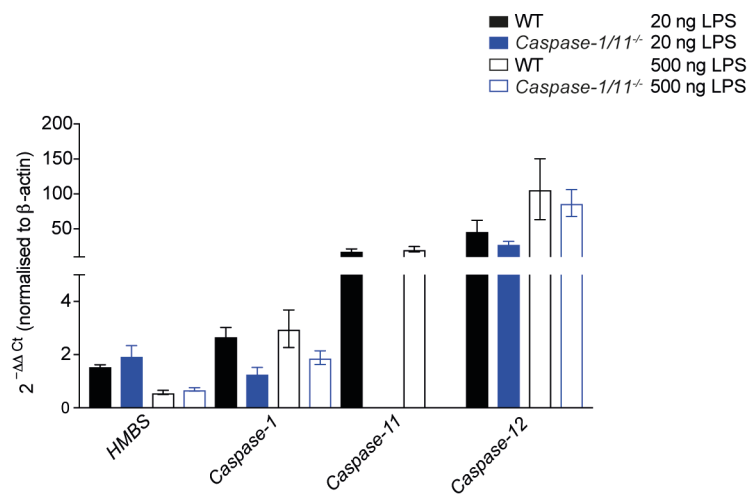
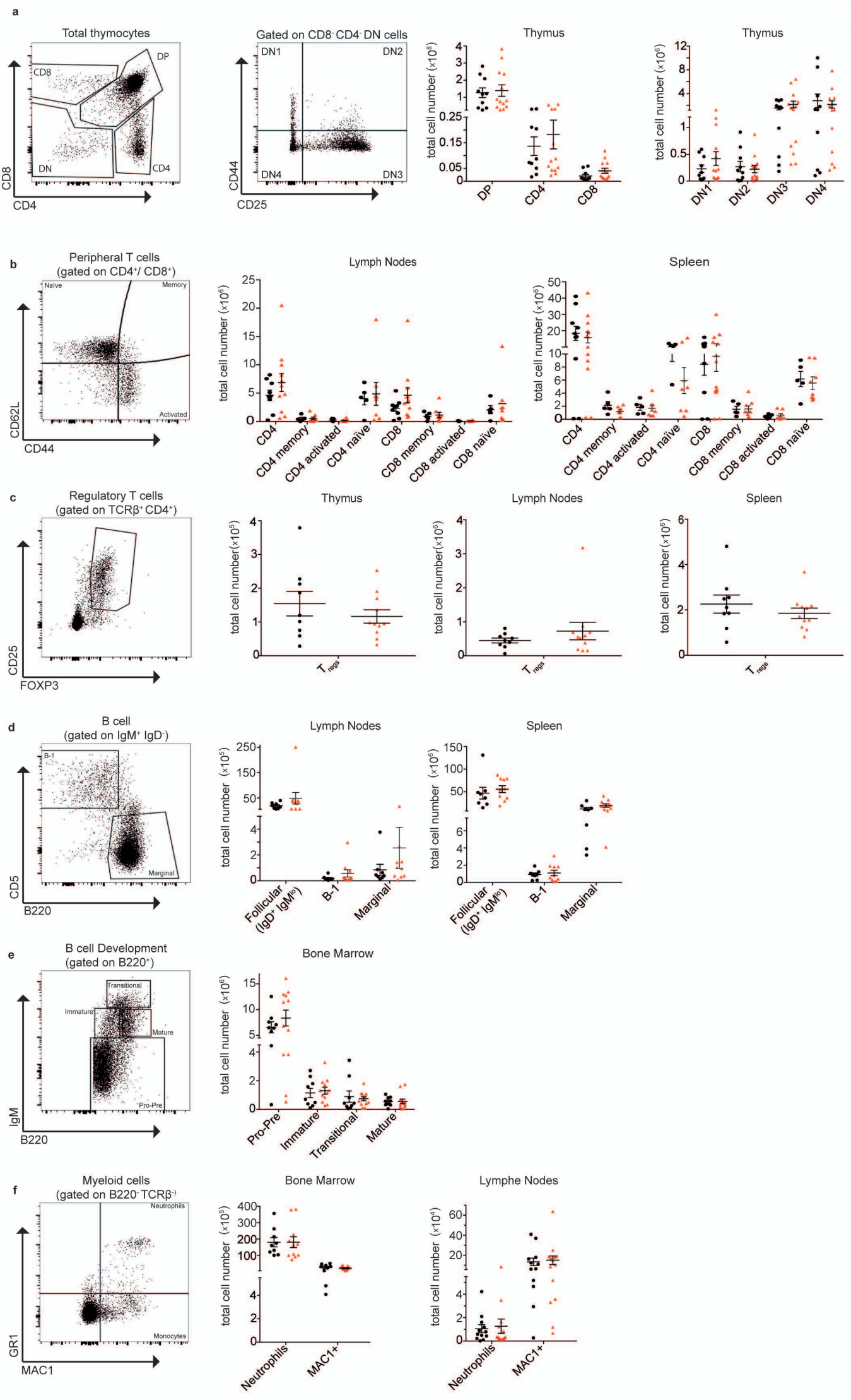


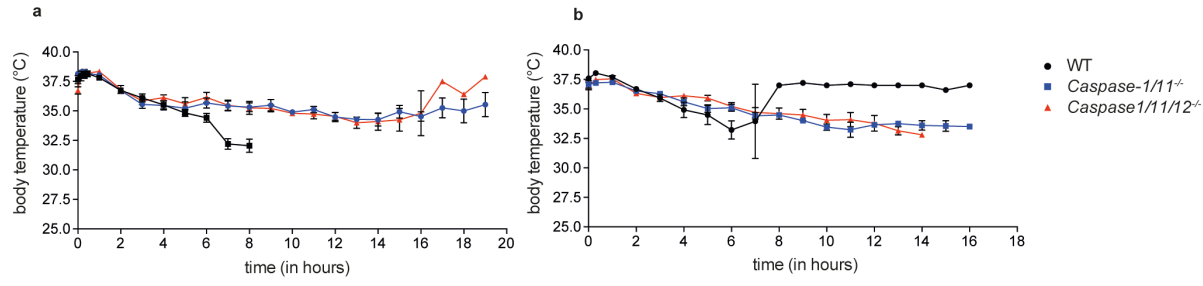
S1



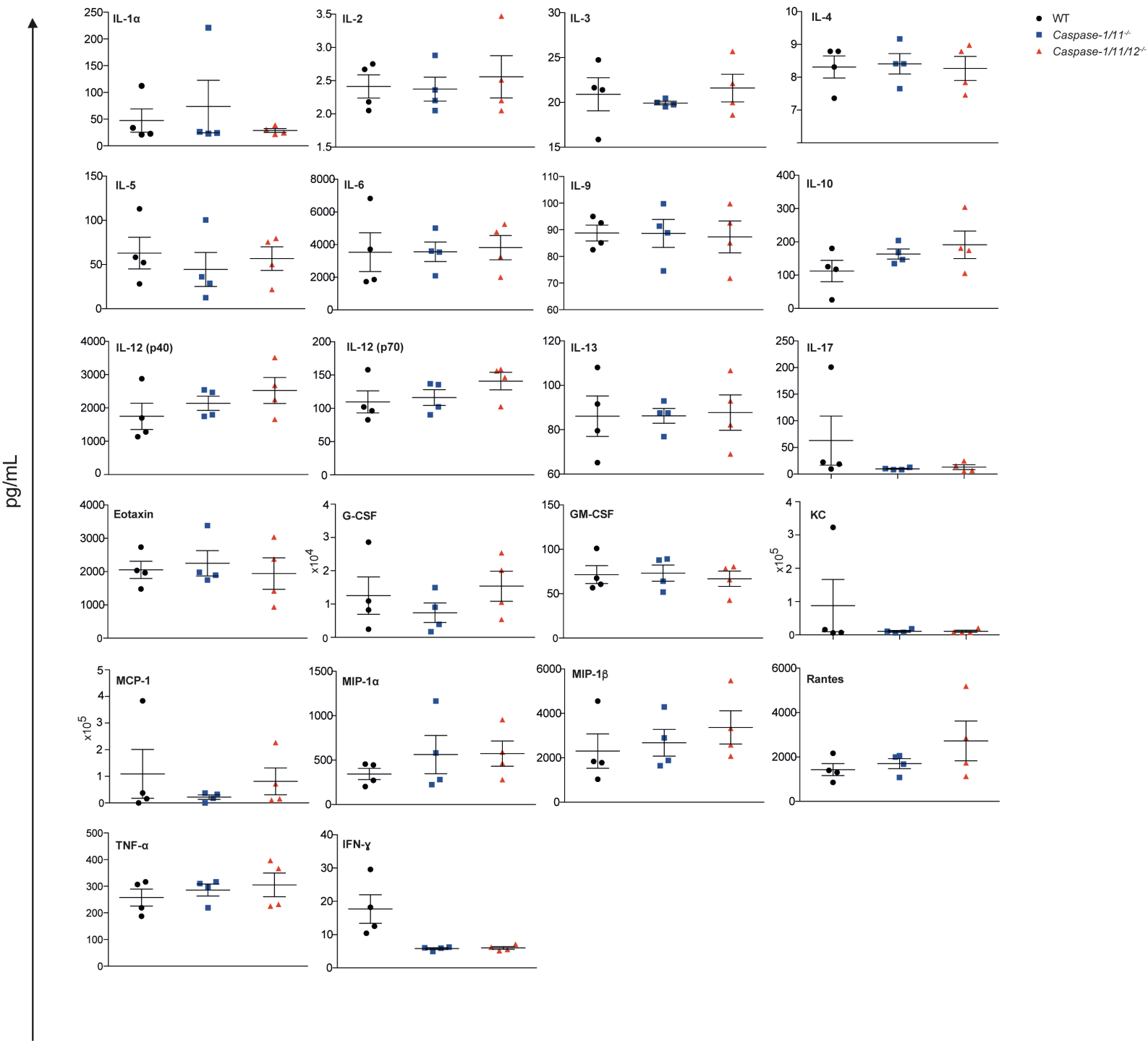
● WT
 ▲ Caspase-1/11/12^{-/-}



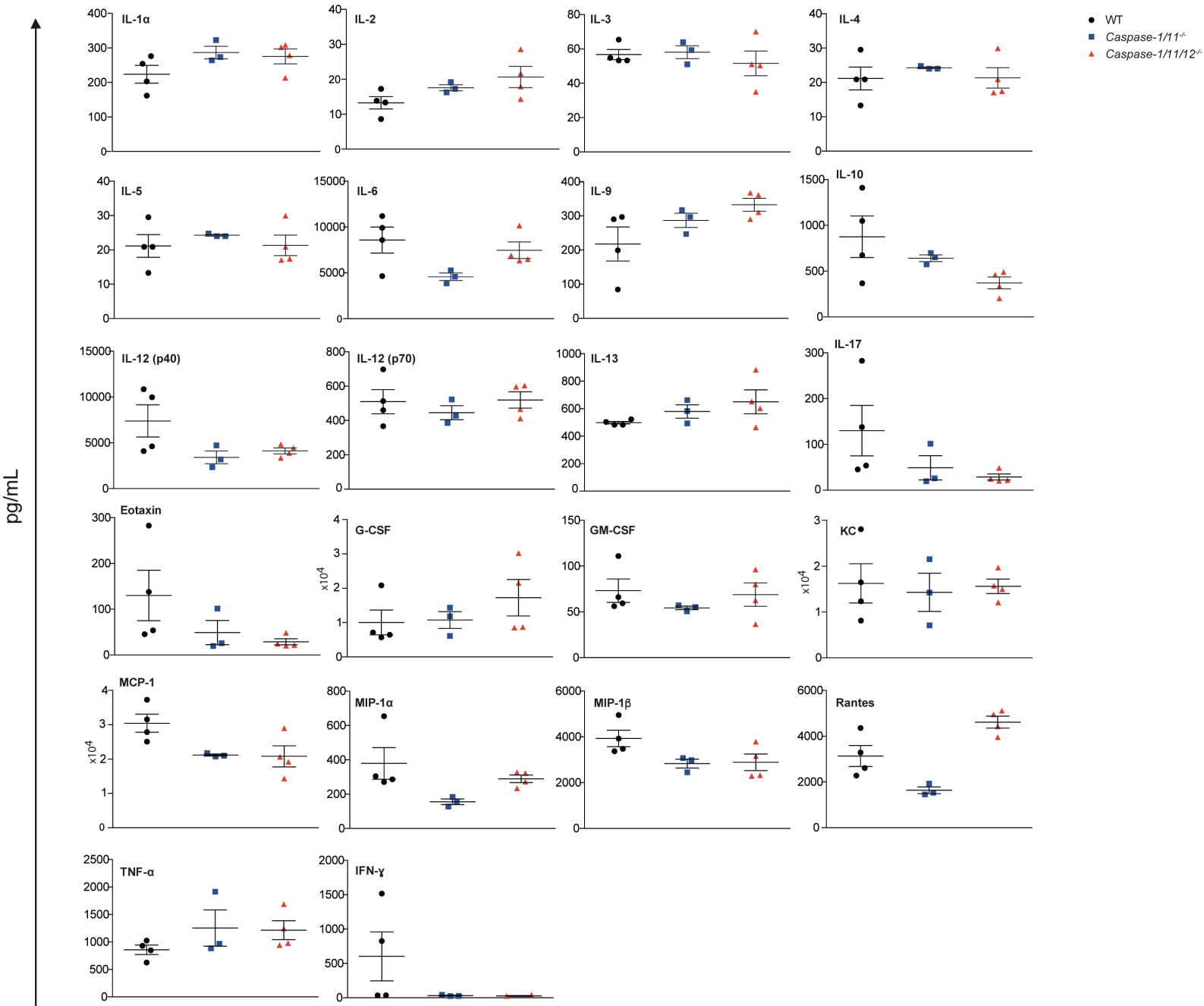
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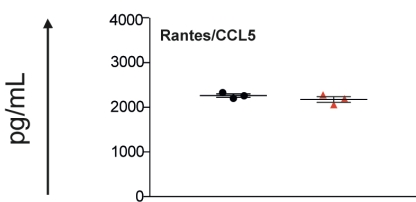
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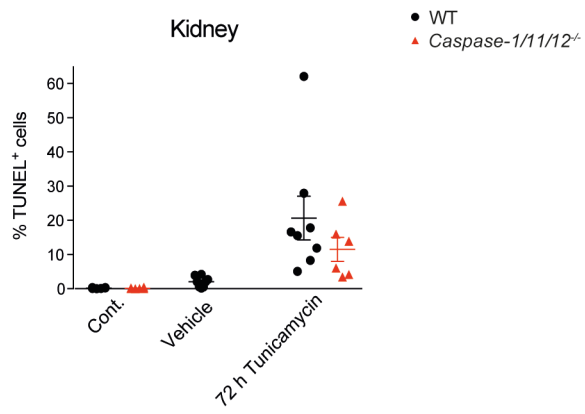
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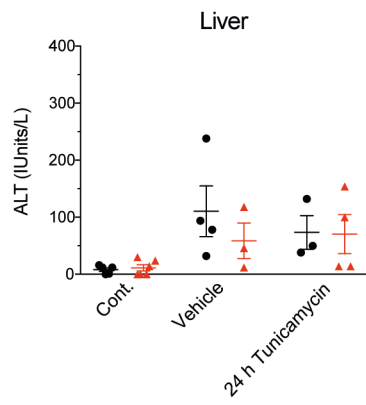
e



S4
a



b



S5

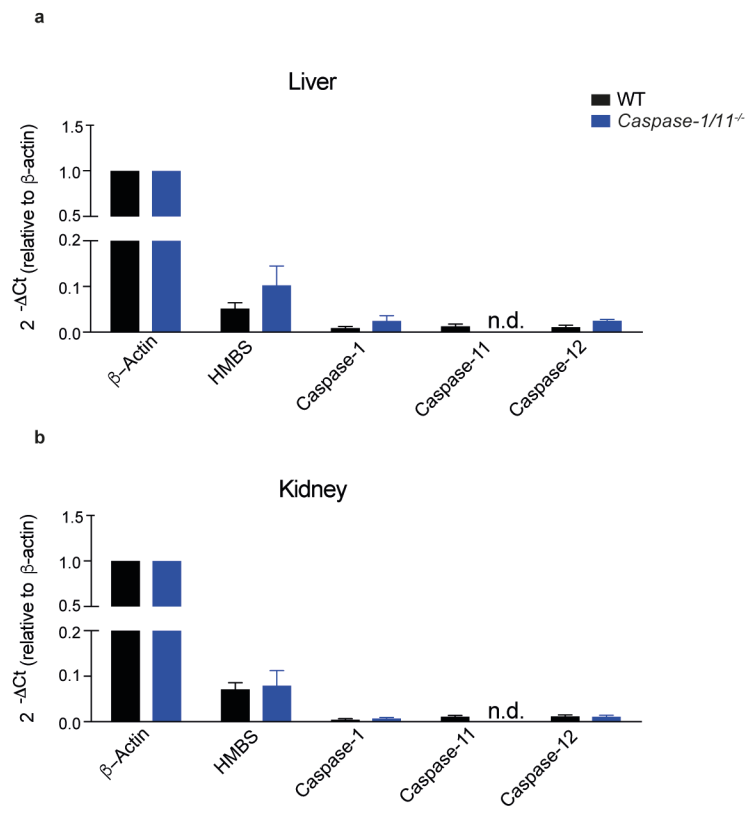


Table 1 a: Caspase-1 essay Il-1β secretion		
		adjusted p values
WT vs. C1/11-/-	Activated	0.0001
WT vs. C1/11/12 -/-	Activated	0.0002

Table 1 b: Caspase-11 essay Il-1β secretion		
		adjusted p values
WT vs. C1/11-/-	Activated	0.001
WT vs. C1/11/12 -/-	Activated	0.001

Table 2 a: Survival statistics of mice post injection of 18 mg/kg	
	adjusted p values
WT vs. C1/11 -/-	p=0.009
WT vs. C1/11/12 -/-	p=0.001
C1/11 -/- vs. C1/11/12 -/-	p=0.1

Table 2 b: Il-18 secretion upon injection of 18 mg/kg	
	adjusted p values
Cont. WT vs. WT	0.002
Cont. C1/11/12 -/- vs. WT	0.0002
WT vs. C1/11 -/-	<0.0001
WT vs. C1/11/12 -/-	<0.0001

Table 2 b: Survival statistics of mice post injection of 54 mg/kg	
	adjusted p values
WT vs. C1/11 -/-	p=0.02
WT vs. C1/11/12 -/-	p=0.02

Table 2 c: Il-18 secretion upon injection of 54 mg/kg	
	adjusted p values
Cont. WT vs. WT	<0.0001
Cont. C1/11/12 -/- vs. WT	<0.0001
WT vs. C1/11 -/-	<0.0001
WT vs. C1/11/12 -/-	<0.0001

Table 3: Mean Ct values after indicated LPS treatment in BMDMs

	<i>β-actin</i>		<i>HMBS</i>		<i>Caspase-1</i>		<i>Caspase-11</i>		<i>Caspase-12</i>	
	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-
Untreated	16	16.2	23.85	24.4	22.3	22.5	24.8	36.8	33.3	32.8
20 ng LPS	16.4	16.2	24.87	25.37	21.1	22.3	21	32.2	28.4	28
500 ng LPS	16.4	17.1	25.21	26	21.1	22.4	20.9	34.9	27.3	27.3

Table 4 a: INF-γ secretion, 18 mg/kg LPS I.P	
	adjusted p values
WT vs. C1/11 -/-	0.0206
WT vs. C1/11/12 -/-	0.0226

Table 4 b: Rantes/ CCL5 secretion, 54 mg/kg LPS I.P	
	adjusted p values
WT vs. C1/11 -/-	0.0428
WT vs. C1/11/12 -/-	0.0318
C1/11 -/- vs. C1/11/12 -/-	0.0009

Table 5: Mean Ct expression values of *caspase-1*, *-11*, *-12* and β -*actin* in liver and kidney

	<i>β-actin</i>		<i>HMBS</i>		<i>Caspase-1</i>		<i>Caspase-11</i>		<i>Caspase-12</i>	
	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-	WT	Caspase-1/11-/-
Liver	24.45	25.33	28.79	28.82	31.6	30.93	30.9	n.d.	31.26	30.66
Kidney	23.19	22.75	27.05	26.72	31.44	29.98	29.96	n.d.	29.6	29.27