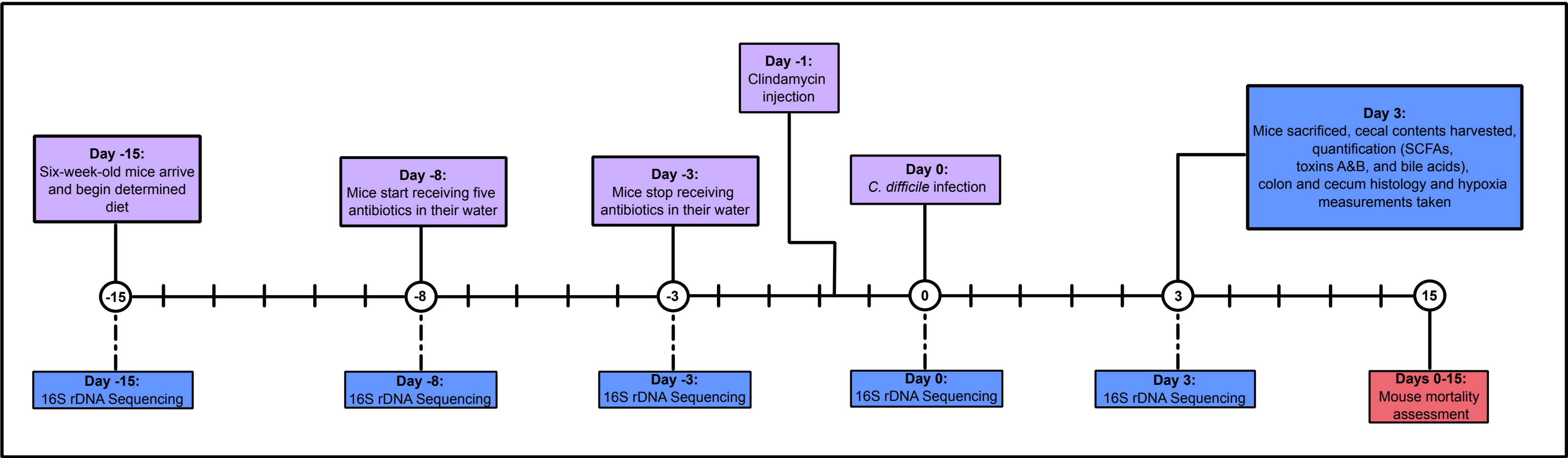


a)



Cohort	Chow	High Fat/ High Fiber	High Fat/ Low Fiber	Low Fat/ High Fiber	Low Fat/ Low Fiber
Day 3 Cohort	25	19	33	18	30
Survival Cohort	40	20	40	20	40
Mouse Totals	65	39	73	38	70

Day 3 Cohort
Survival Cohort
Both Cohorts

Day 3 Cohort Sample Specifics

	Chow		High Fat / High Fiber		High Fat / Low Fiber		Low Fat / High Fiber		Low Fat / Low Fiber	
Toxin	13		3		15		5		13	
16S Sequencing	18	95	6	70	23	114	9	71	21	110
SCFAs	11		3		15		4		13	
Hypoxia	7		4		9		6		8	
Histopathology	13		6		18		9		16	
Bile Acids	11		3		15		4		13	
	Cecal Samples	Stool Samples	Cecal Samples	Stool Samples	Cecal Samples	Stool Samples	Cecal Samples	Stool Samples	Cecal Samples	Stool Samples

b)

Macronutrient Composition of Experimental Diets

	Defined Diets				
	Chow	High Fat/ High Fiber	High Fat/ Low Fiber	Low Fat/ High Fiber	Low Fat/ Low Fiber
Fat (% kcal)	18.0	34.5	34.5	17.2	17.2
Carbo-hydrates (% kcal)	59	46	50	58.9	63.9
Protein (% kcal)	23	15.5	15.5	17.2	17.2
Insoluble Fiber (g/kg)	136	62.5	50	62.5	50
Soluble Fiber (g/kg)	Not quantified	37.5	0	37.5	0

c)

Mouse Survival After Infection by Diet

