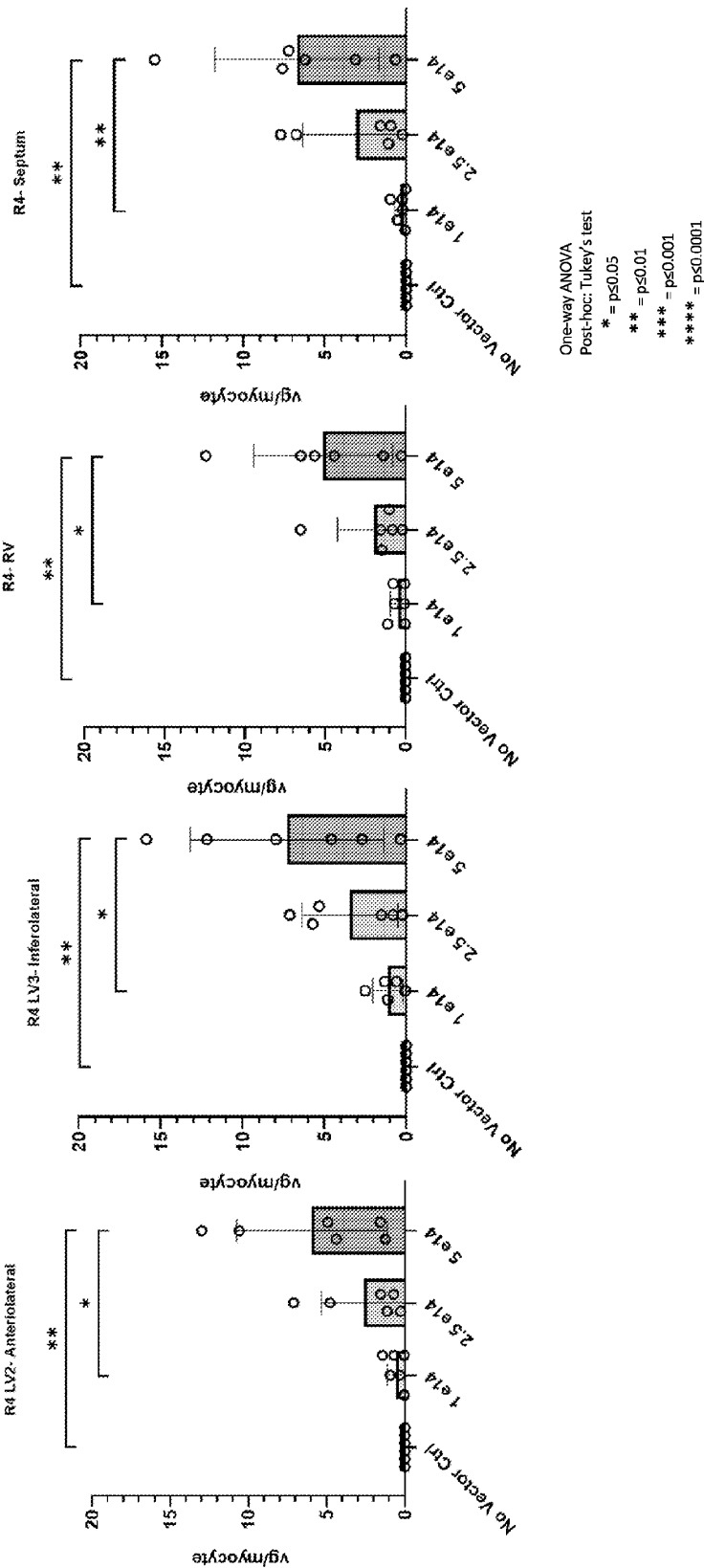


Figure 8A



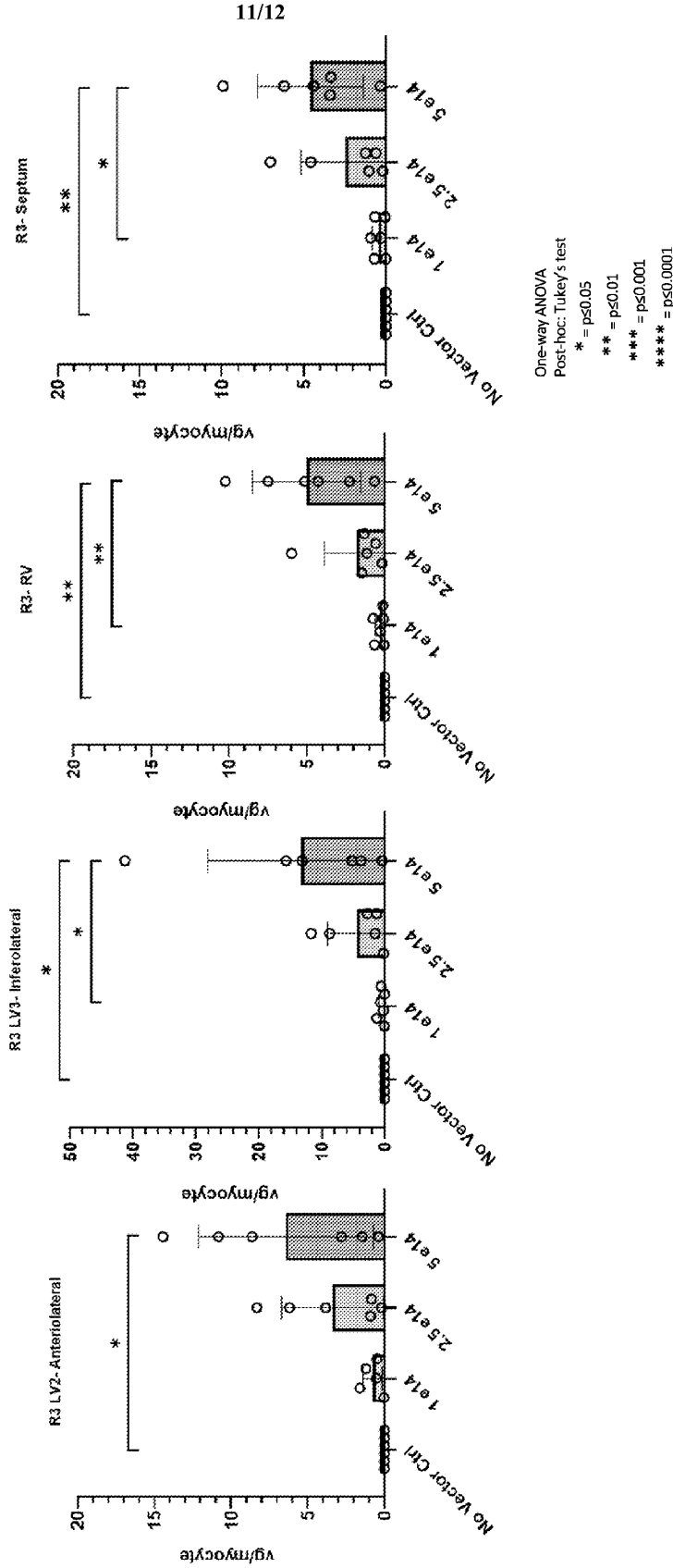
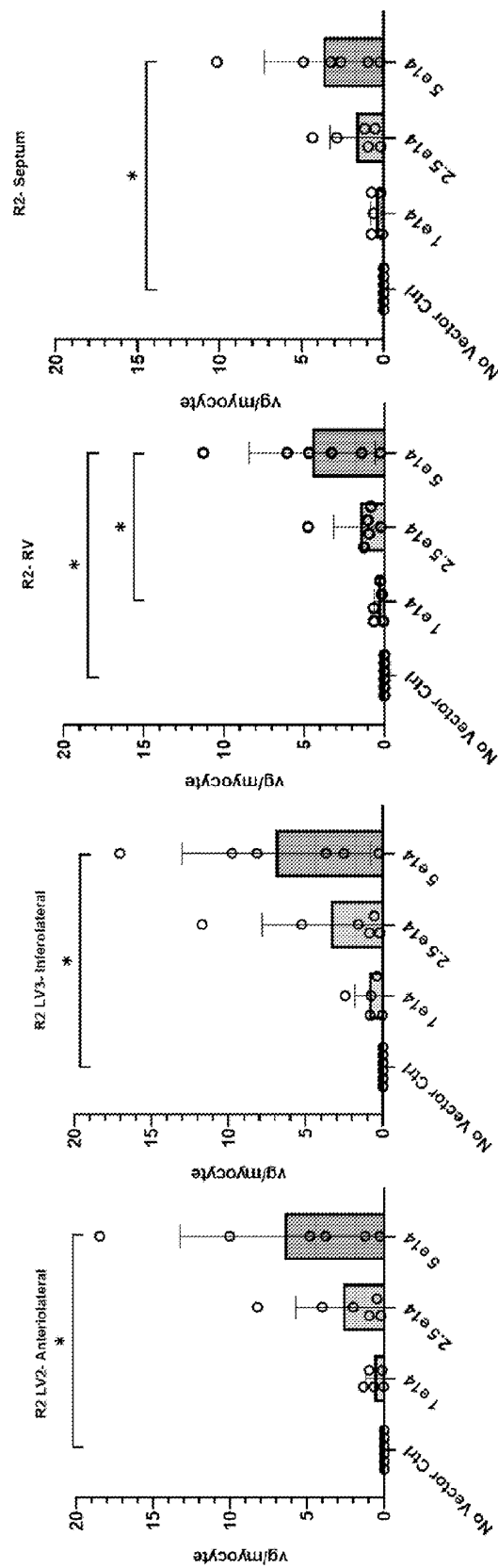


Figure 8B



One-way ANOVA
Post-hoc Tukey's test
* = p≤0.05
** = p≤0.01
*** = p≤0.001
**** = p≤0.0001

Figure 8C