



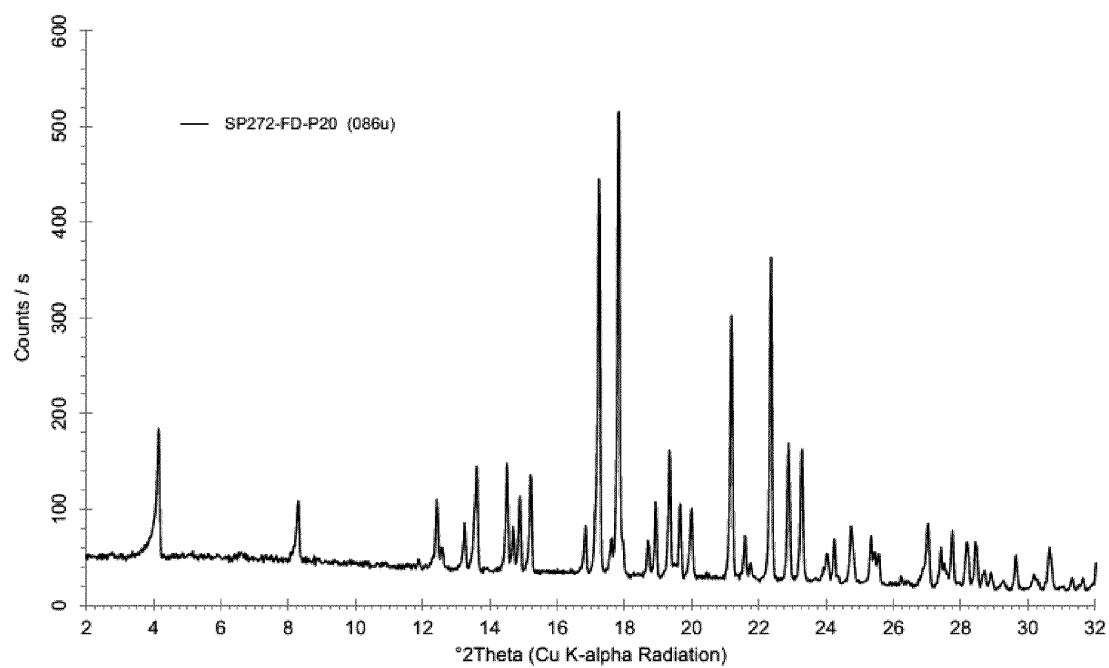


Figure 2A

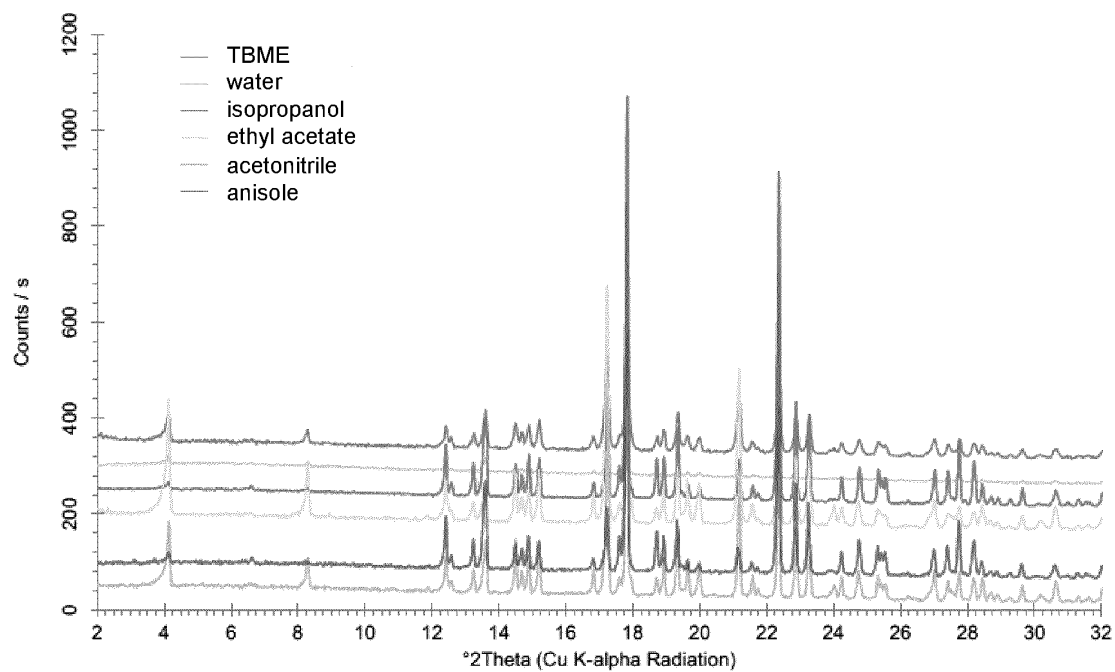


Figure 2B

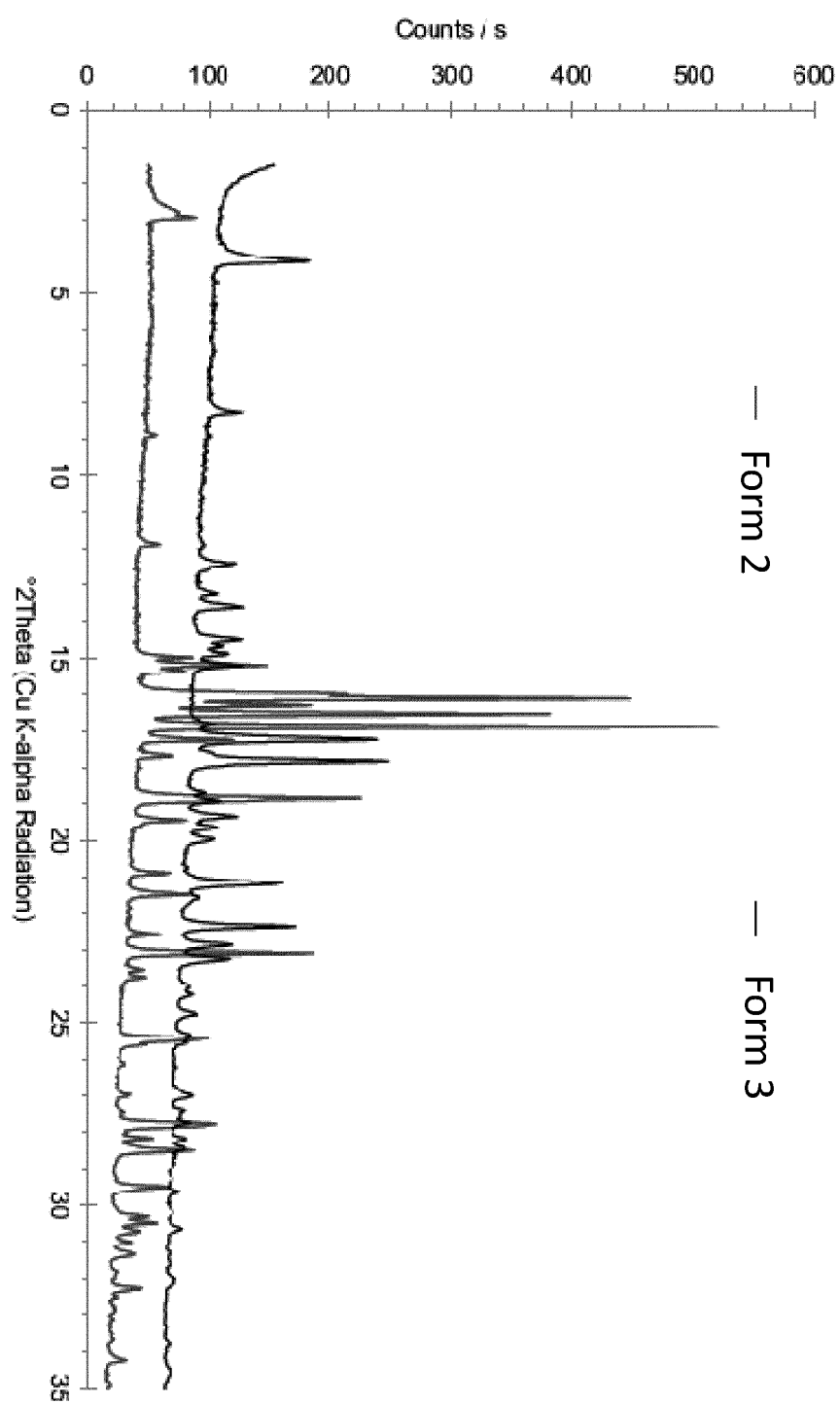


Figure 3

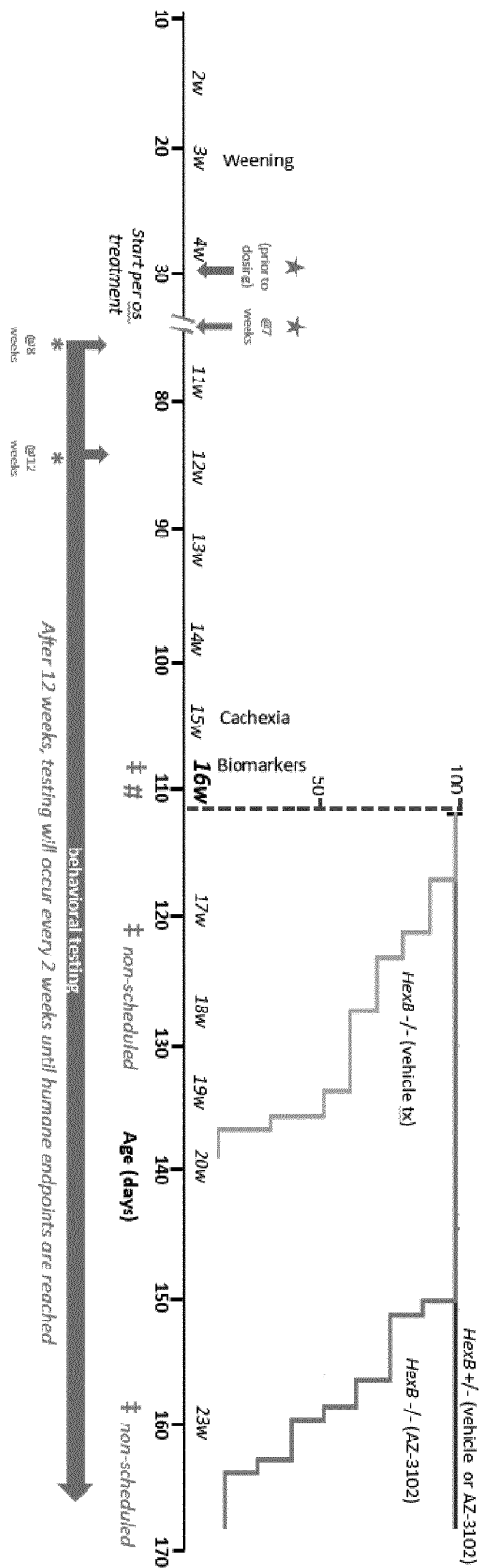


Figure 4

Behavioral assessments: Blood draws: Blood draws (drug exposure check): Necropsy:	*, ROI, GST, MT #; plasma collection @0.5, 2, 4, 8, 24h post-dose ^(a) ★; plasma collection @0.5-1 h ^(a) ‡; plasma, brain	S. No.	Genotype	Treatment	Age of delivery (weeks)	Drug Dose (mg/kg/day)	Number in Cohort		
								Endpoint (age)	
								16-weeks	Long-term
		1	Heterozygote (+/-)	Vehicle	4 weeks	—	15	18	
		2	Heterozygote (+/-)	Drug	4 weeks	3	15	18	
		3	Sandhoff (-/-)	Drug	4 weeks	0.5	15	18	
		4	Sandhoff (-/-)	Drug	4 weeks	1.5	15	18	
		5	Sandhoff (-/-)	Drug	4 weeks	3	15	18	
		6	Sandhoff (-/-)	Drug	4 weeks	6	15	18	
		7	Sandhoff (-/-)	Vehicle (saline)	4 weeks	—	15	18	
Total							105	126	

^(a) Will be determined following an analysis of results from a recently completed PK/PD study in mice

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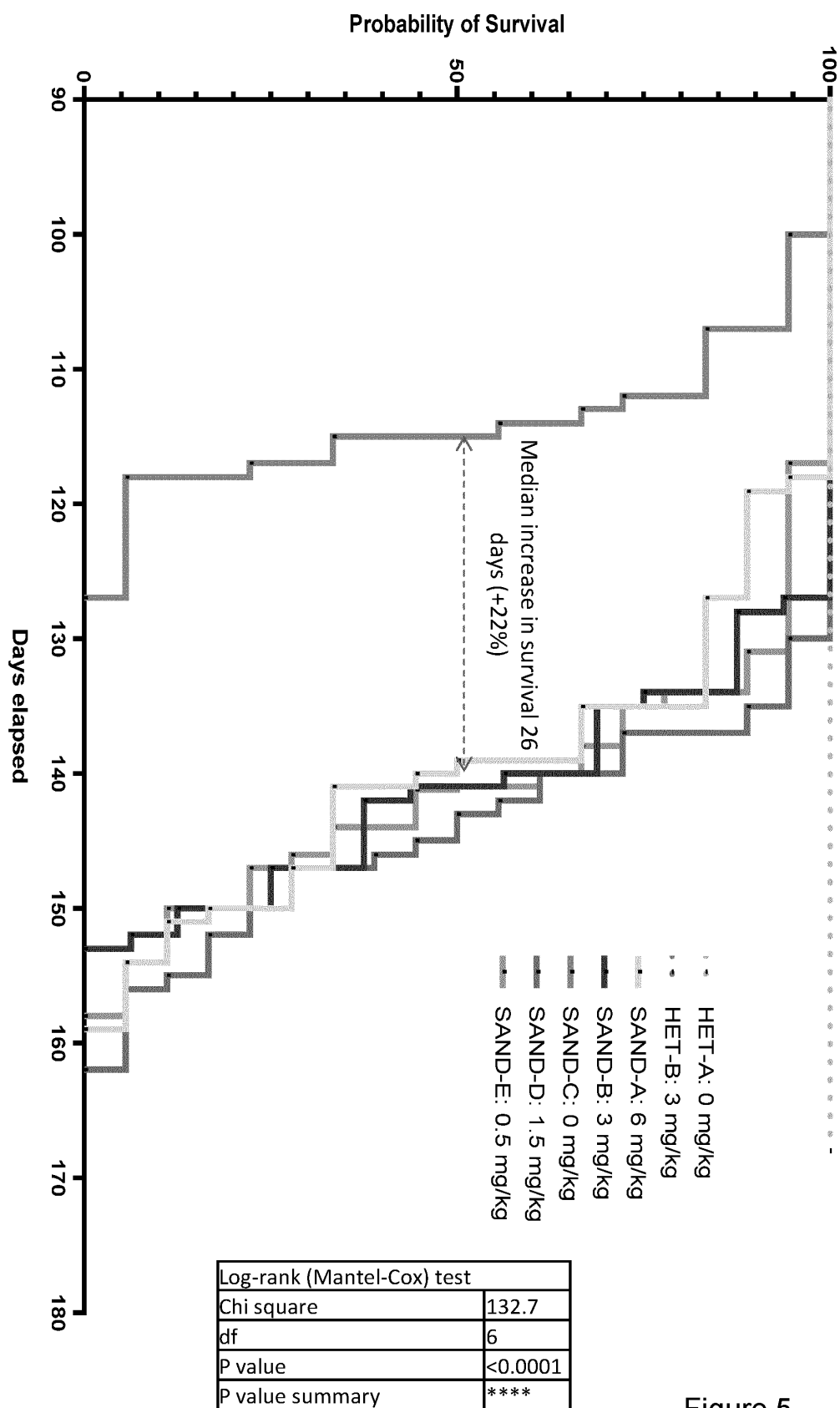
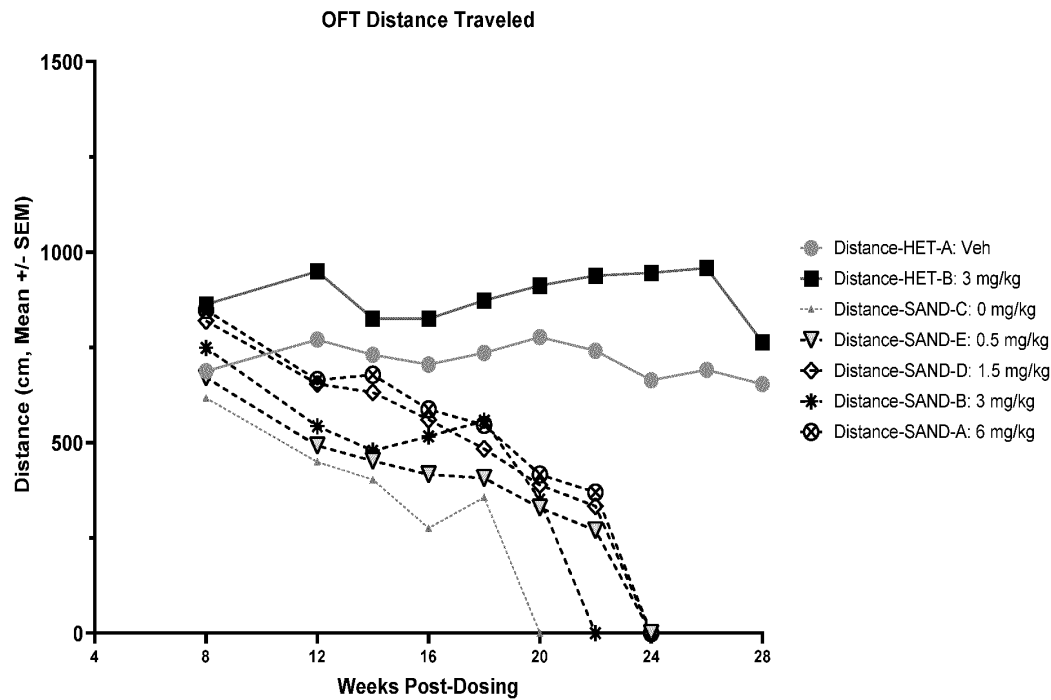


Figure 5

Total distance traveled



Total distance traveled at 16 weeks

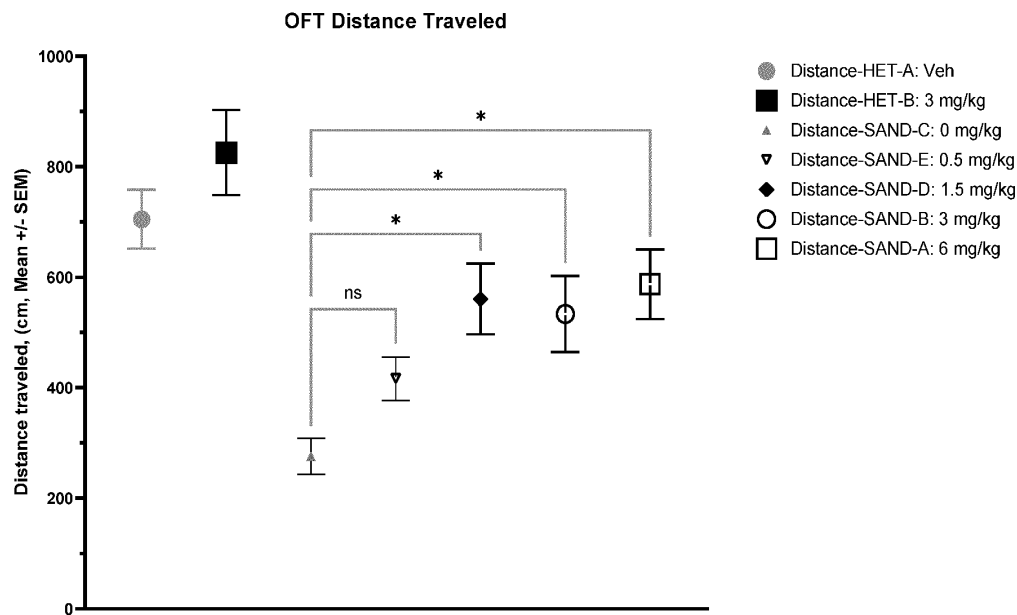


Figure 6

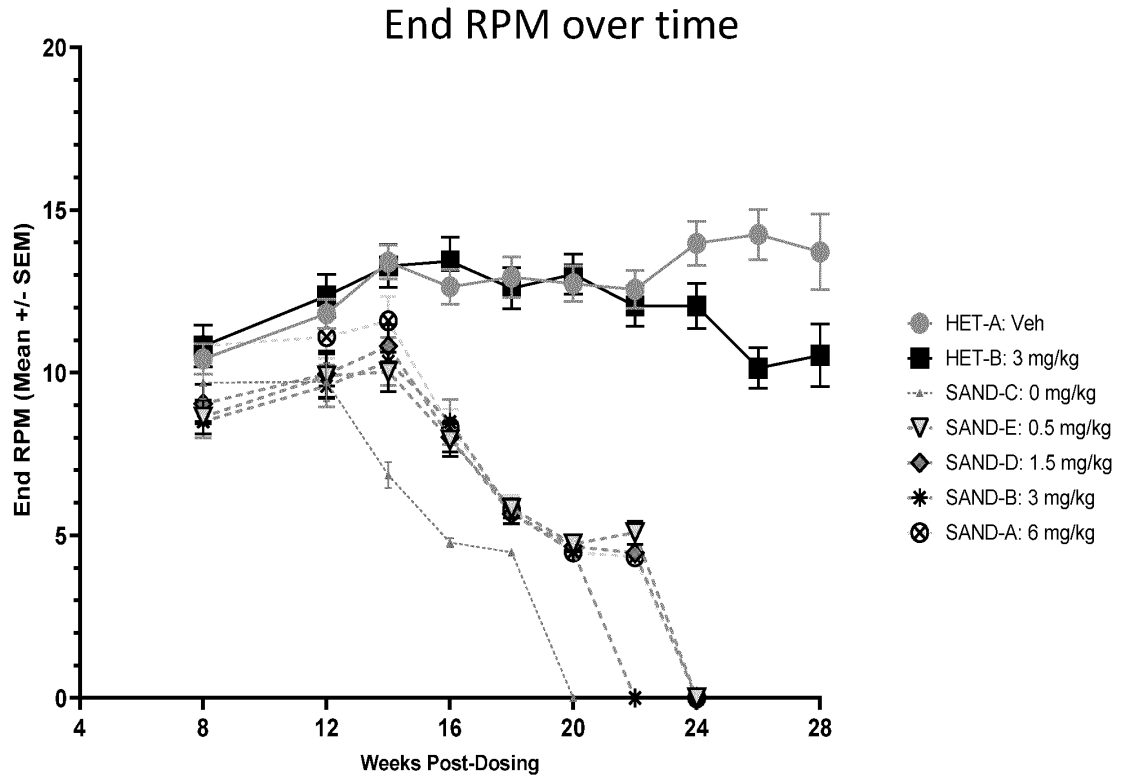
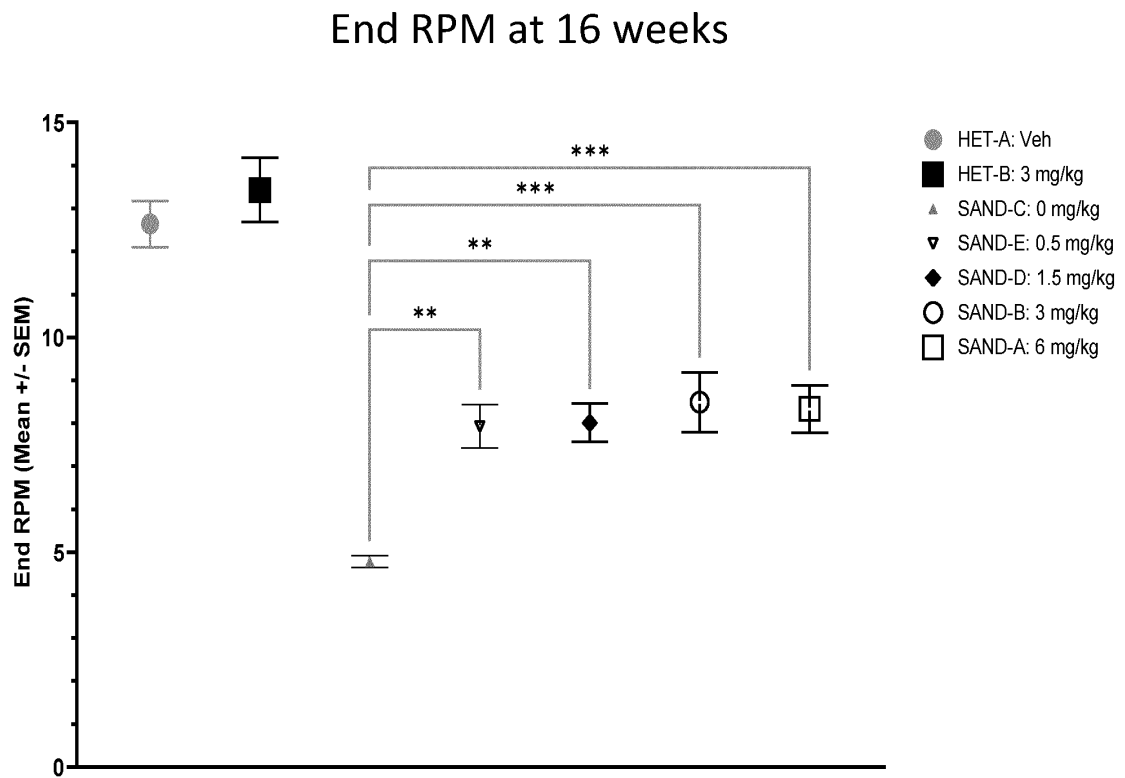


Figure 7

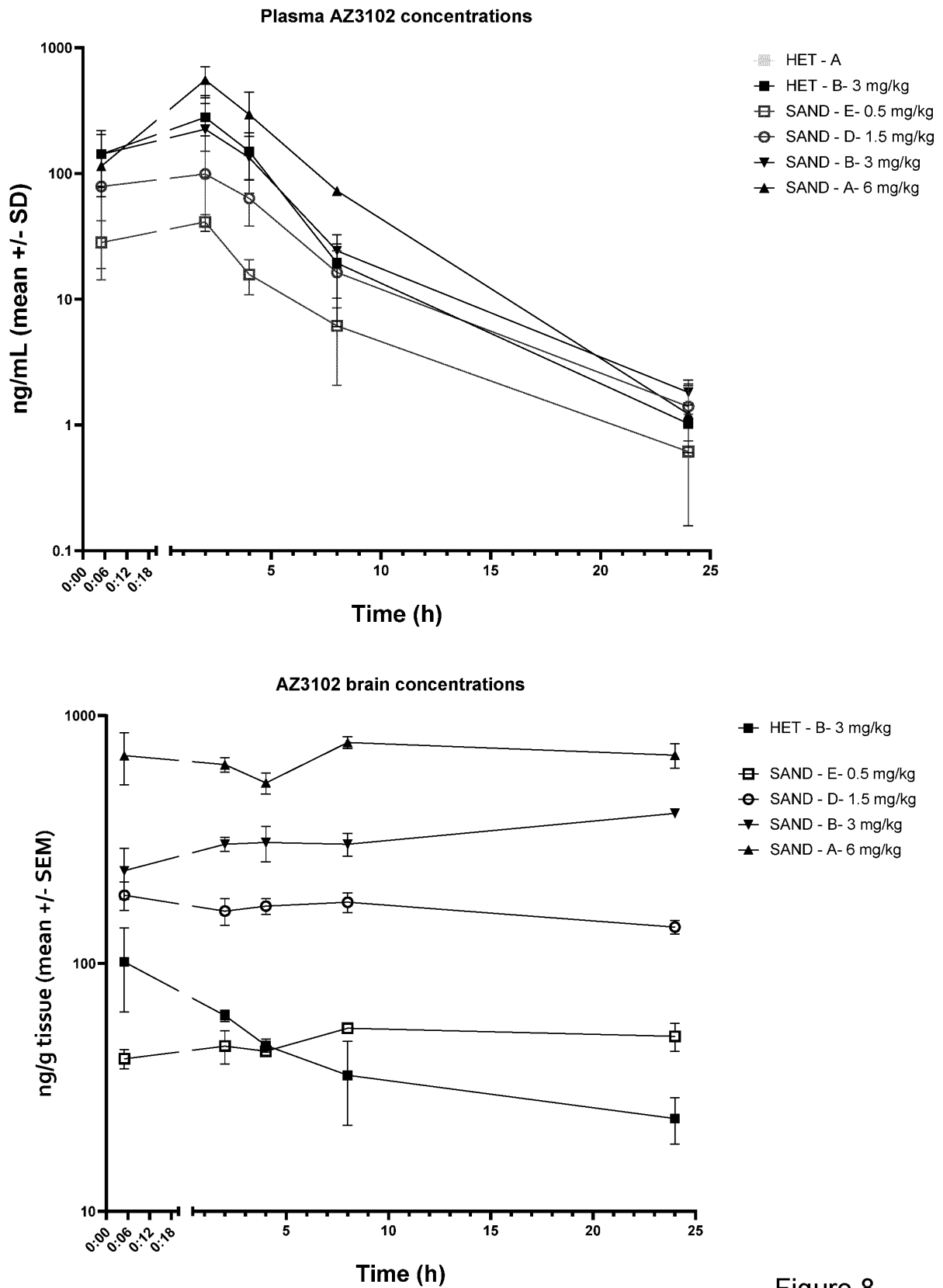


Figure 8

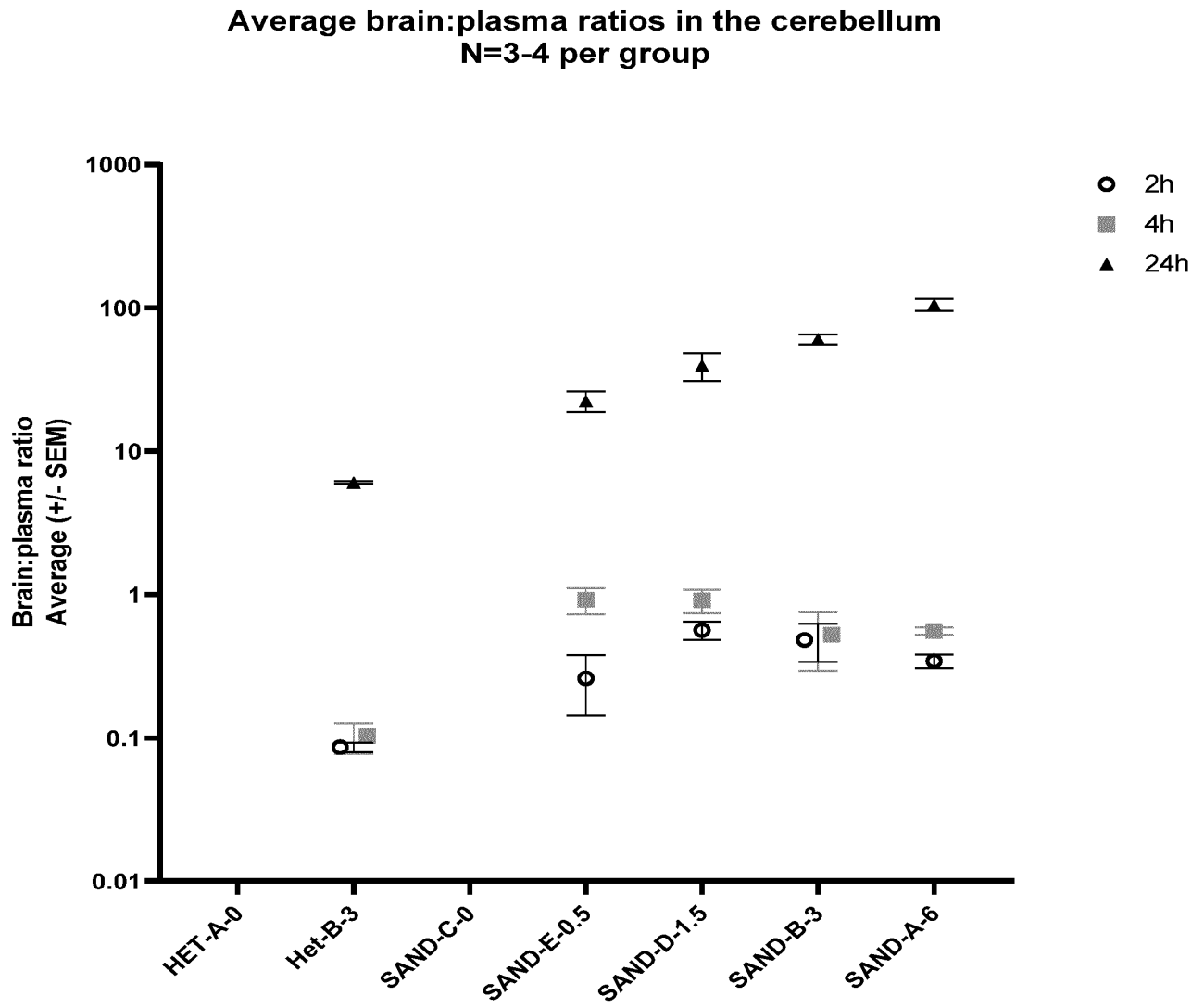


Figure 9

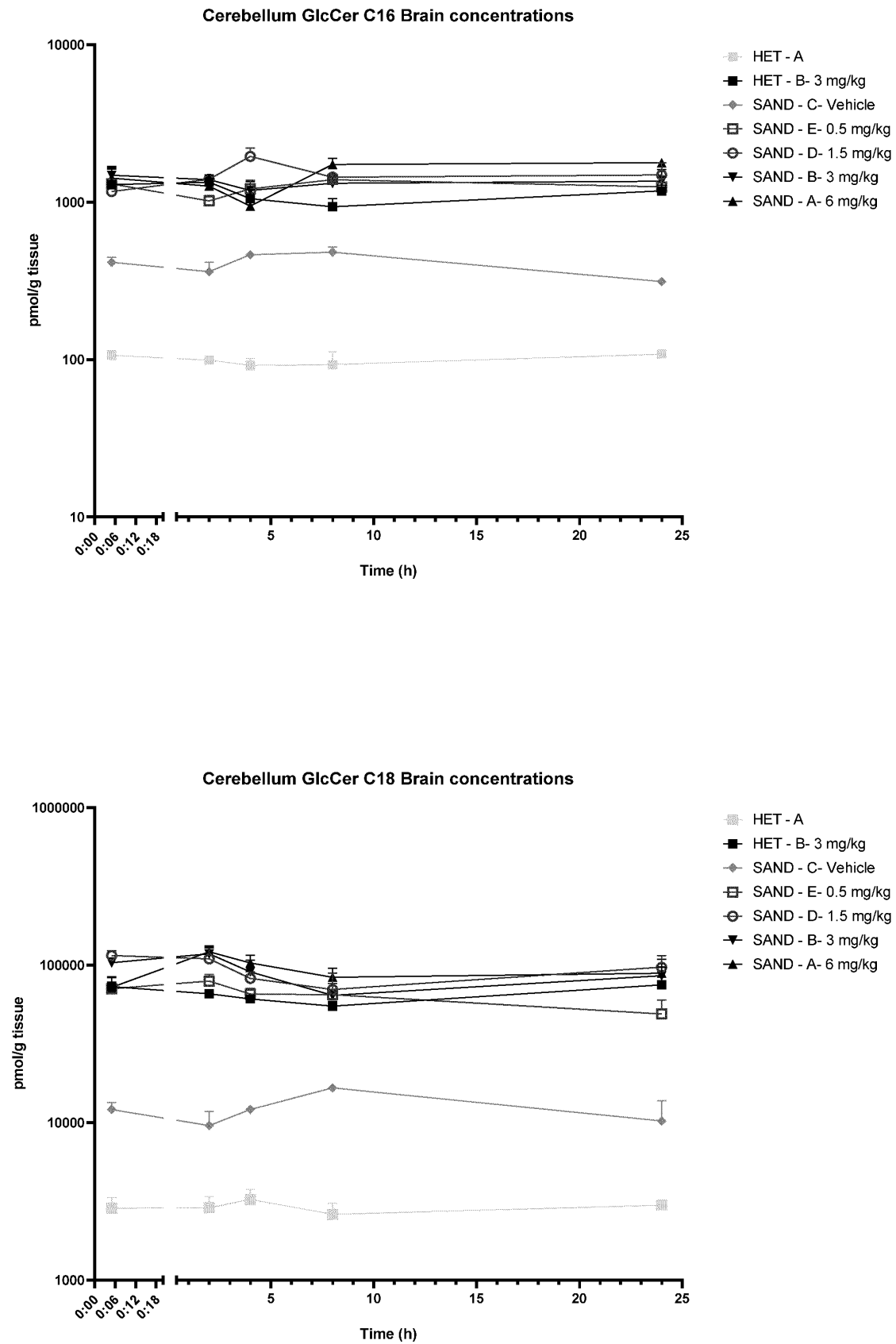


Figure 10

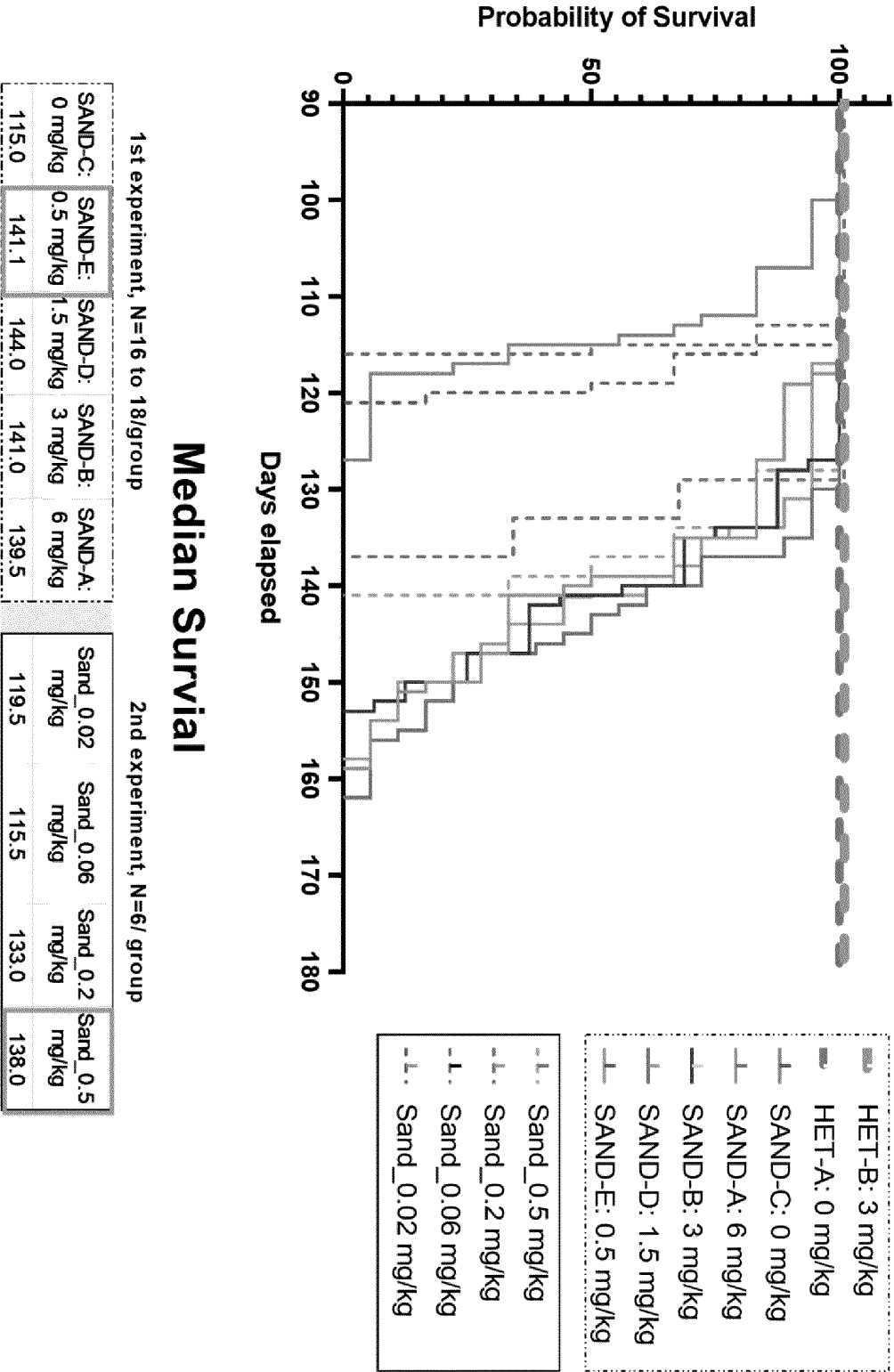


Figure 11

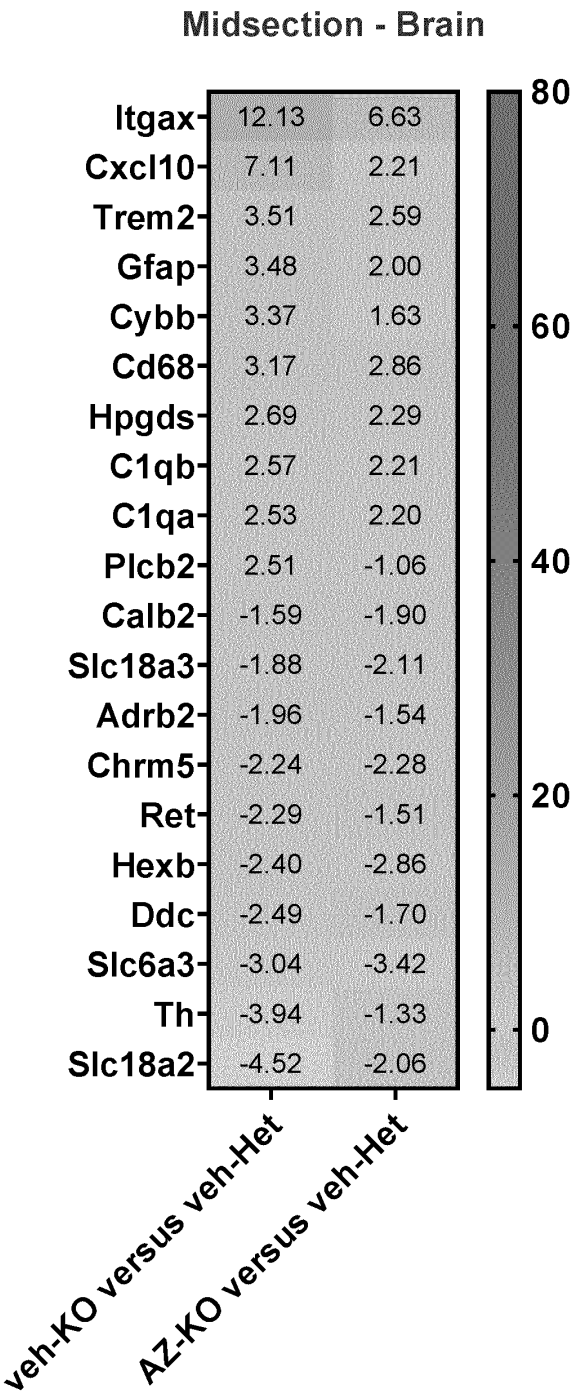
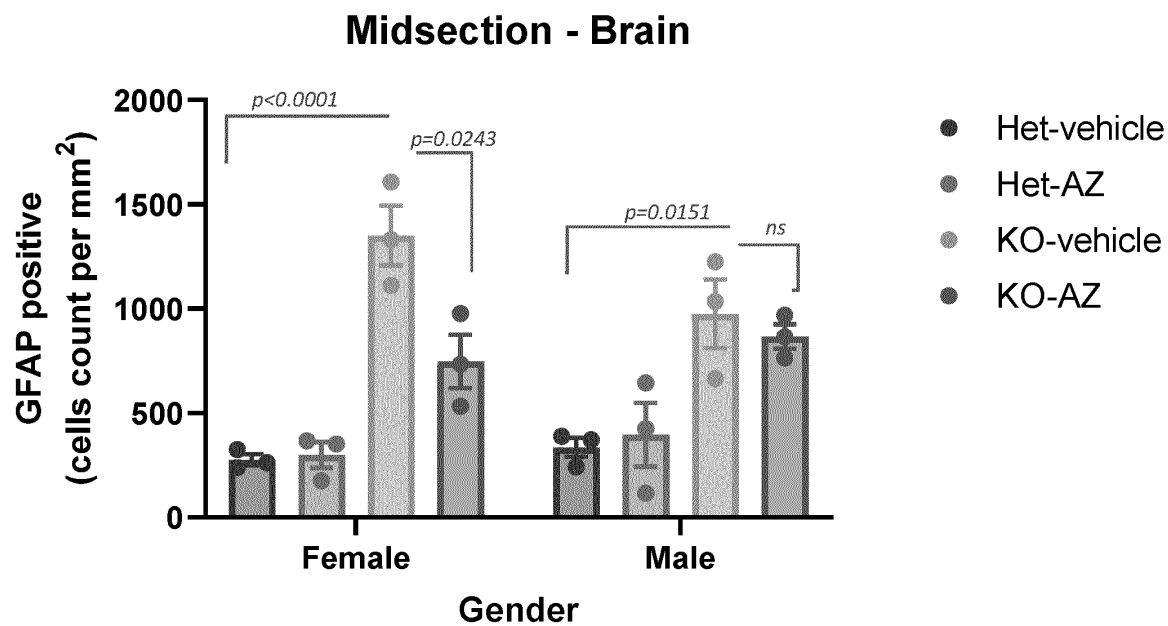


Figure 12



Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Below threshold?	Summary	Adjusted P Value
Female: Het-vehicle vs. Female: KO-vehicle	-1074	-1617 to -531.1	Yes	****	<0.0001
Female: KO-vehicle vs. Female: KO-AZ	602.3	59.47 to 1145	Yes	*	0.0243
Male: Het-vehicle vs. Male: KO-vehicle	-640.7	-1183 to -97.83	Yes	*	0.0151
Male: KO-vehicle vs. Male: KO-AZ	109.4	-433.4 to 652.2	No	ns	0.9959

Figure 13