

Clinical Score

Days	KO+DSS						Wt+DSS		
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0.5	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1.5	0	0
6	1	1.5	0.5	4	1	2.5	5	2	
7	2	1.5	2	2.5	1	7	4	2.5	
8	1	1.5	3.5	1	1	6	5	3.5	
9	2.5	2	2.5	1	2	6	5.5	3.5	

Body Weight

Days	KO+DSS						Wt+DSS		
0	100	100	100	100	100	100	100	100	100
1	98.913	103.015	100	100	102.21	102.778	102.778	100	
2	98.913	103.015	100.588	100.588	102.21	101.111	101.111	105.587	
3	100	102.01	101.765	101.765	101.105	102.778	101.111	105.587	
4	98.0978	101.508	101.765	101.765	102.21	102.778	102.778	107.263	
5	97.8261	103.518	101.765	101.765	104.42	96.6667	101.667	104.469	
6	96.7391	101.005	101.765	101.765	102.21	96.6667	96.6667	102.793	
7	98.913	99.4975	100.294	100.294	101.657	89.4444	91.6667	102.235	
8	98.3696	100	101.765	101.765	98.3784	89.4444	87.027	98.8827	
9	99.4565	96.9849	96.4706	102.924	101.081	87.7778	89.011	86.7725	

Colon Length

Wt	KO	Wt+DSS	KO+DSS
6	5.5	5	5
6	6	5	5
6.5		5	4.5
6.5		6	5.5

Faecal Score

Days	KO+DSS						Wt+DSS		
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	1	1.5	0.5	4	1	2.5	5	2	
7	2	1.5	2	2.5	1	6	4	2.5	
8	1	1.5	3.5	1	1	6	5	3.5	
9	2.5	2	2.5	3	4	6	5.5	3.5	

Ki67

Wt	KO	Wt+DSS	KO+DSS
4.98545	3.342767	2.6359	3.94255
3.9832	6.6844	2.6346	0.9602
6.001967	5.684533	3	2.6337
		2.92005	0.78805
			3.95875

CD31

Wt+DSS	KO+DSS	Wt	KO
2.186472	3.875821	0.207941	0.740048
1.385468	3.207225	0.207941	0.722444
0.631285	3.887984	0.548685	0.175107
3.045182		0.559428	0.846411
		2.098503	0.104116
		2.266452	0.846411

Spleen vs body weight

Wt	KO	Wt+DSS	KO+DSS
0.317308	0.396825	0.42623	0.506329
0.40107	0.43	0.480674	0.395062
0.397906	0.4	0.488636	0.487805
		0.459893	0.406061

Histopathology

Wt	KO	Wt+DSS	KO+DSS
0.5	0.3	6.323333	3.563333
0.6	0.2	4.196667	4.503334
0.4	0.23	5.456666	4.096667
0.035	0.3	5.176667	2.99
	0.4		

Gr-1

Wt	KO	Wt+DSS	KO+DSS
0.00055	0.05	92	43.5
0.005	0.0005	56.25	39
0.0005	0.00005	142	53.5
		90	75
			56.25

IL-6

Wt	KO	Wt+DSS	KO+DSS
3.52	2.66	189.58	20.33
4.93	0	204.27	50
		215.96	70.89
			48.24

IL-10

Wt	KO	Wt+DSS	KO+DSS
52.7	54.71	138.83	54
79.66	69.04	106.69	236.74
		186.06	128.6
			247
			97.42

MCP-1

Wt	KO	Wt+DSS	KO+DSS
45.93	42.6	287.48	89.13
39.69	0	258.7	90
		280.06	51.94
			146.33
			130.25

IFN-g

Wt	KO	Wt+DSS	KO+DSS
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0	0	10.7	
0	0		0
1	1	11.66	0

10.4

IL-4

Wt	KO	Wt+DSS	KO+DSS
50.2	52.41	65.8	346.29
63.24	57.05	41.15	286.1
55	55	84	273.53
		68.47	76.98

GM-CSF

Wt	KO	Wt+DSS	KO+DSS
28.96	29.57	103.27	54.99
30.04	43.96	27.03	35.32
		80	41.38
		52.85	43.52
			28.32

IL-7a

Wt	KO	Wt+DSS	KO+DSS
17.75048	8.2	81.52783	99.17663
3.300951	19.66	73.58	99
14.35325	25.2	45.3	71.37143
11.80156	17.68667	32.55	93.79643
			29.24763

TNF

Wt	KO	Wt+DSS	KO+DSS
6.34	0	66.67	30.4
0	0	105	77.85
5.3	0	62.94	59.33
0	9.55	72.12	12

CD45

Wt	KO	Wt+DSS	KO+DSS
105	105	198	2.34
47.7	47.7	117	13.3
25	25	82	49.1
		91.2	25

Ly6G

Wt	KO	Wt+DSS	KO+DSS
1.92	0.506	44.4	1.37
0.506	0.267	12.6	0.54
0.267	0.43	33	7.76
		84	8.24

F4/80

Wt	KO	Wt+DSS	KO+DSS
1.21	1.21	2.95	0.0605
1.21	1.34	2.58	0.688
0.999		1.87	1.88
		0.76	1.43

CD4

Wt	KO	Wt+DSS	KO+DSS
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2.7888	0.4134	9.0914	0.2926
5.9148	4.37658	8.65956	6.78
5.076	5.9514	14.17	5
			4.5

0
0
0
0
0
1
3.5
2.5
4.5
5

Wt							
100	100	100	100	100	100	100	100
102.762	99.16898	100	96.06741	98.89503	96.06741	100.5319	98.91304
106.63	101.9391	102.1505	98.31461	98.89503	98.31461	101.5957	100.5435
105.525	101.385	103.7634	98.31461	101.105	98.31461	98.40426	101.087
104.972	98.61496	105.3763	100.5618	98.89503	100.5618	100.5319	102.7174
104.972	99.16898	101.0753	97.75281	101.6575	97.75281	101.0638	103.2609
100.552	99.72299	100.5376	100.5618	97.79005	100.5618	102.1277	102.7174
98.895	101.9391	103.2258	100.5618	98.89503	100.5618	101.5957	101.087
91.9355	104.4693	106.4516	107.0175	102.2346	107.0175	99.4709	101.0989
85.4922	98.36957	109.4737	106.8571	106.7039	106.8571	98.95288	104.3243

0
0
0
0
0
1
3.5
2.5
4.5
5

KO

100	100	100
100	96.06741	98.89503
102.1505	98.31461	98.89503
103.7634	98.31461	101.105
105.3763	100.5618	98.89503
101.0753	97.75281	101.6575
100.5376	100.5618	97.79005
103.2258	100.5618	98.89503
106.4516	107.0175	102.2346
109.4737	106.8571	106.7039