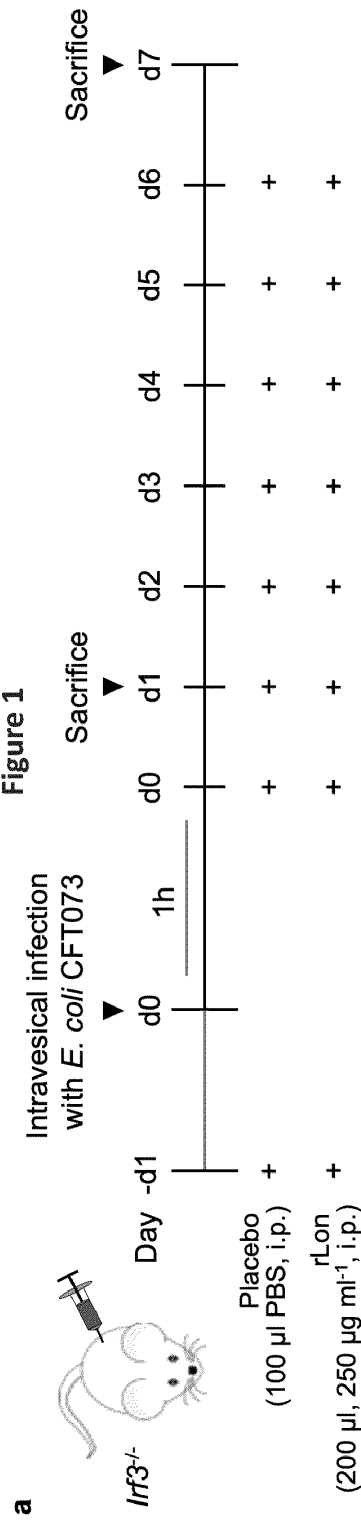
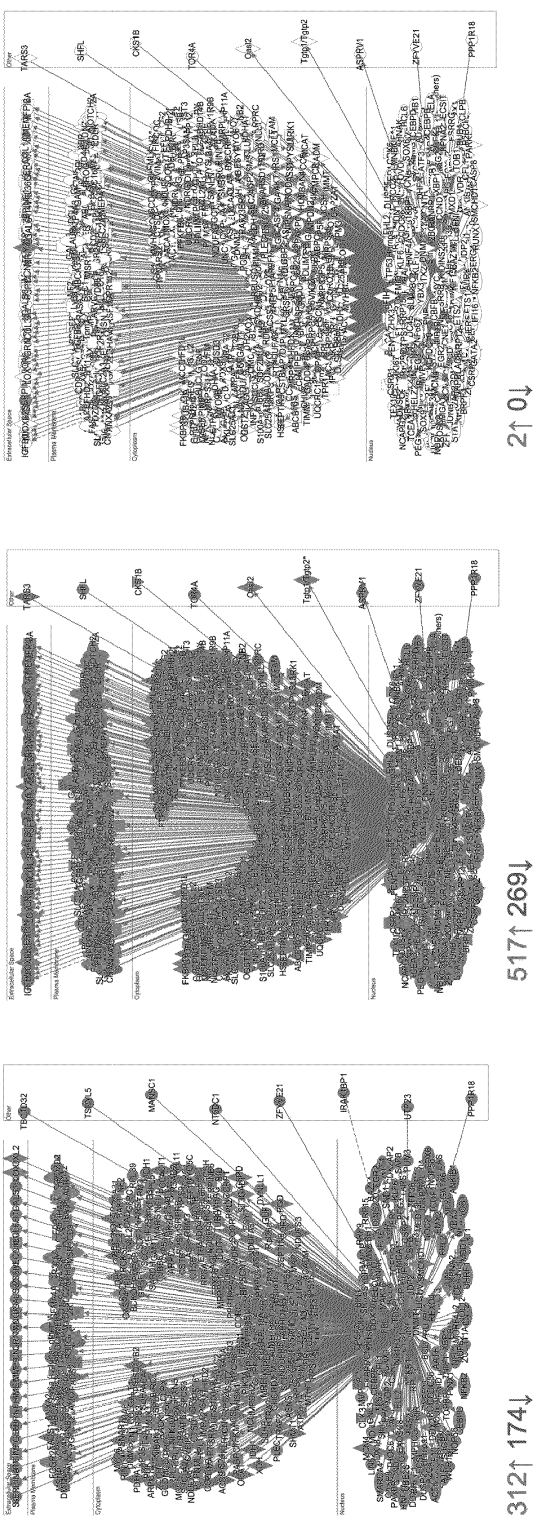




b MYC-dependent genes regulated by infection, 24h

c MYC-dependent genes regulated by infection, 7d

d MYC-dependent genes regulated by infection after rLon treatment, 7d



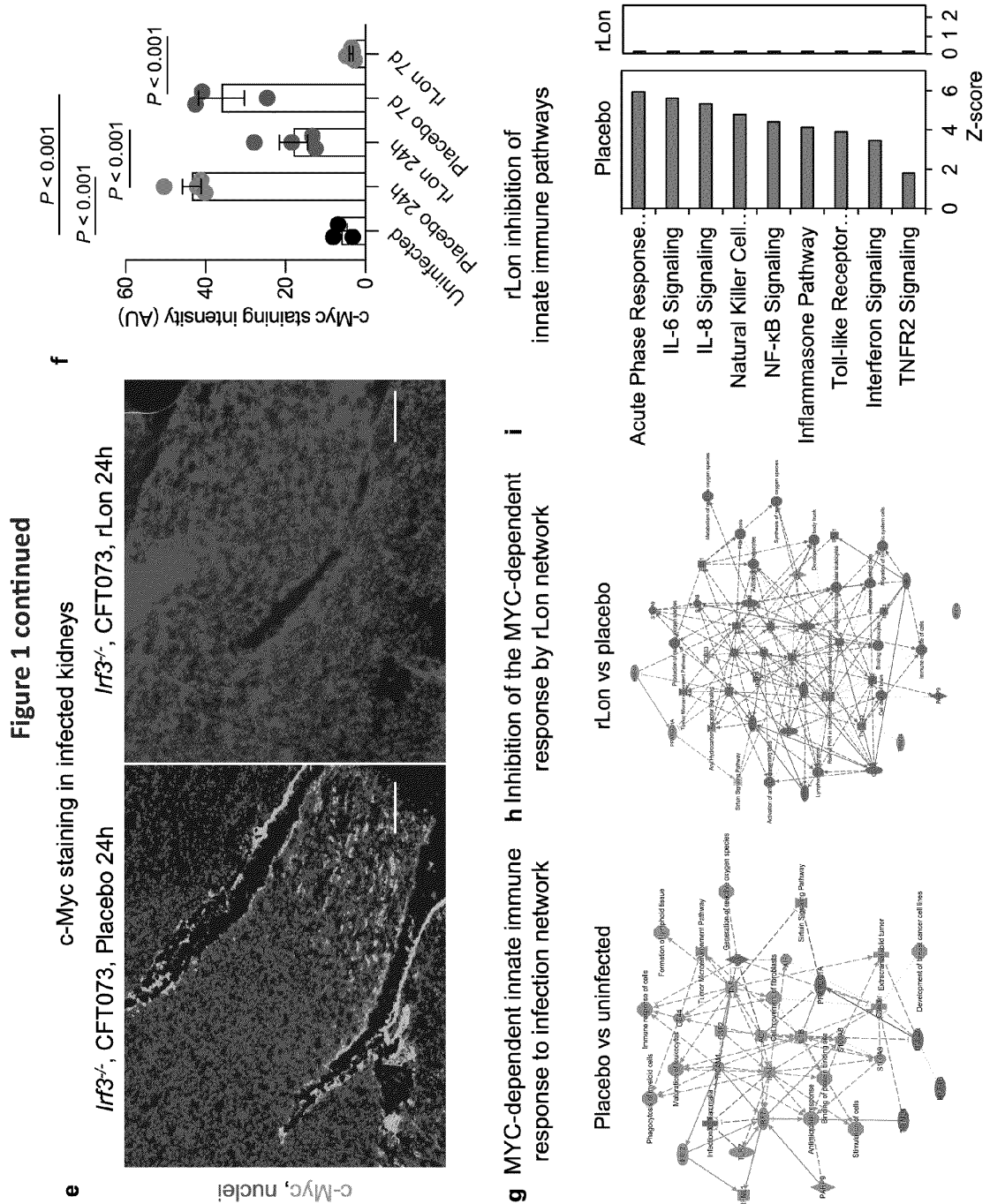


Figure 2

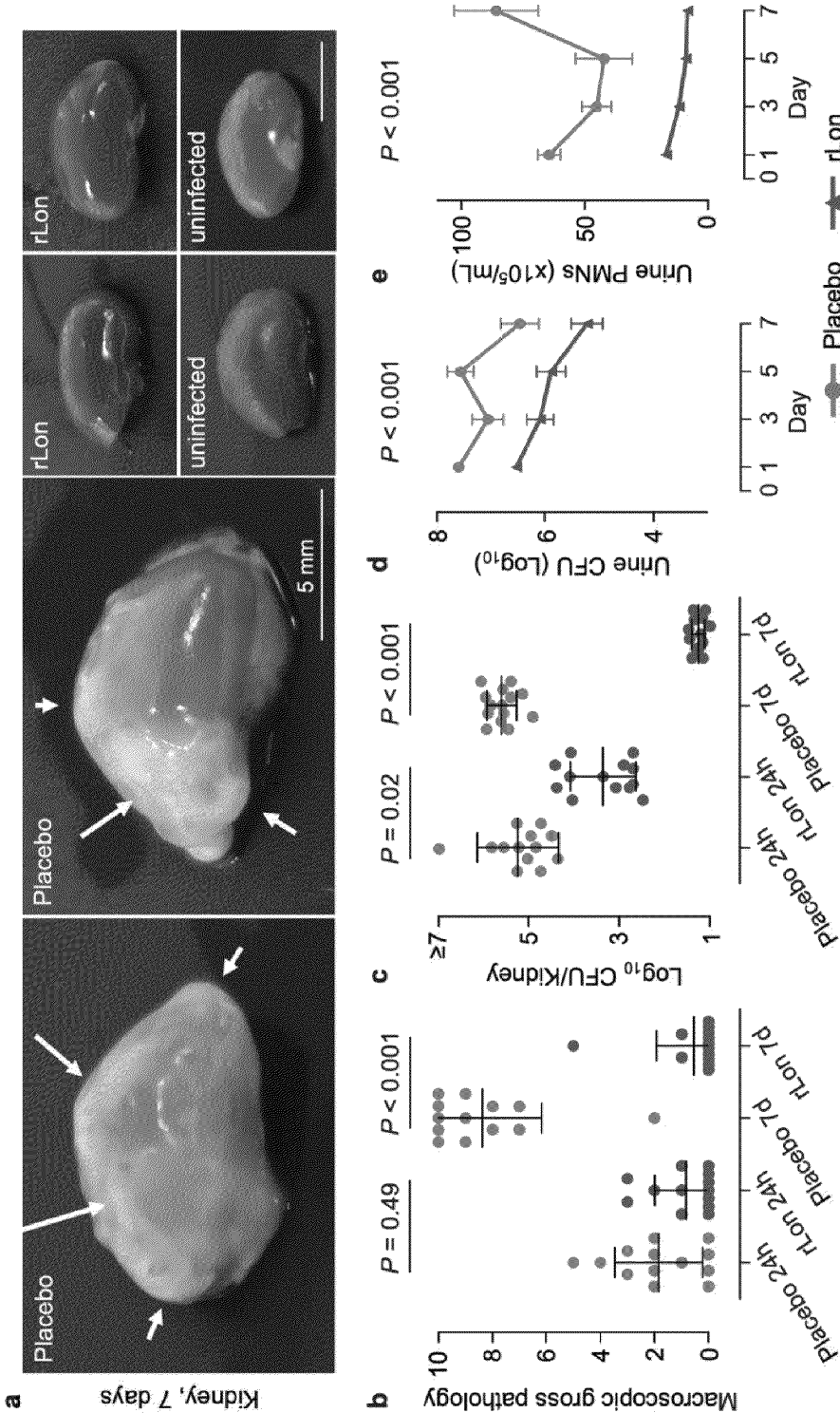
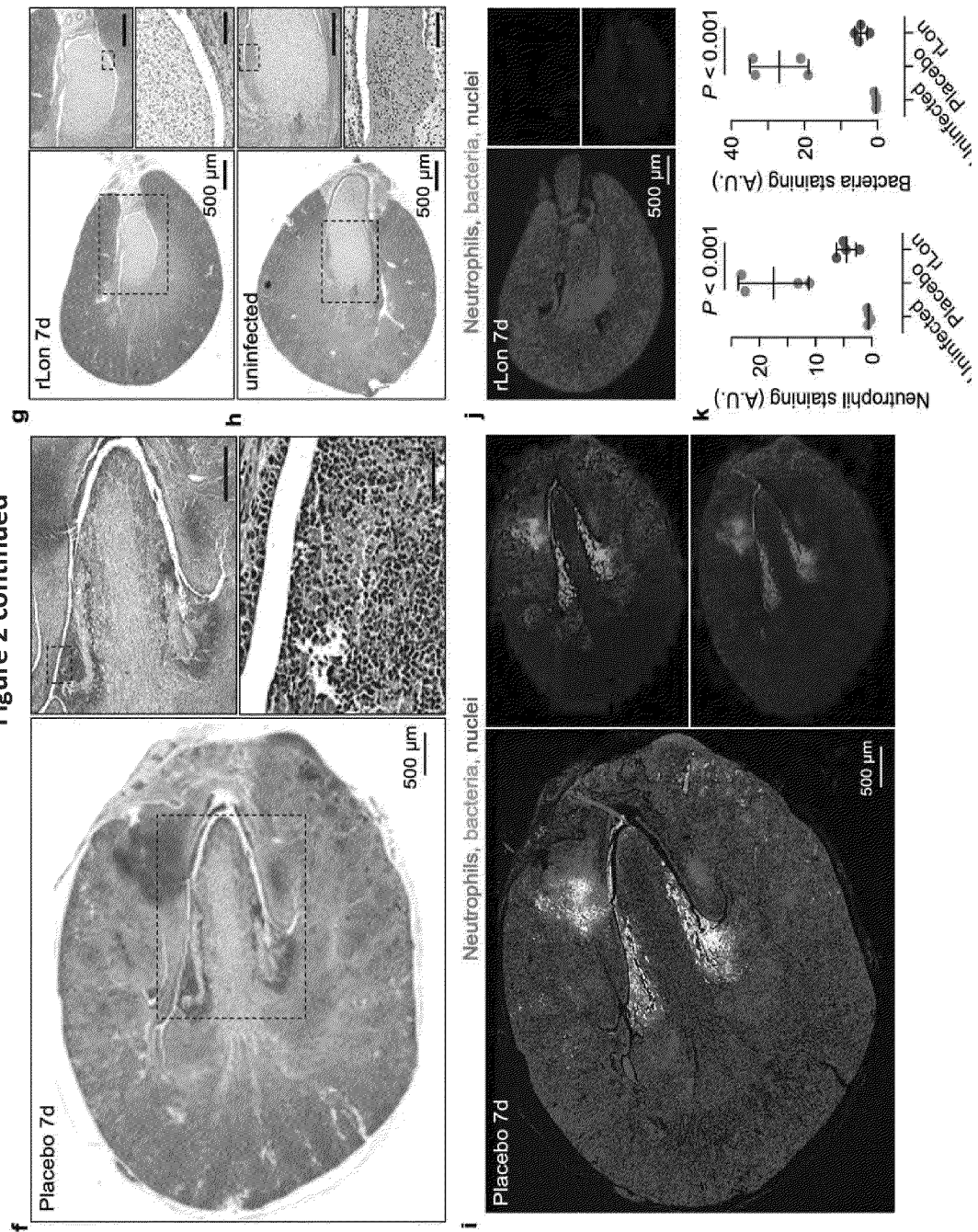


Figure 2 continued



Renal toxicity genes regulated in infected kidneys
Irf3^{-/-} CFT073, 7d, Placebo

a

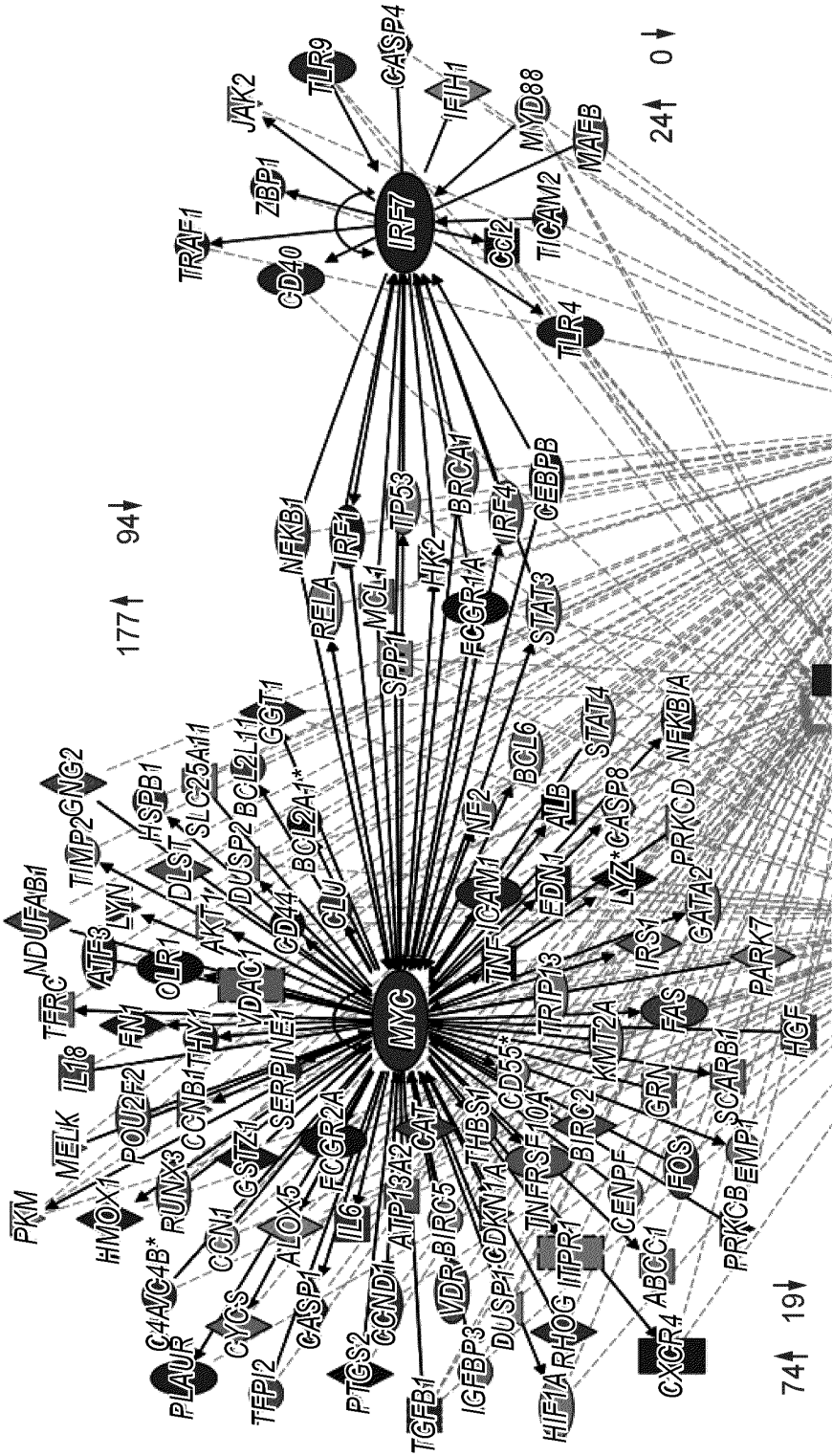


Figure 3

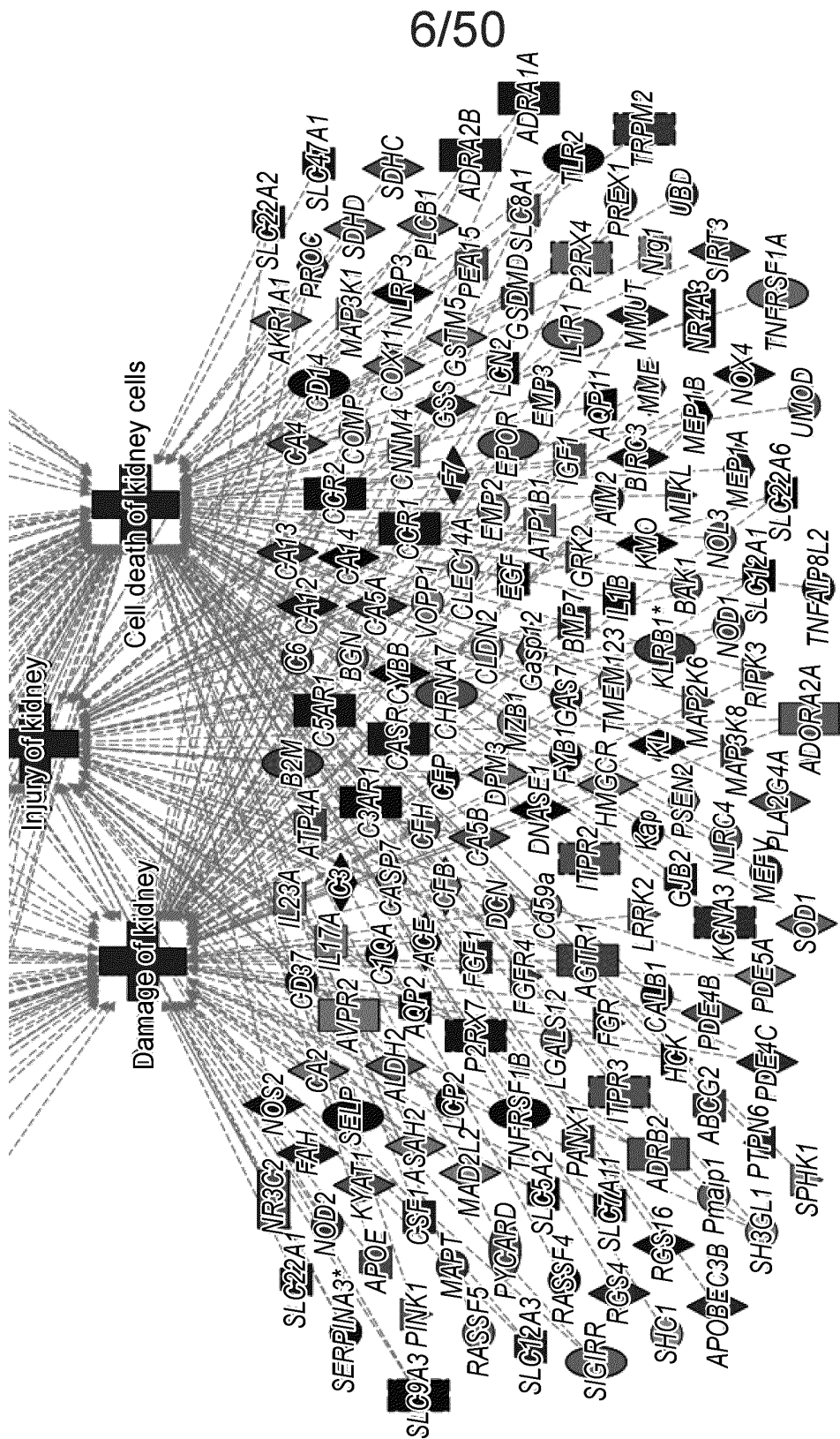
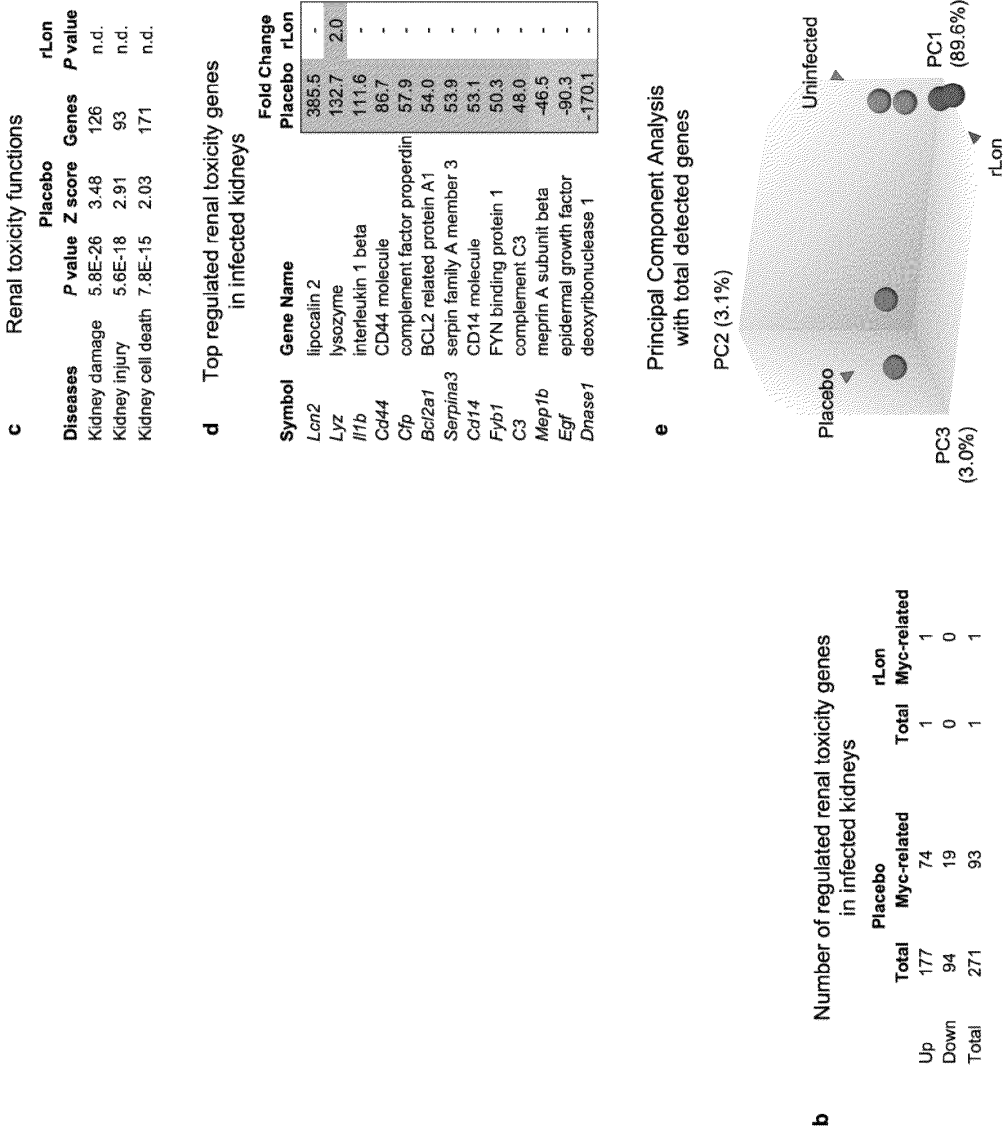


Figure 3 continued

Figure 3 continued



f

8/50

Total detected genes (19,863 genes)

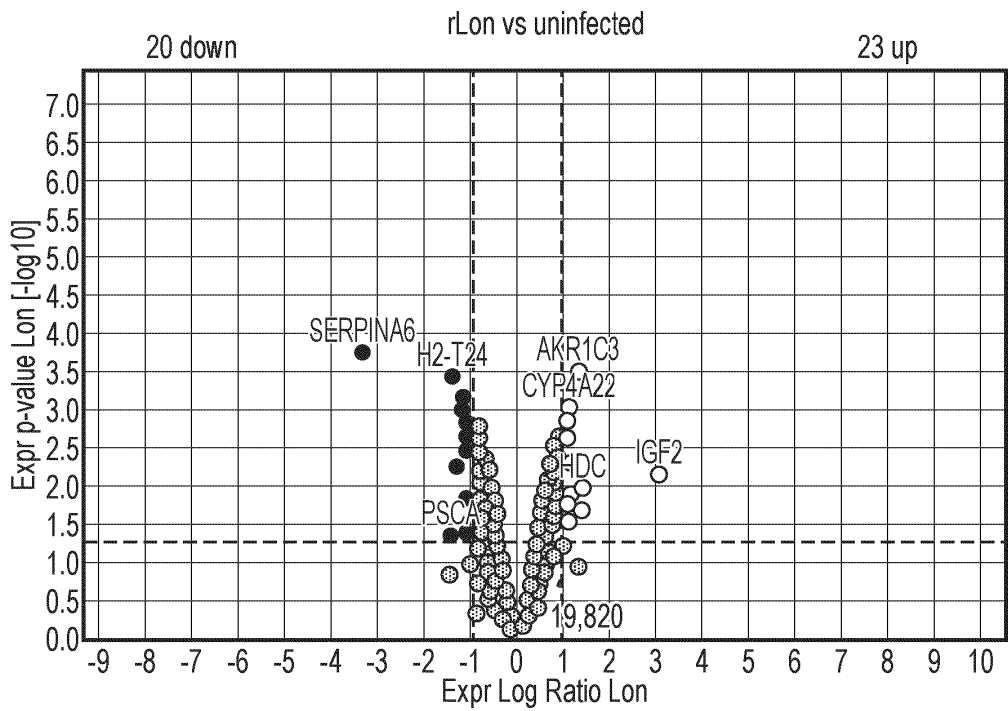
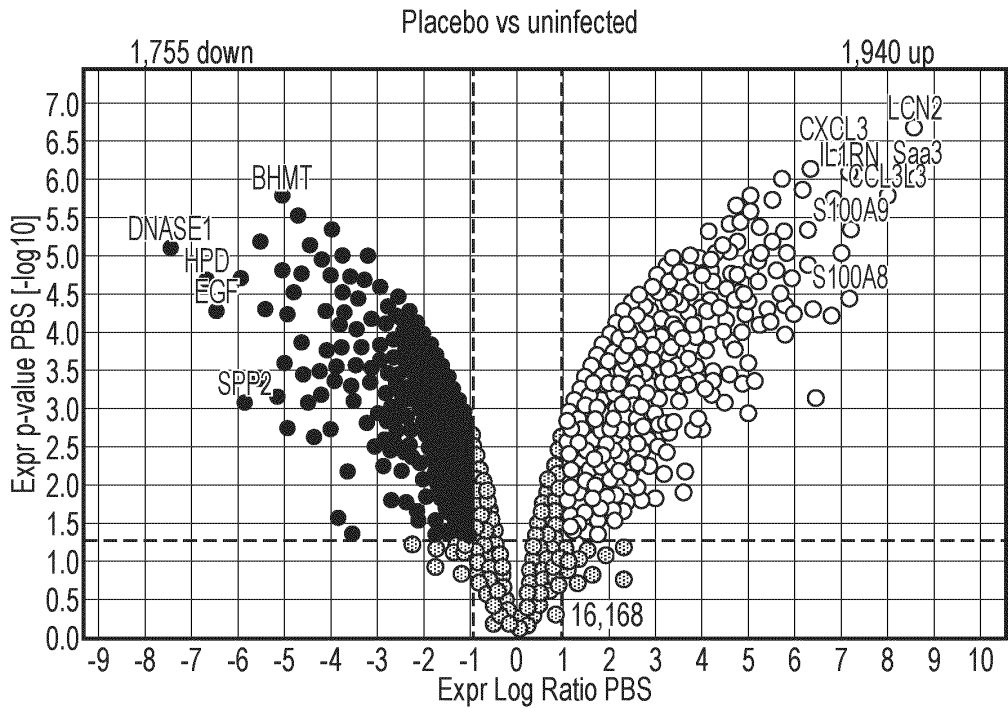


FIG. 3 continued

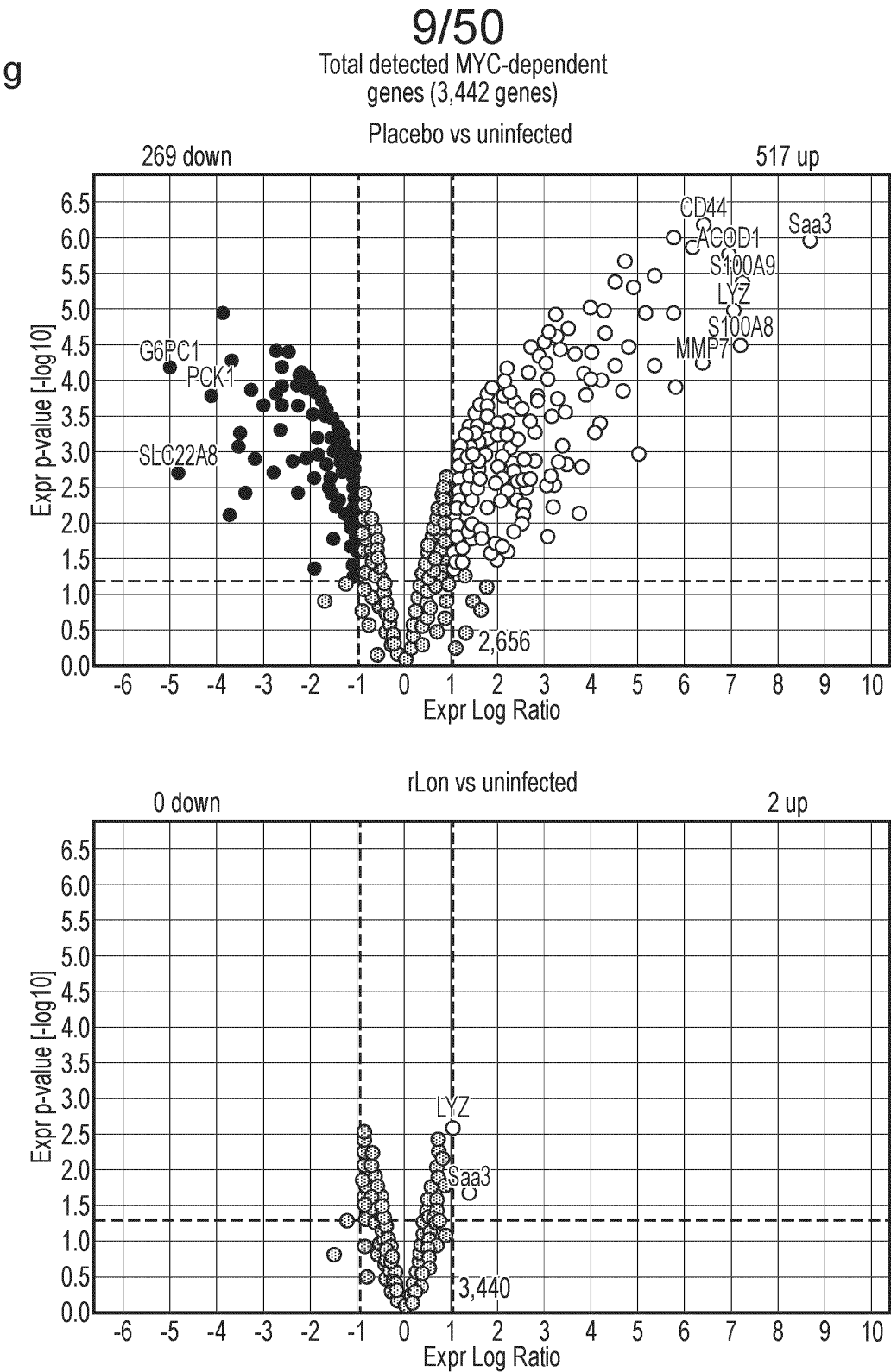


FIG. 3 continued

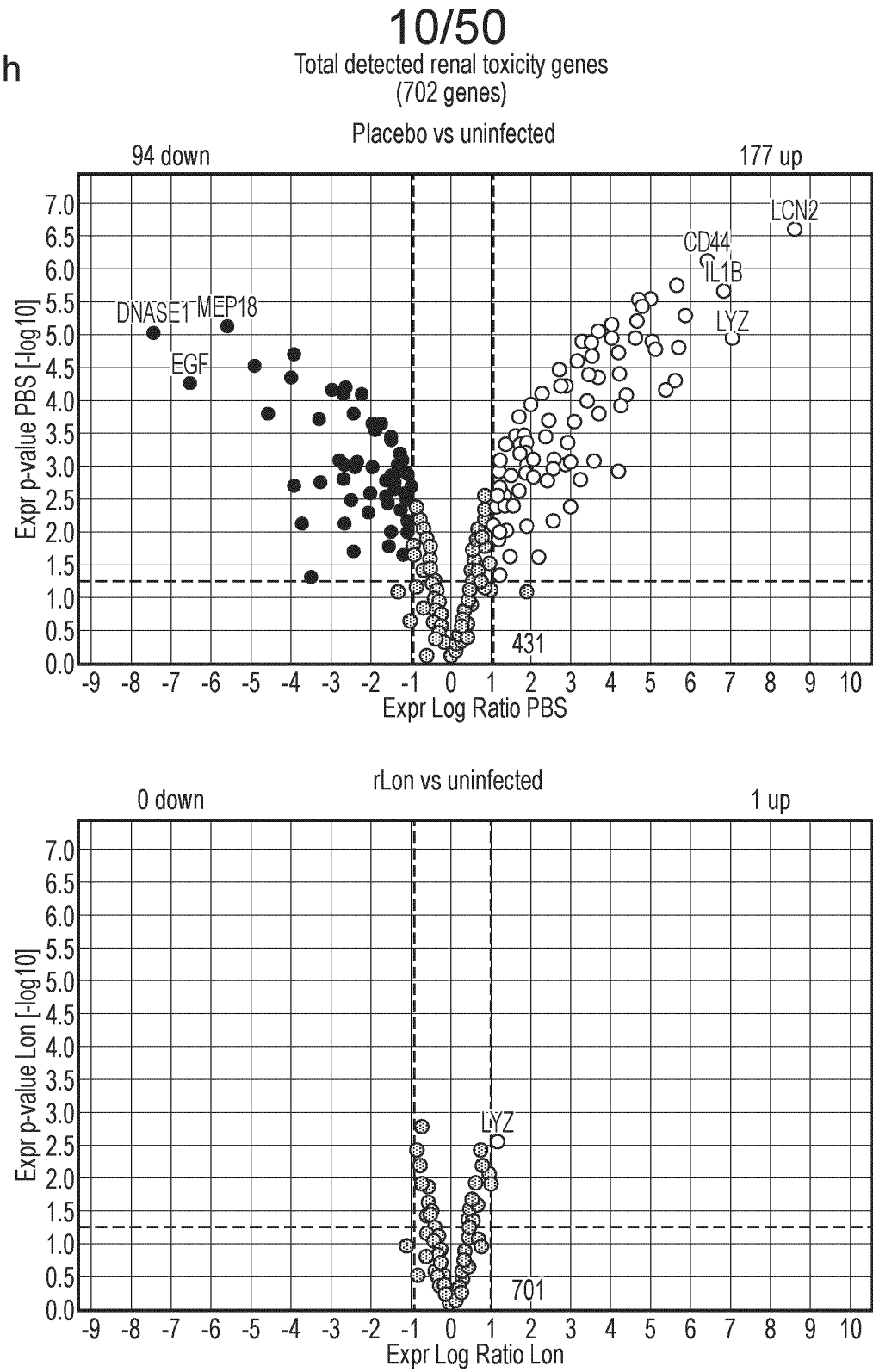


FIG. 3 continued

Figure 4 continued

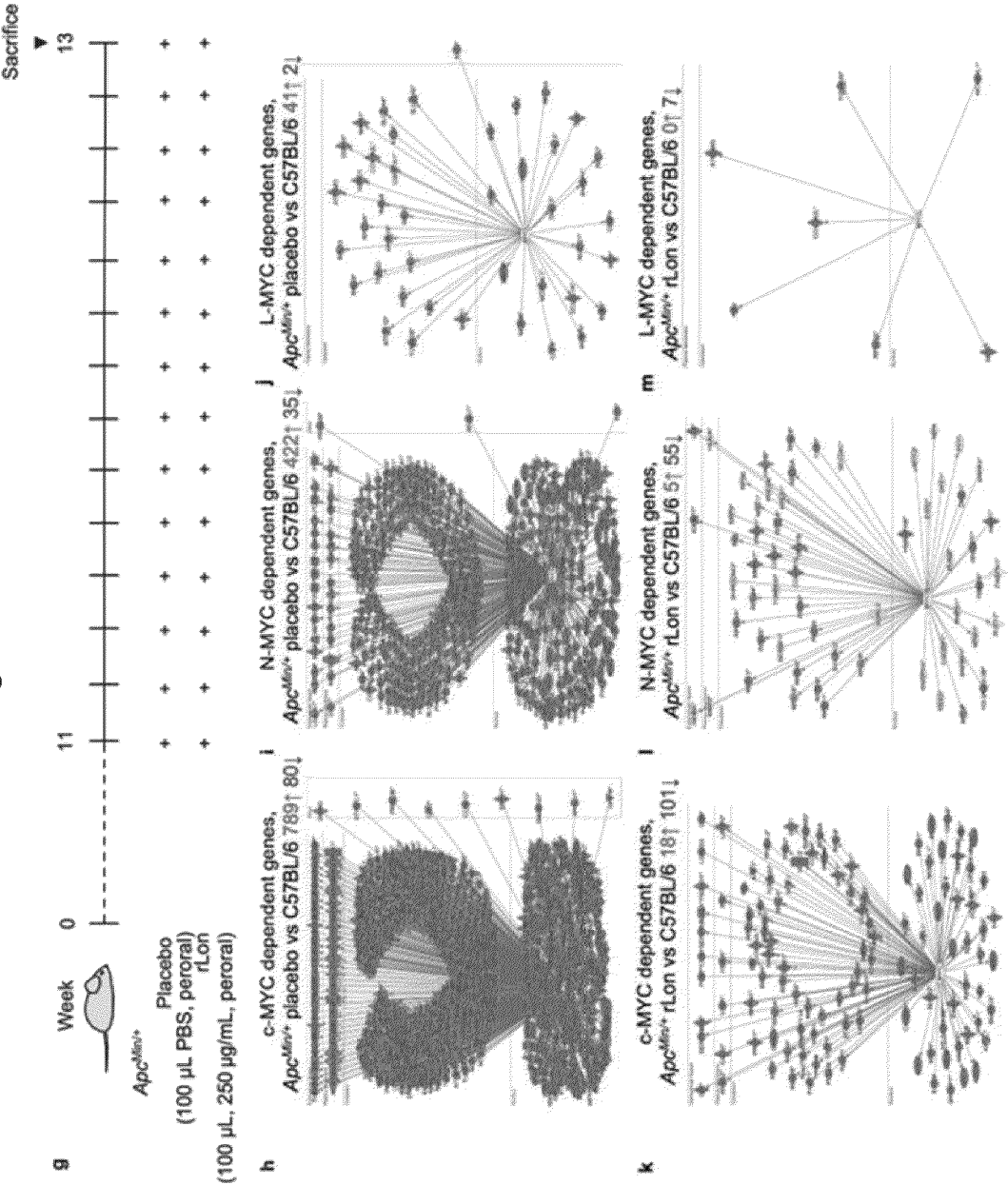
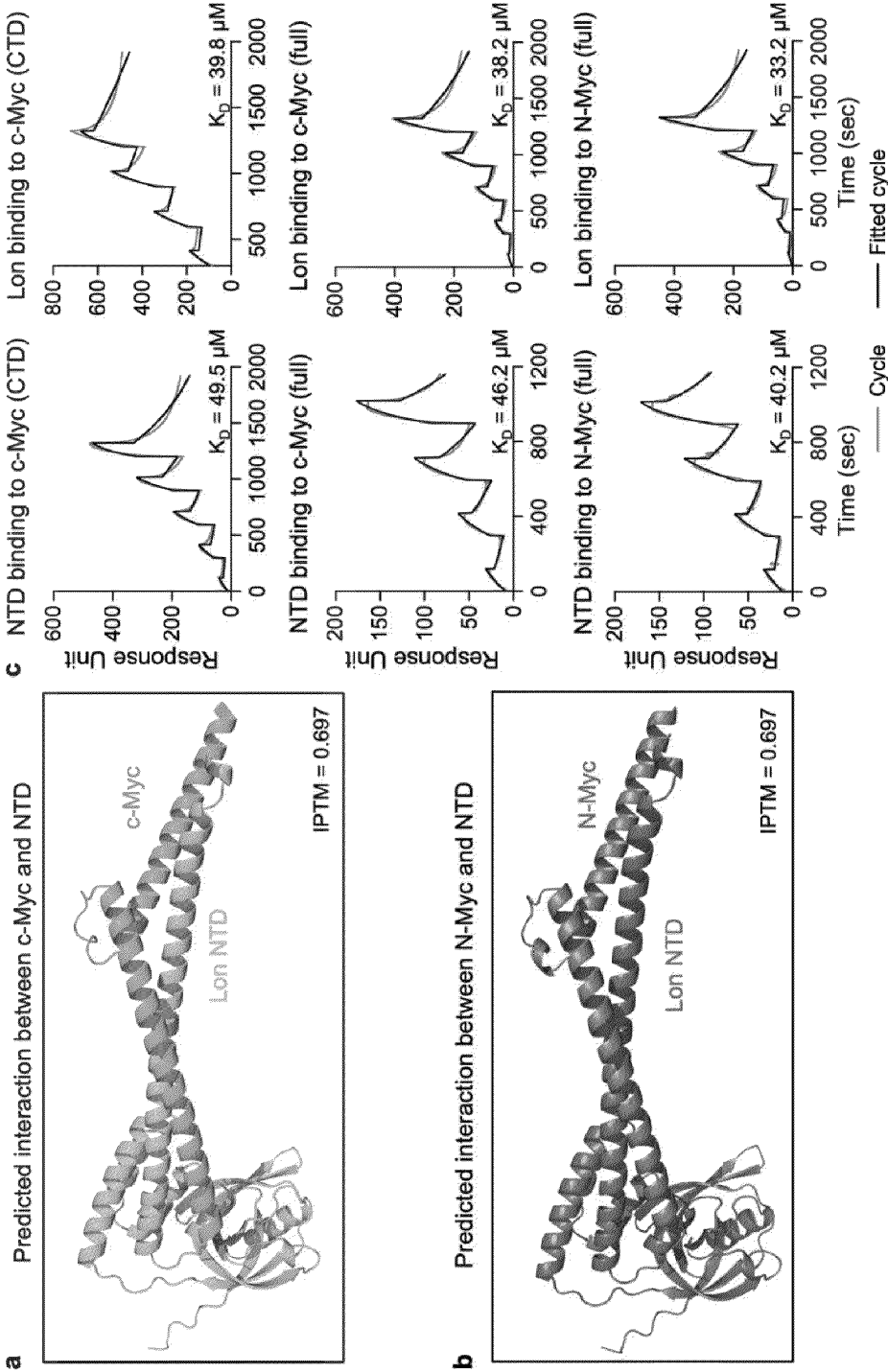


Figure 6



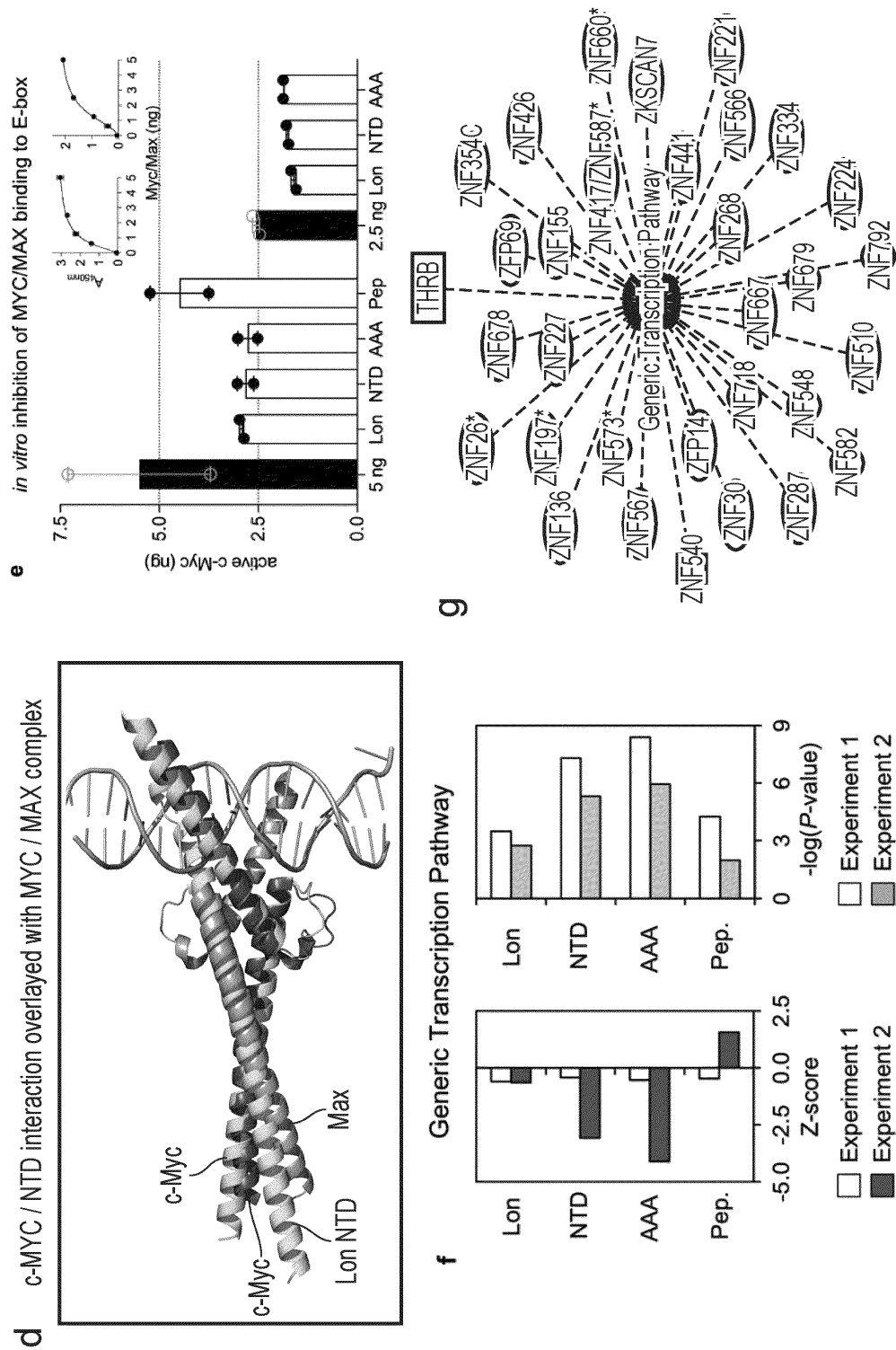
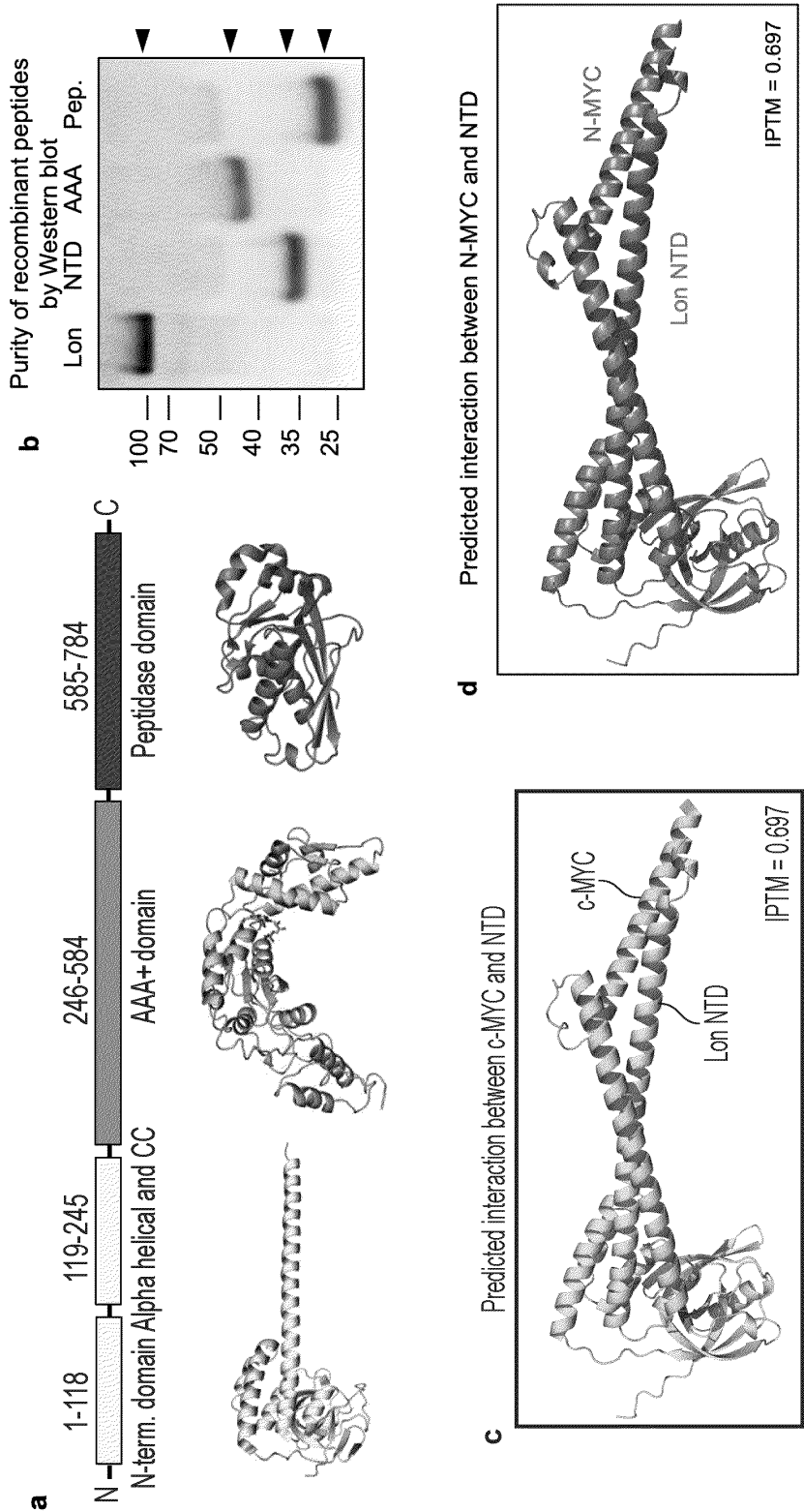


Figure 6 continued



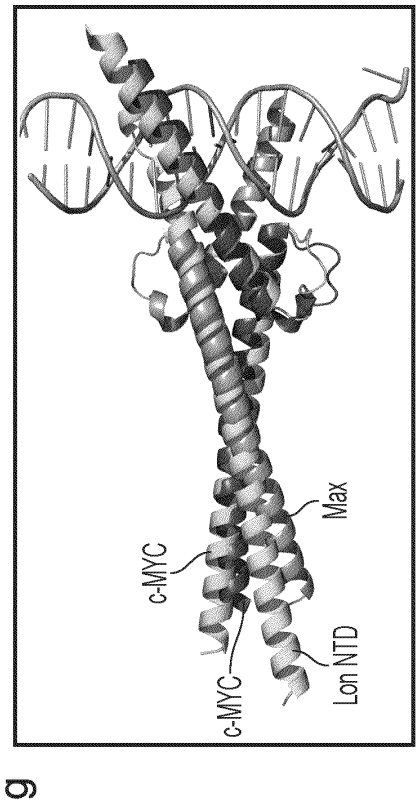
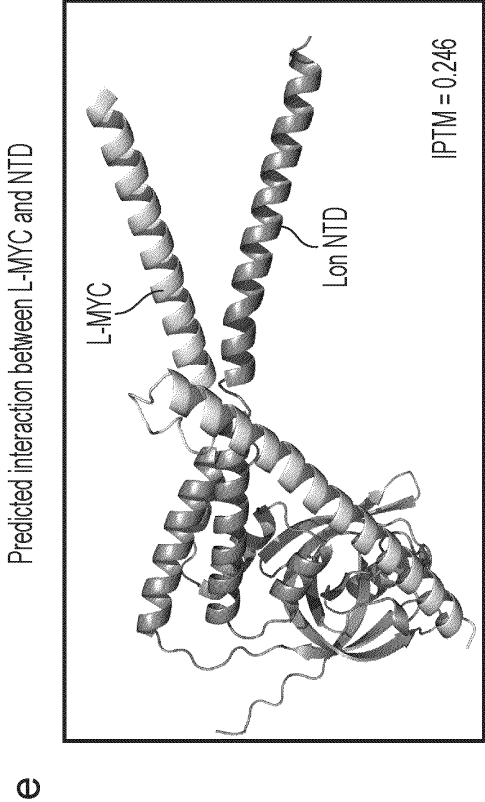
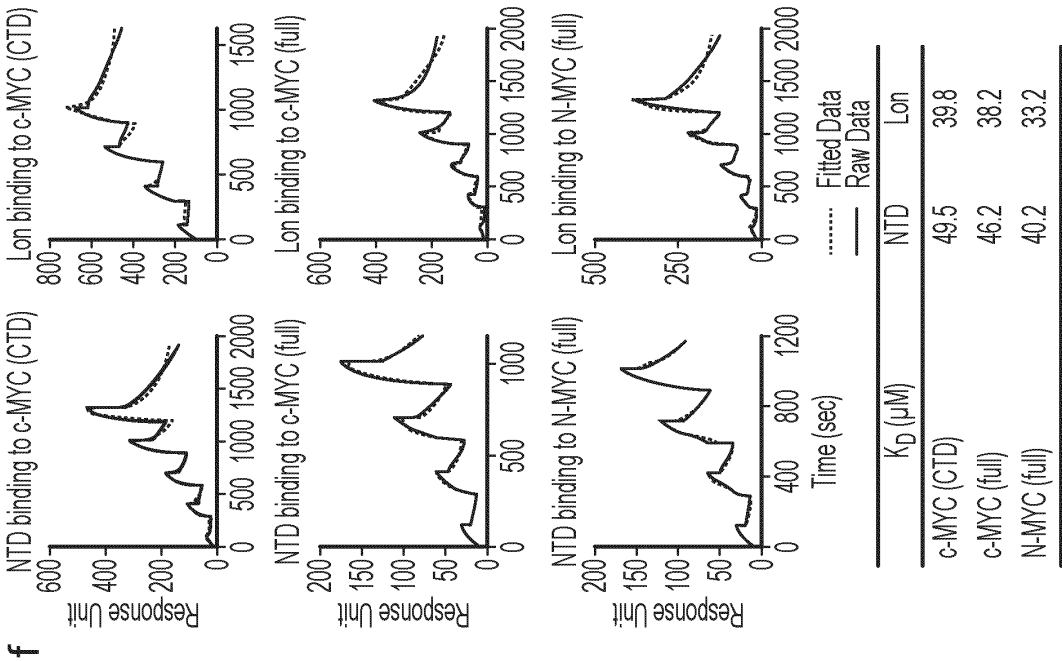


Figure 7 continued

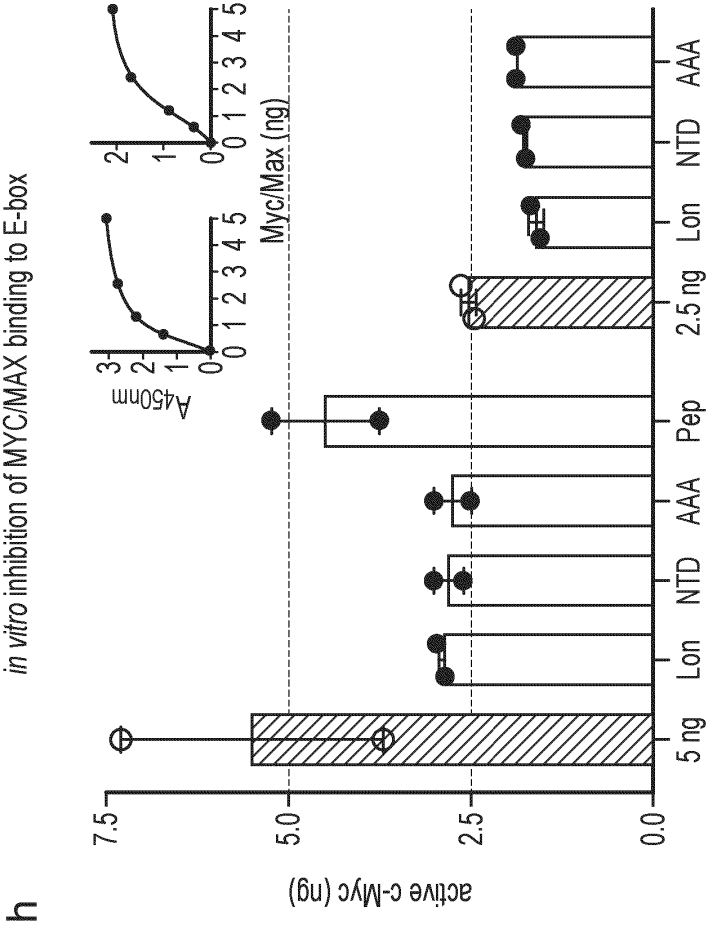


Figure 7 continued

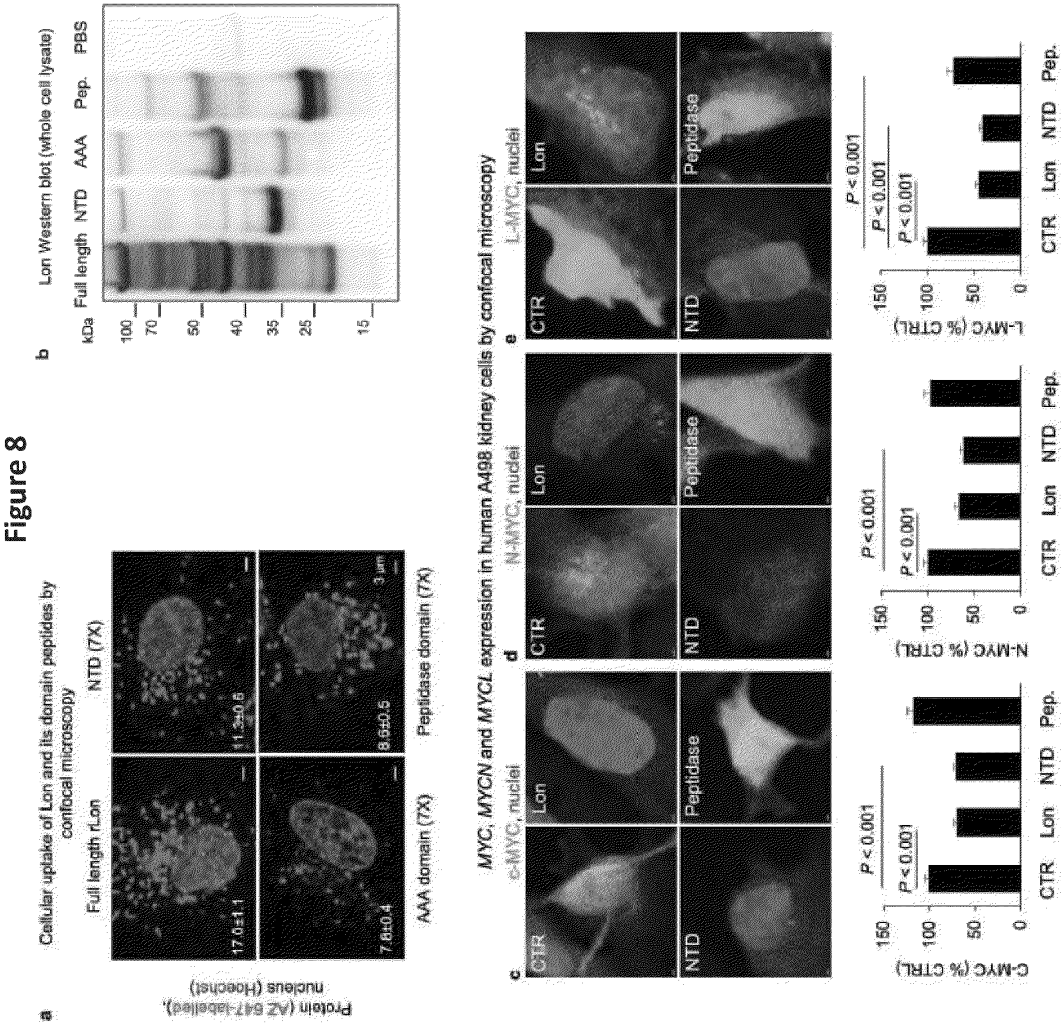


Figure 8 continued

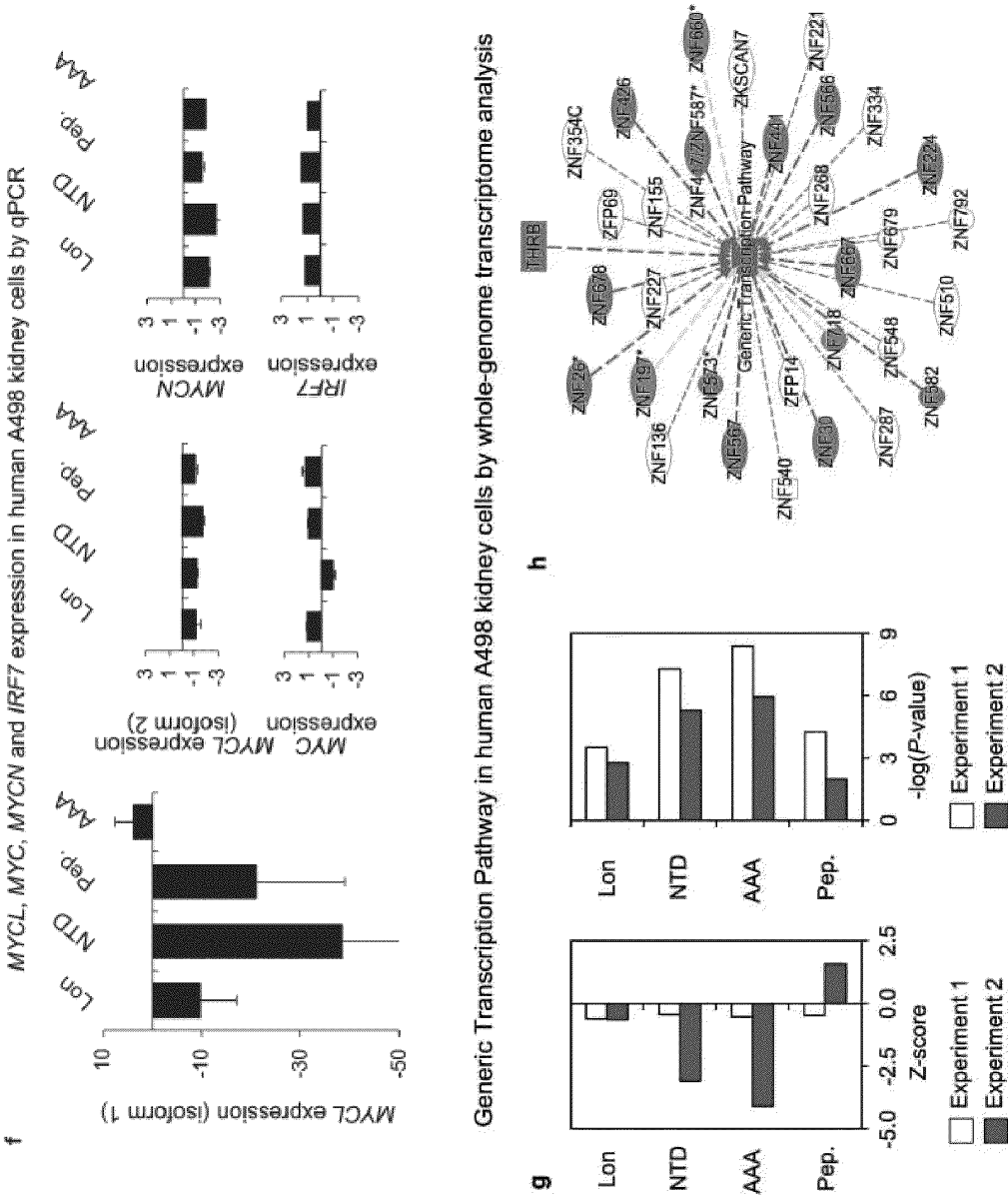


Figure 9

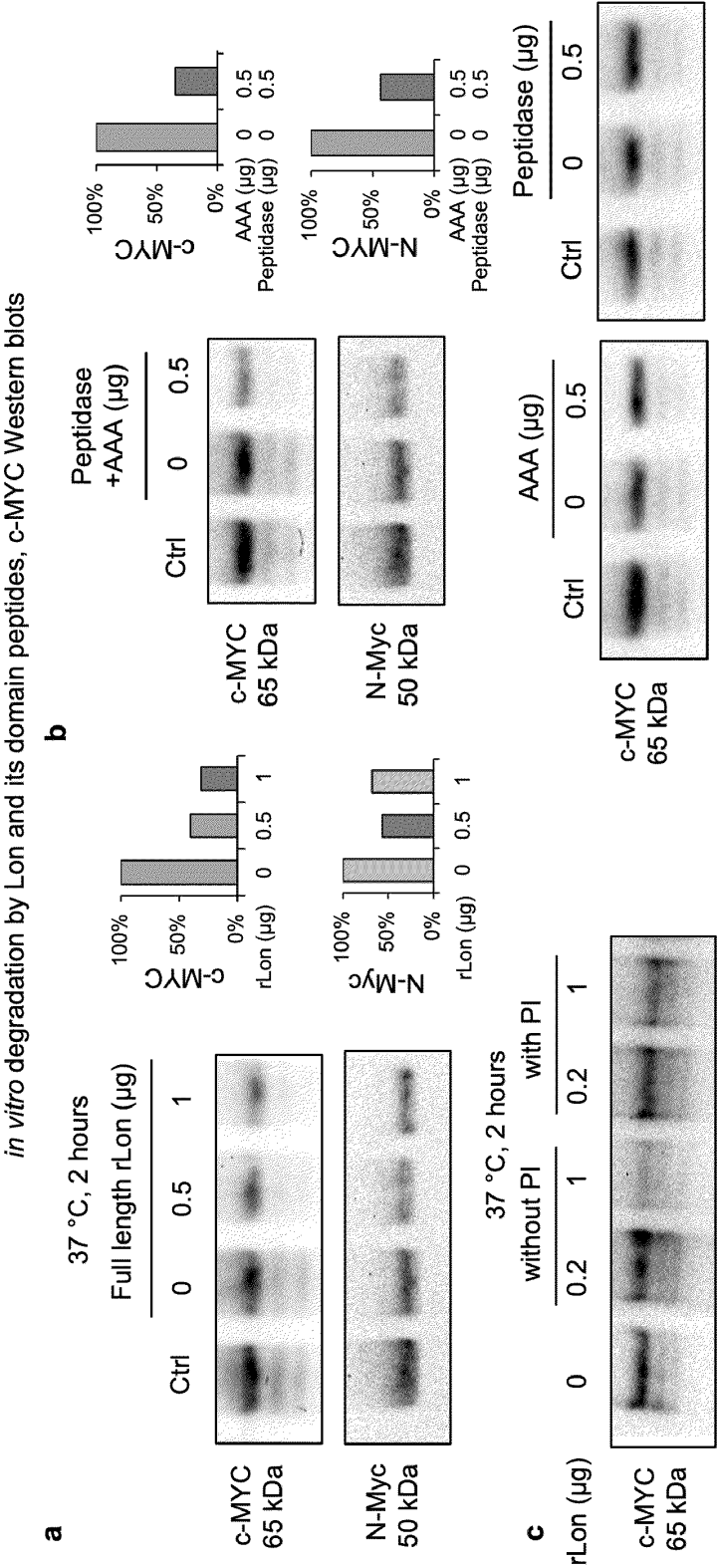
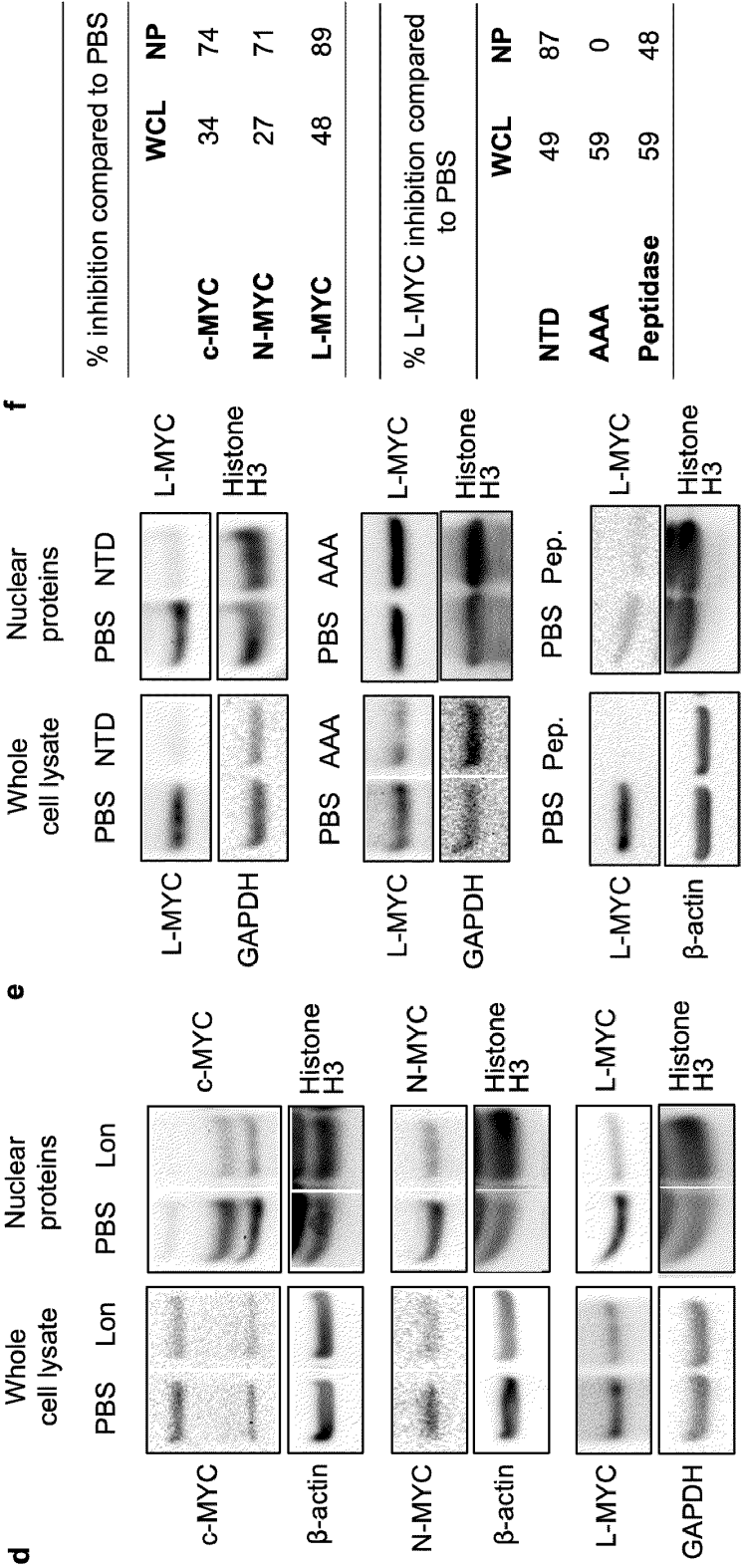


Figure 9 continued

c-MYC, N-MYC, L-MYC expression in human A498 kidney cells by Western blot



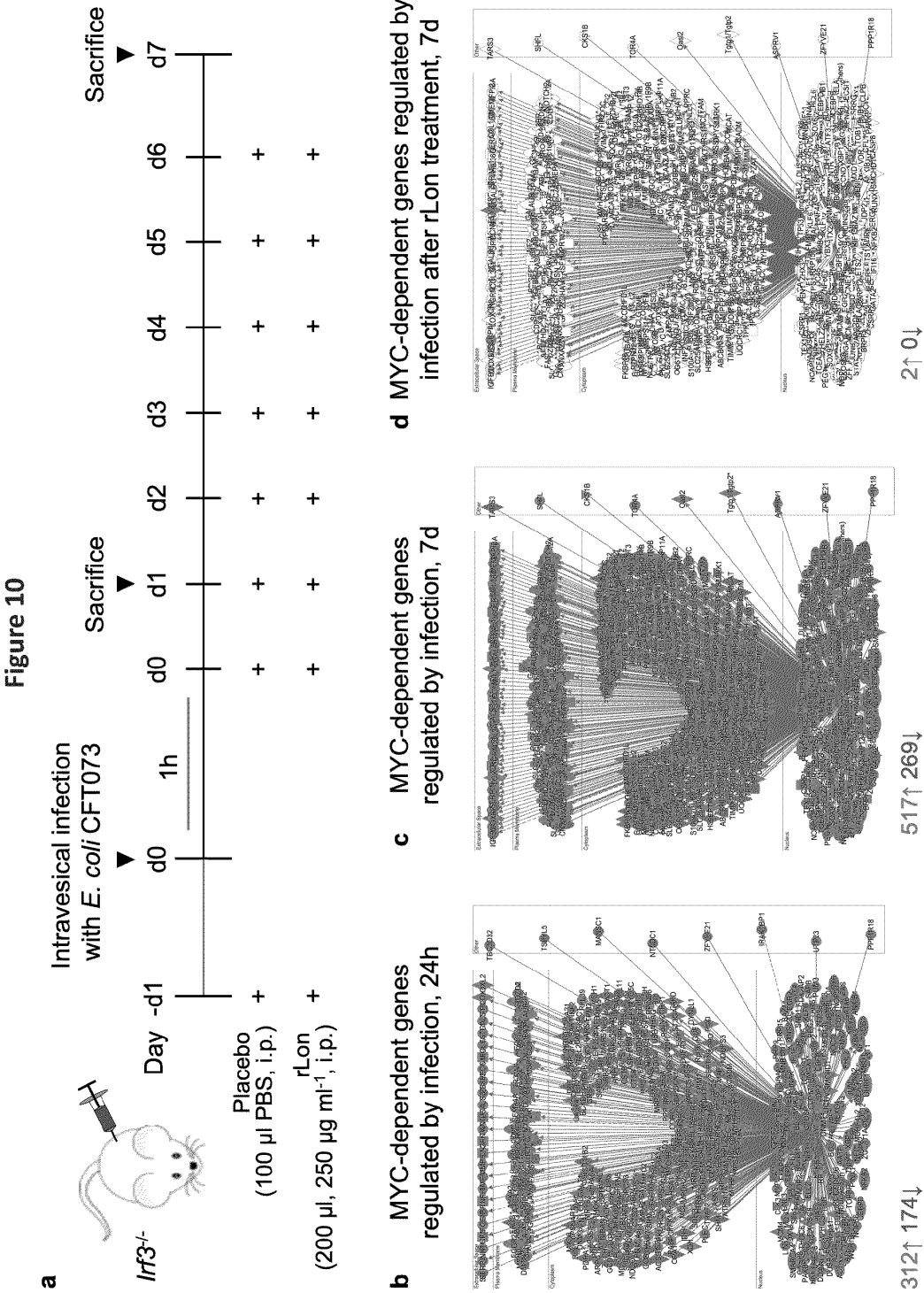


Figure 10 continued

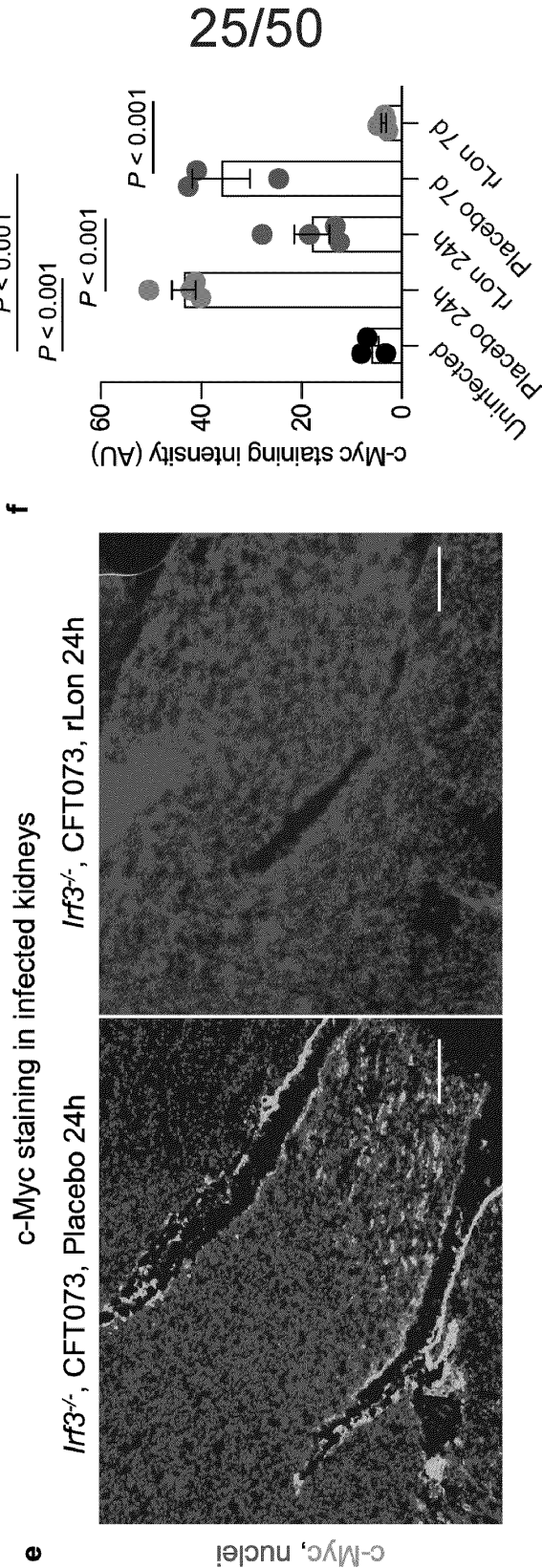


Figure 10 continued

g MYC-dependent innate immune response to infection network

h Inhibition of the MYC-dependent response by rLon network

i rLon inhibition of innate immune pathways

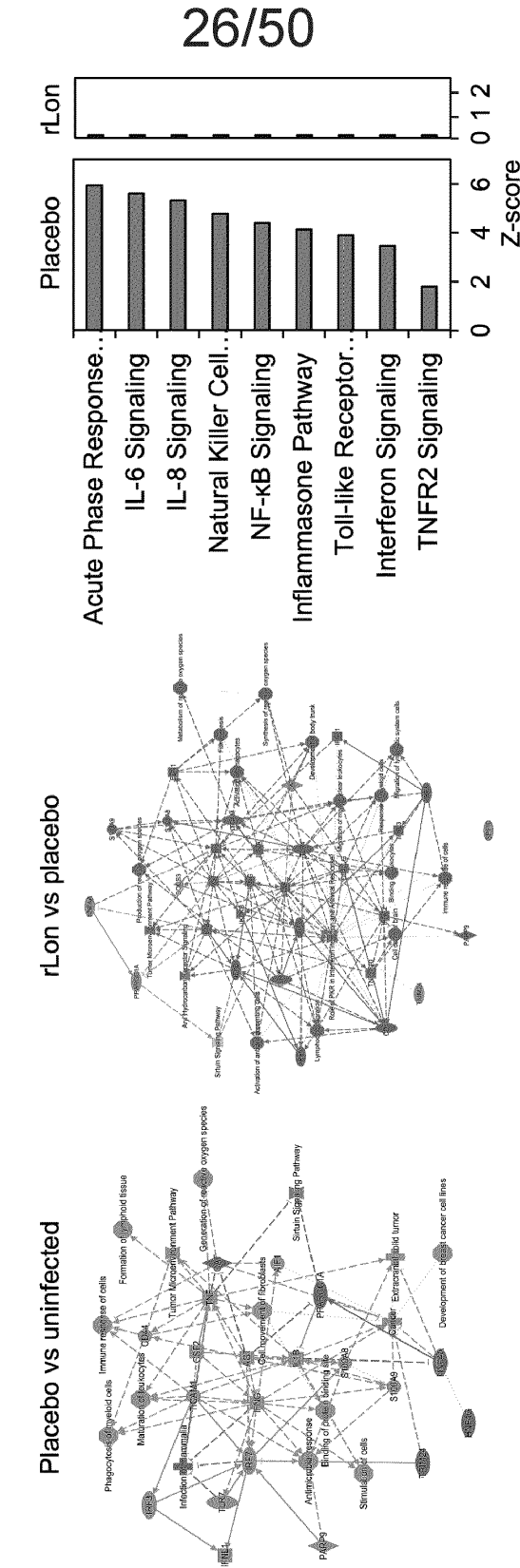
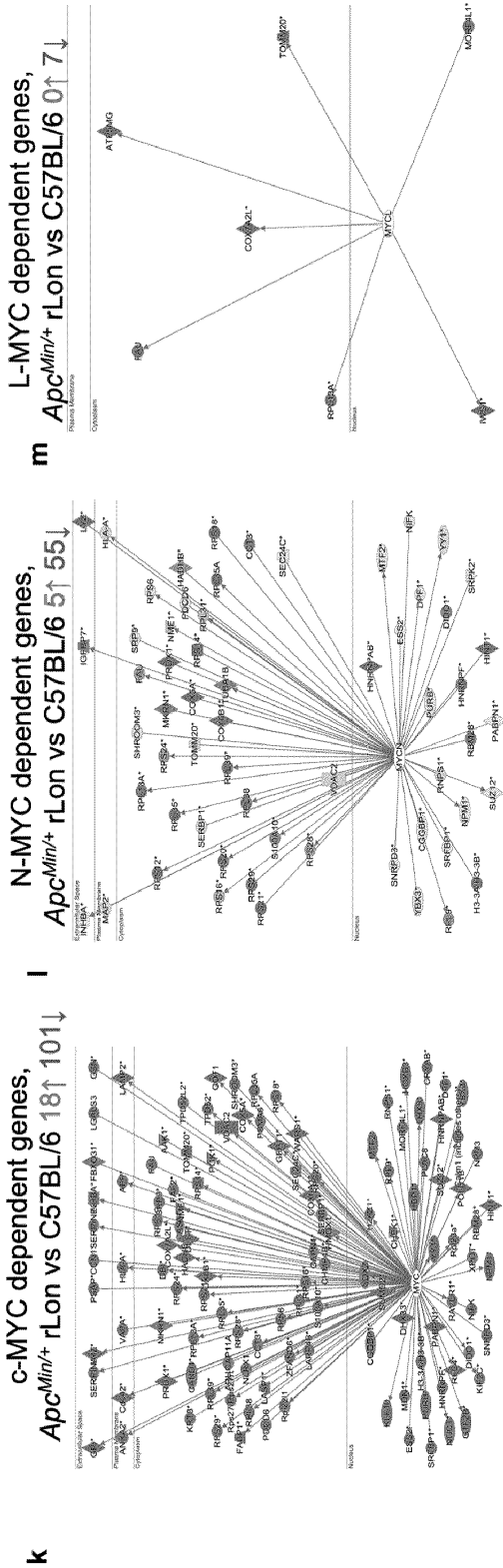


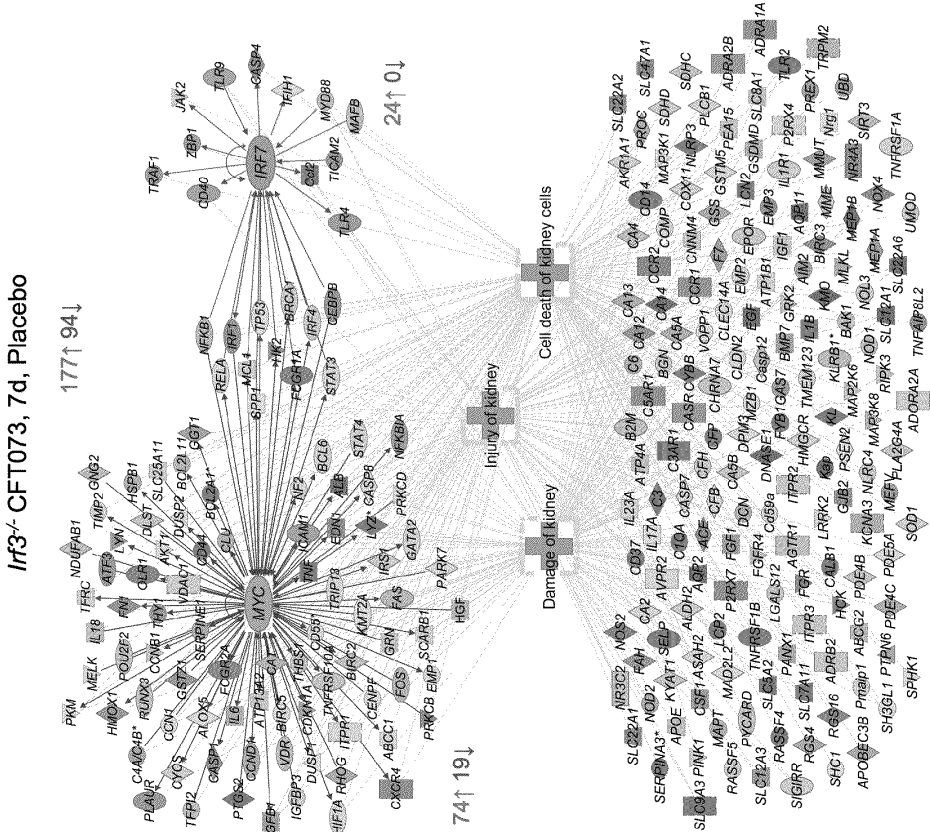
Figure 11 continued



29/50

Figure 12

a Renal toxicity genes regulated in infected kidneys



SUBSTITUTE SHEET (RULE 26)

b

Number of regulated renal toxicity genes in infected kidneys

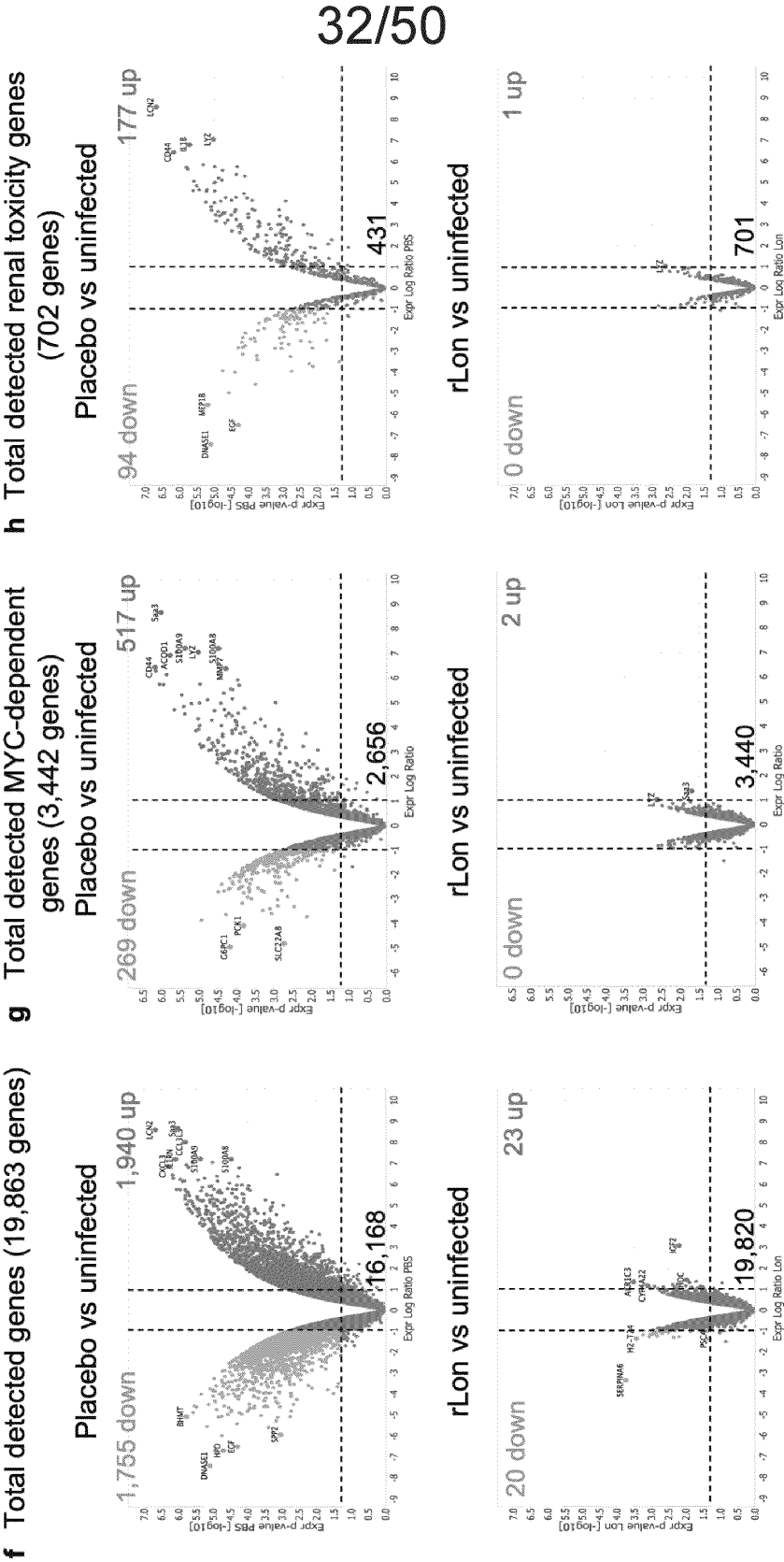
	Placebo		rLon	
	Total	Myc-related	Total	Myc-related
Up	177	74	1	1
Down	94	19	0	0
Total	271	93	1	1

c

Renal toxicity functions

Diseases	P value	Z score	Genes	rLon	P value
Kidney damage	5.8E-26	3.48	126		n.d.
Kidney injury	5.6E-18	2.91	93		n.d.
Kidney cell death	7.8E-15	2.03	171		n.d.

Figure 12 continued



33/50

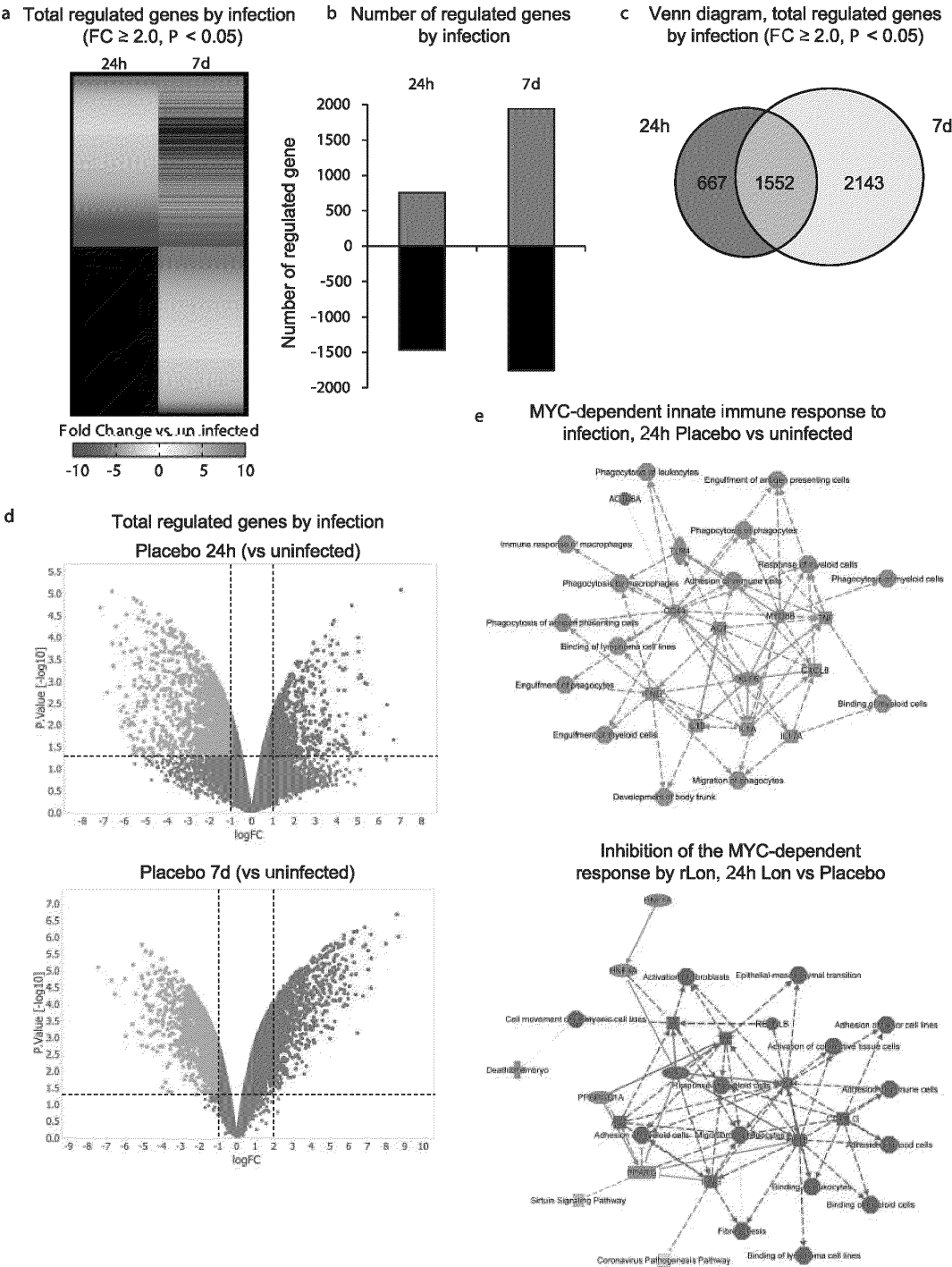


Figure 13

34/50

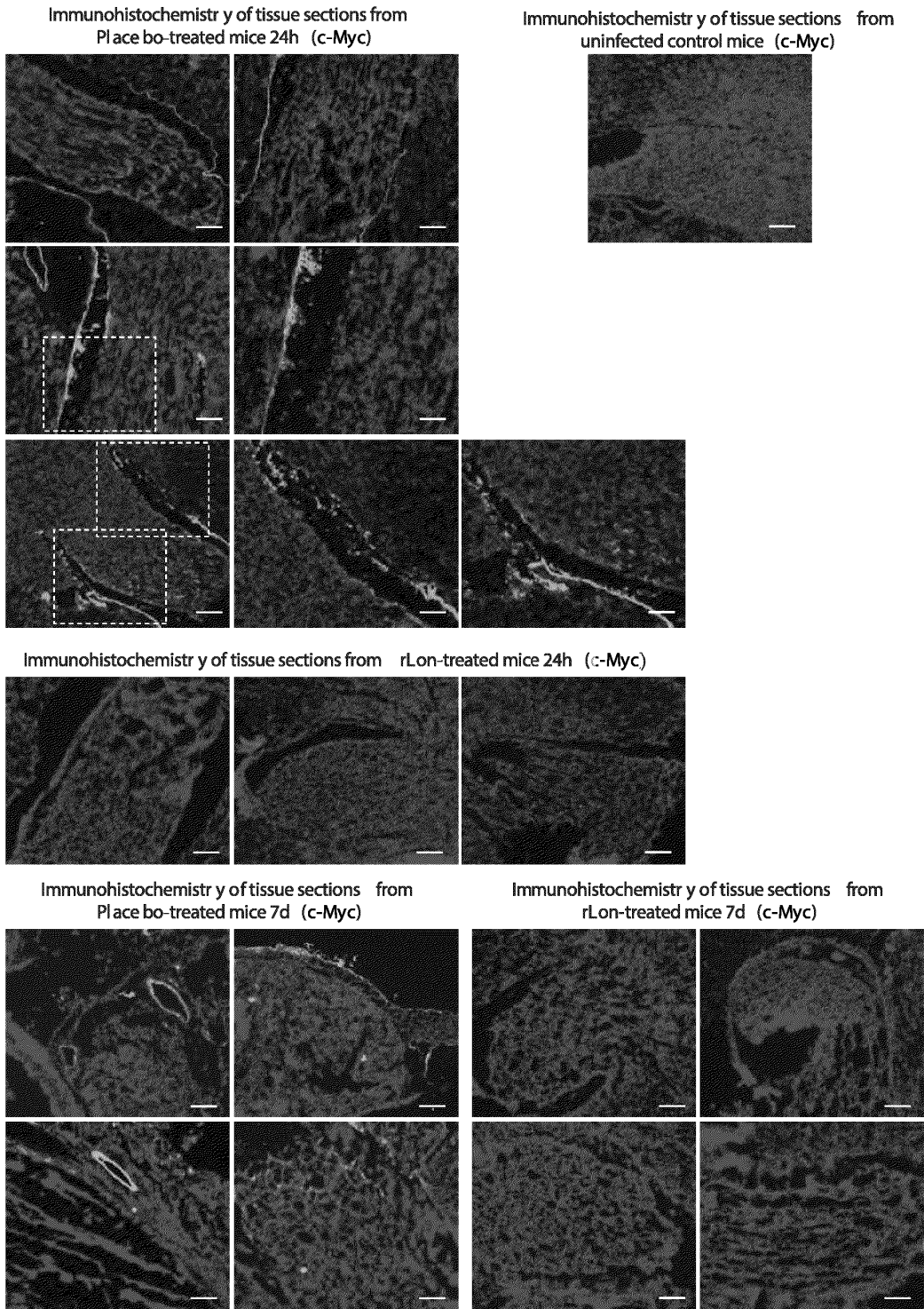


Figure 14

35/50

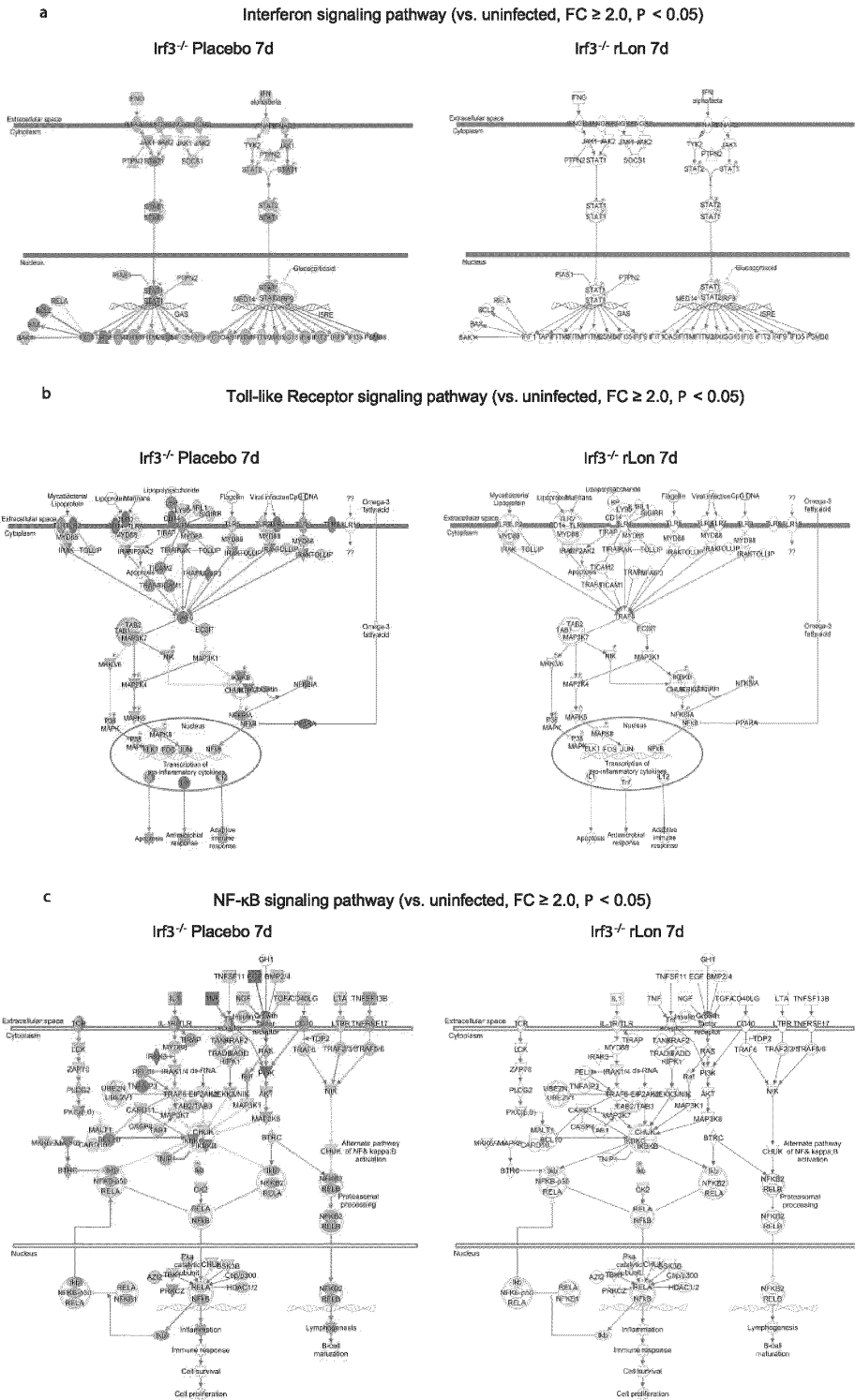


Figure 15

SUBSTITUTE SHEET (RULE 26)

36/50

d

Inflammasome pathway (vs. uninfected, FC ≥ 2.0 , P < 0.05)

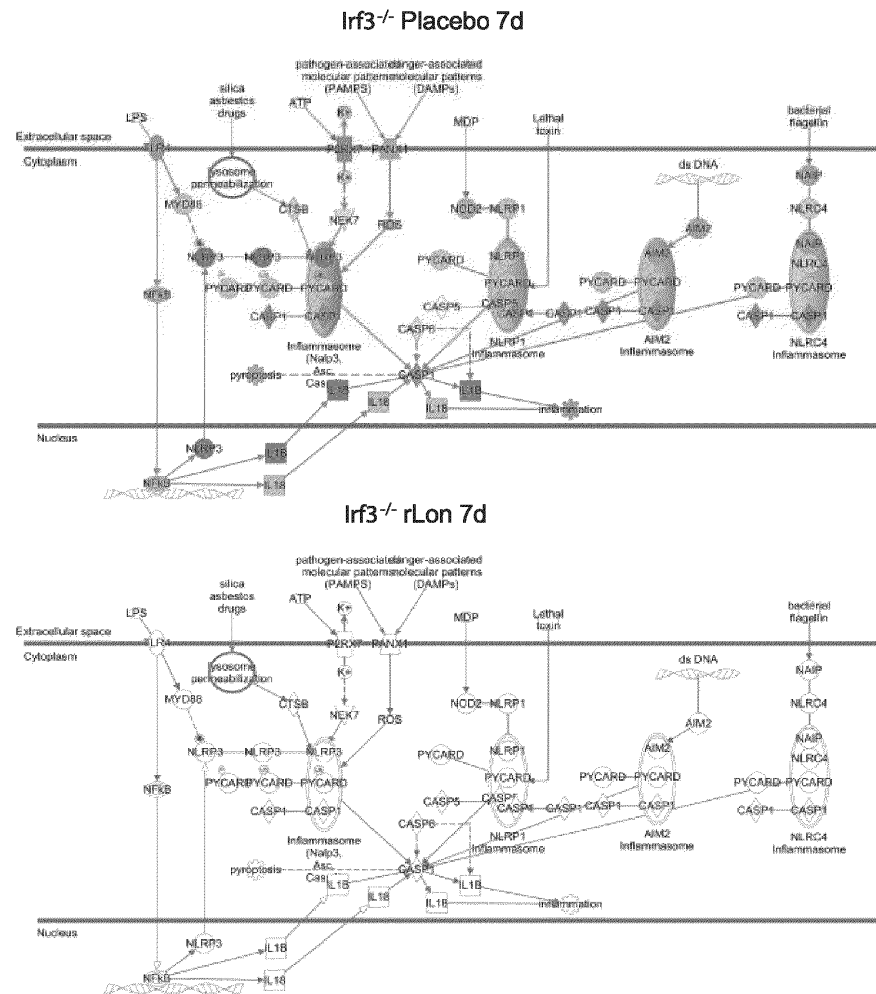


Figure 15 continued

37/50

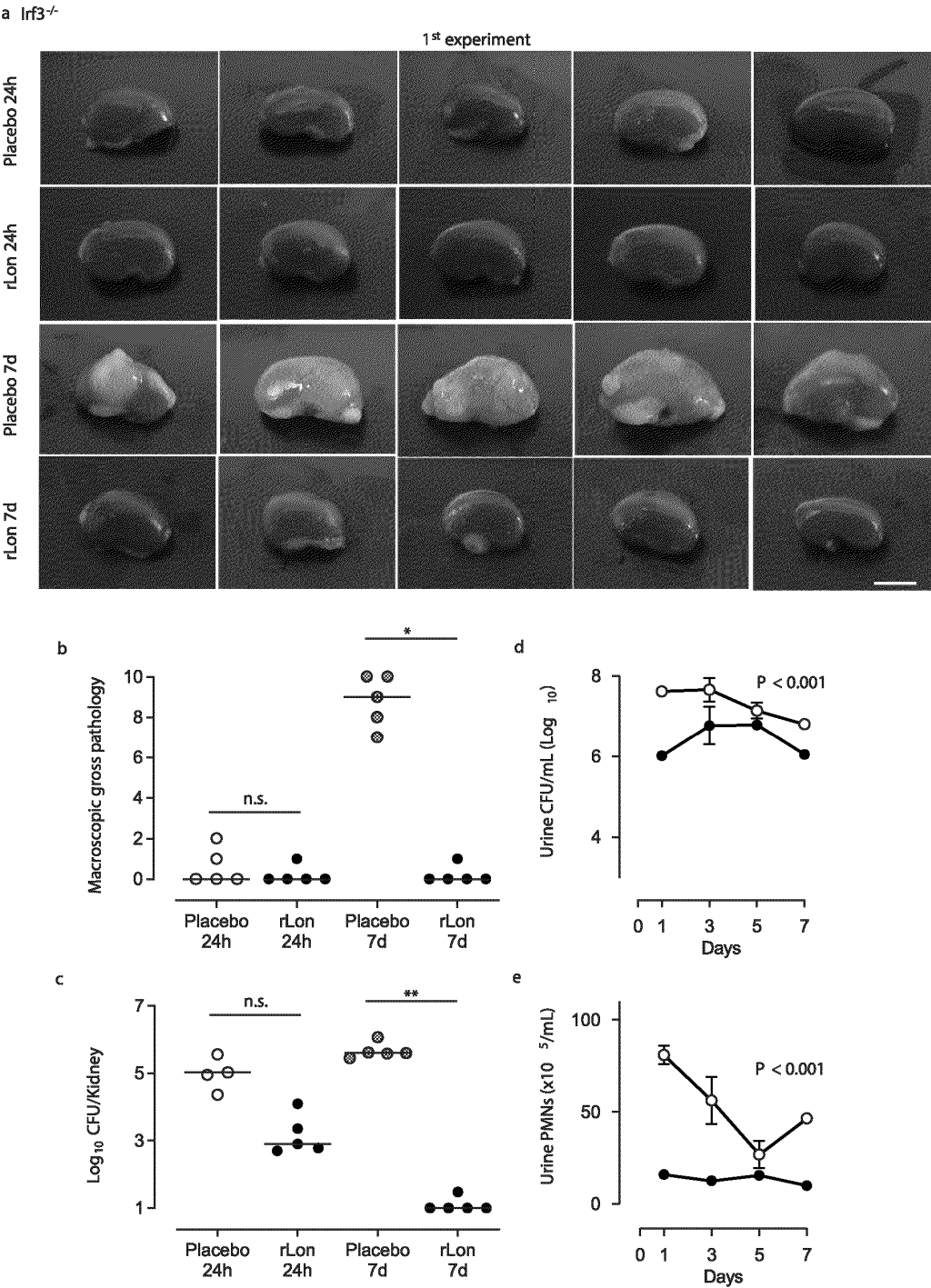


Figure 16

38/50

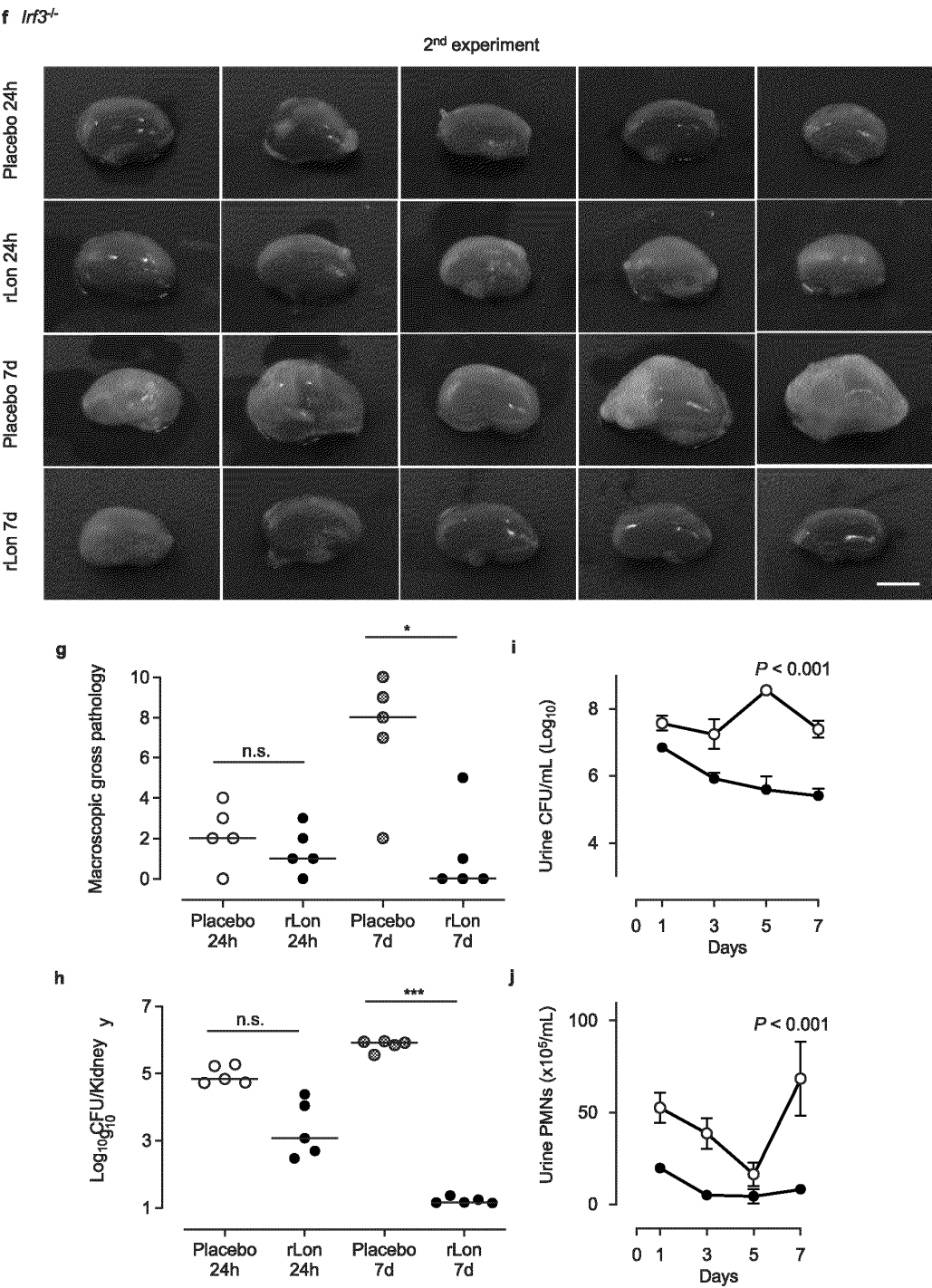


Figure 16 continued

39/50

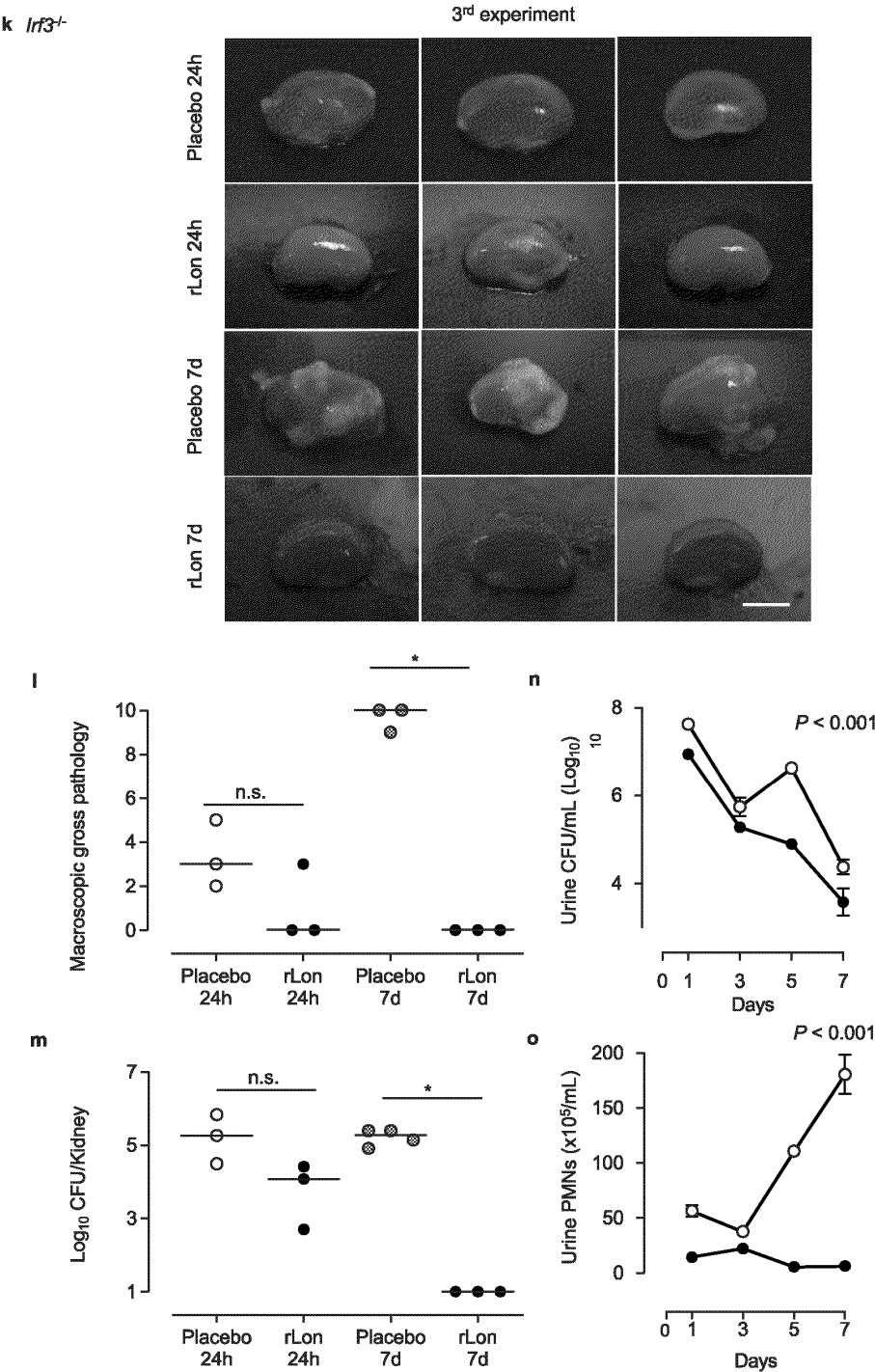


Figure 16 continued

40/50

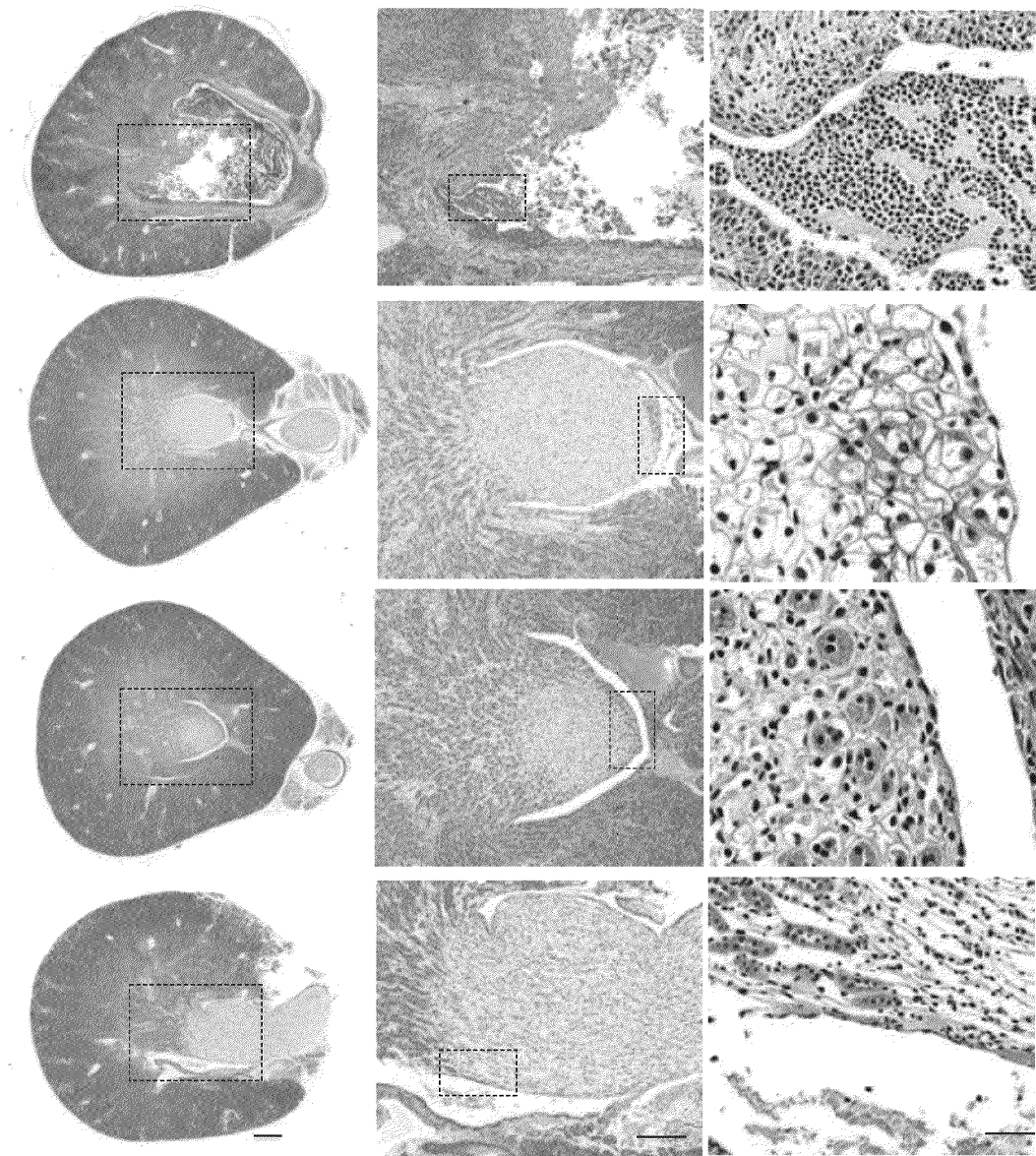
H&E staining, *Irf3*^{-/-} mice, 24h infected kidney sections

Figure 17

SUBSTITUTE SHEET (RULE 26)

41/50

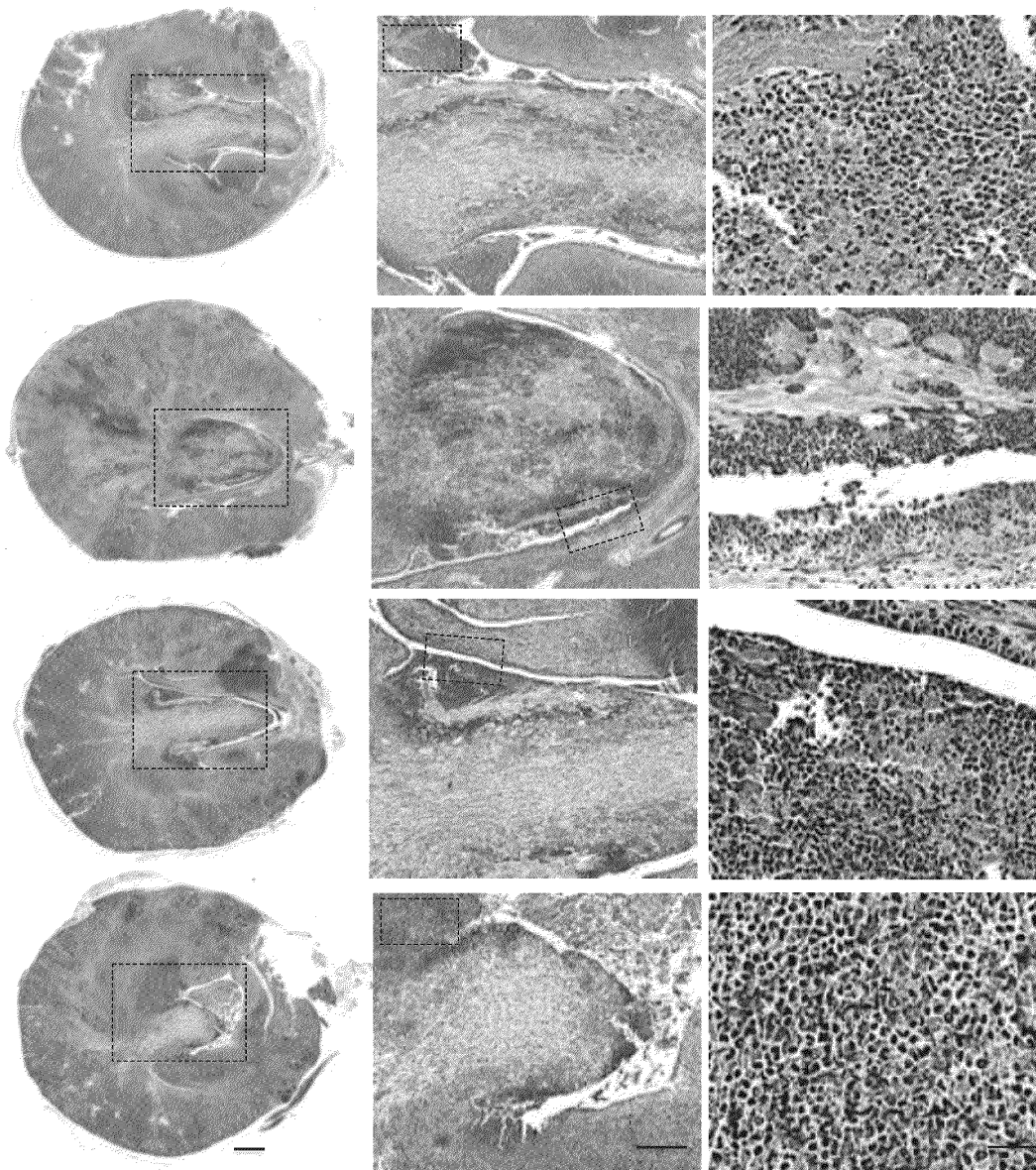
H&E staining, *lrf3*^{-/-} mice, 7d infected kidney sections

Figure 17 continued

SUBSTITUTE SHEET (RULE 26)

42/50

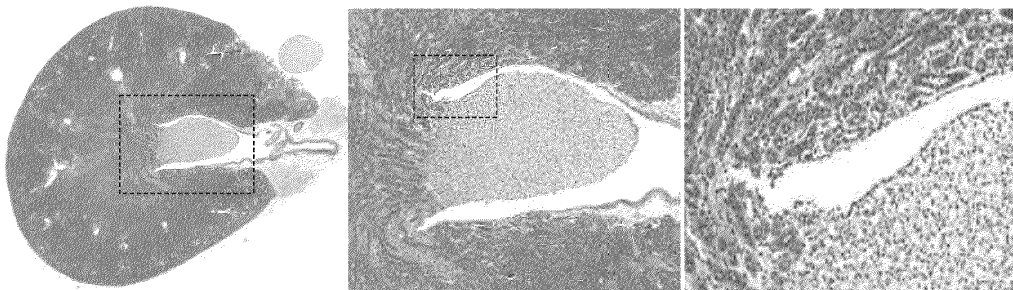
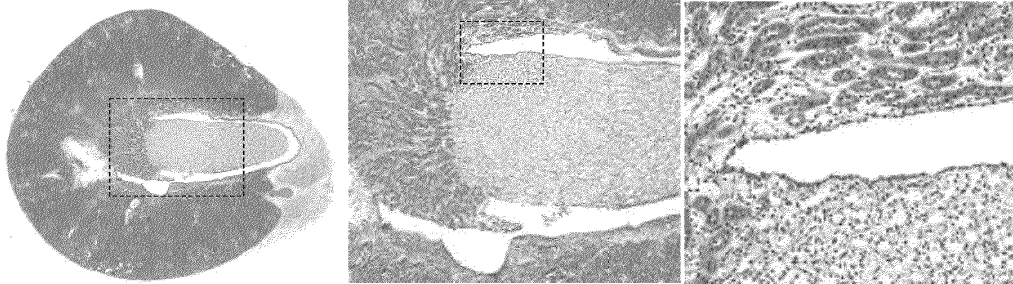
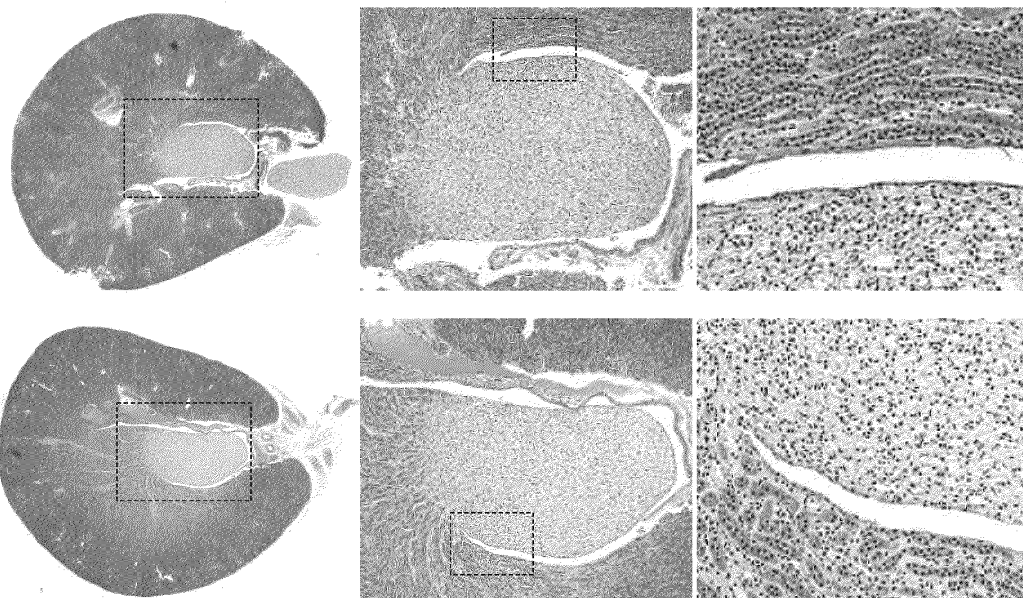
H&E staining, *lrf3*^{-/-} mice, rLon, 24h infected kidney sectionsH&E staining, *lrf3*^{-/-} mice, rLon, 7d infected kidney sections

Figure 17 continued

SUBSTITUTE SHEET (RULE 26)

43/50

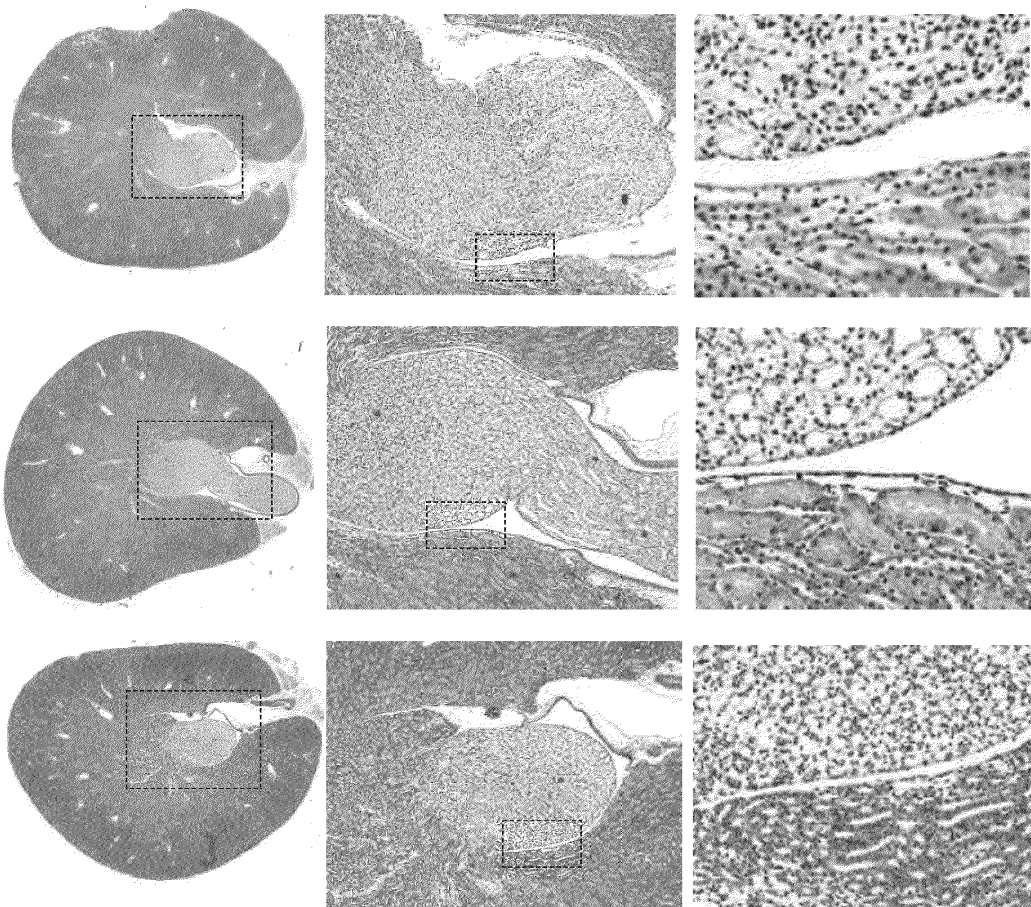
H&E staining, *Irf3*^{-/-} mice, uninfected kidney sections

Figure 17 continued

44/50

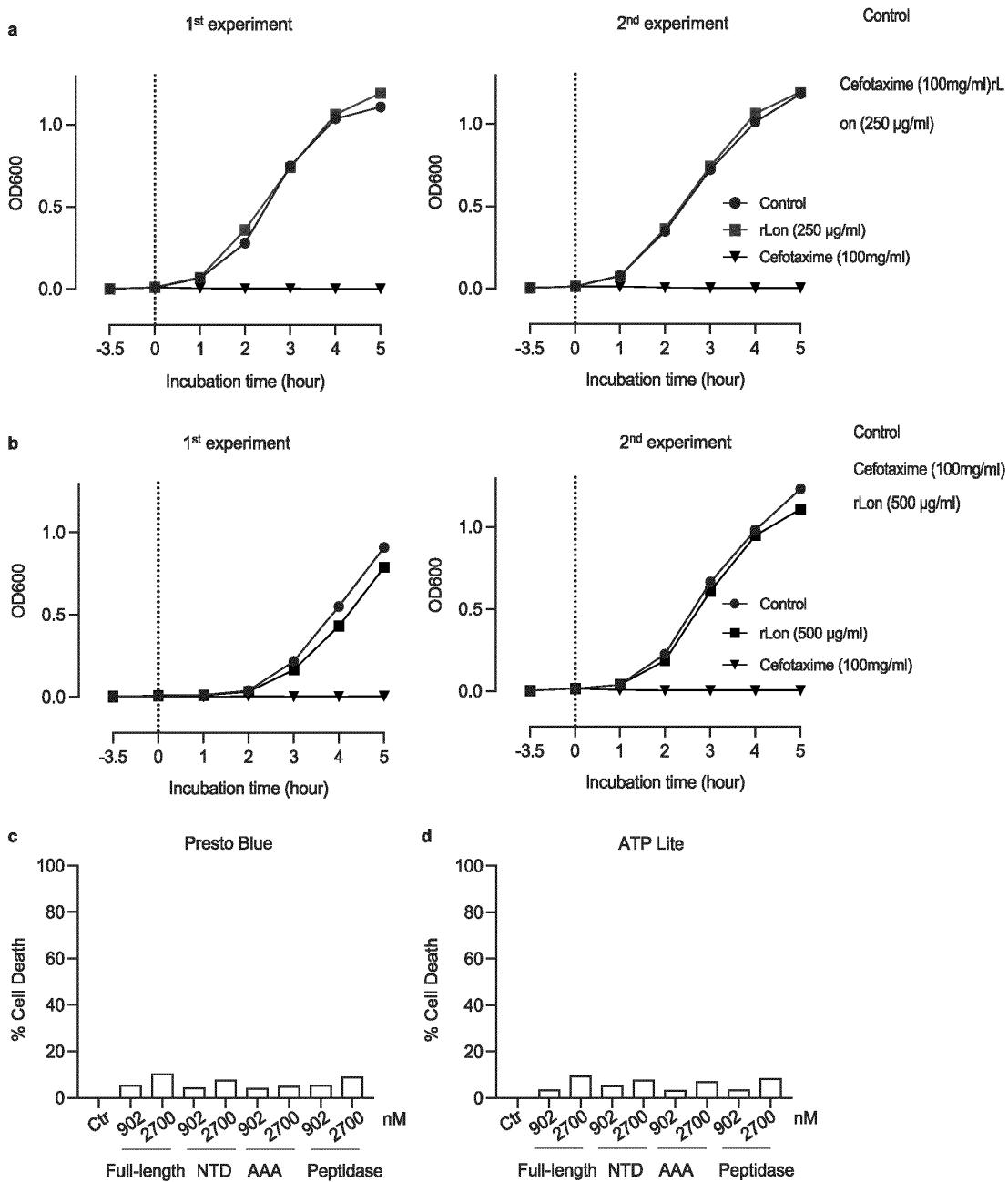


Figure 18

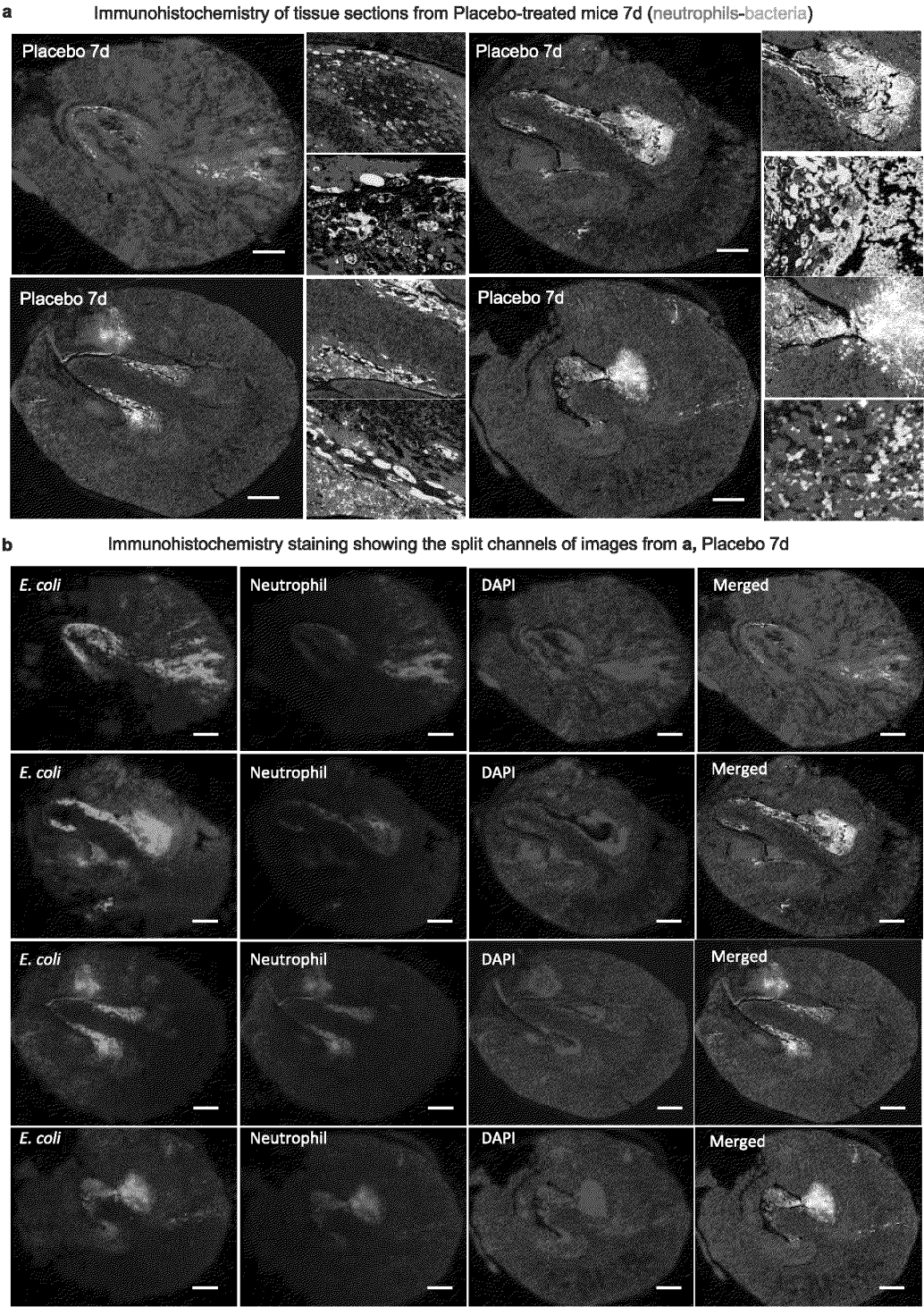


Figure 19

46/50

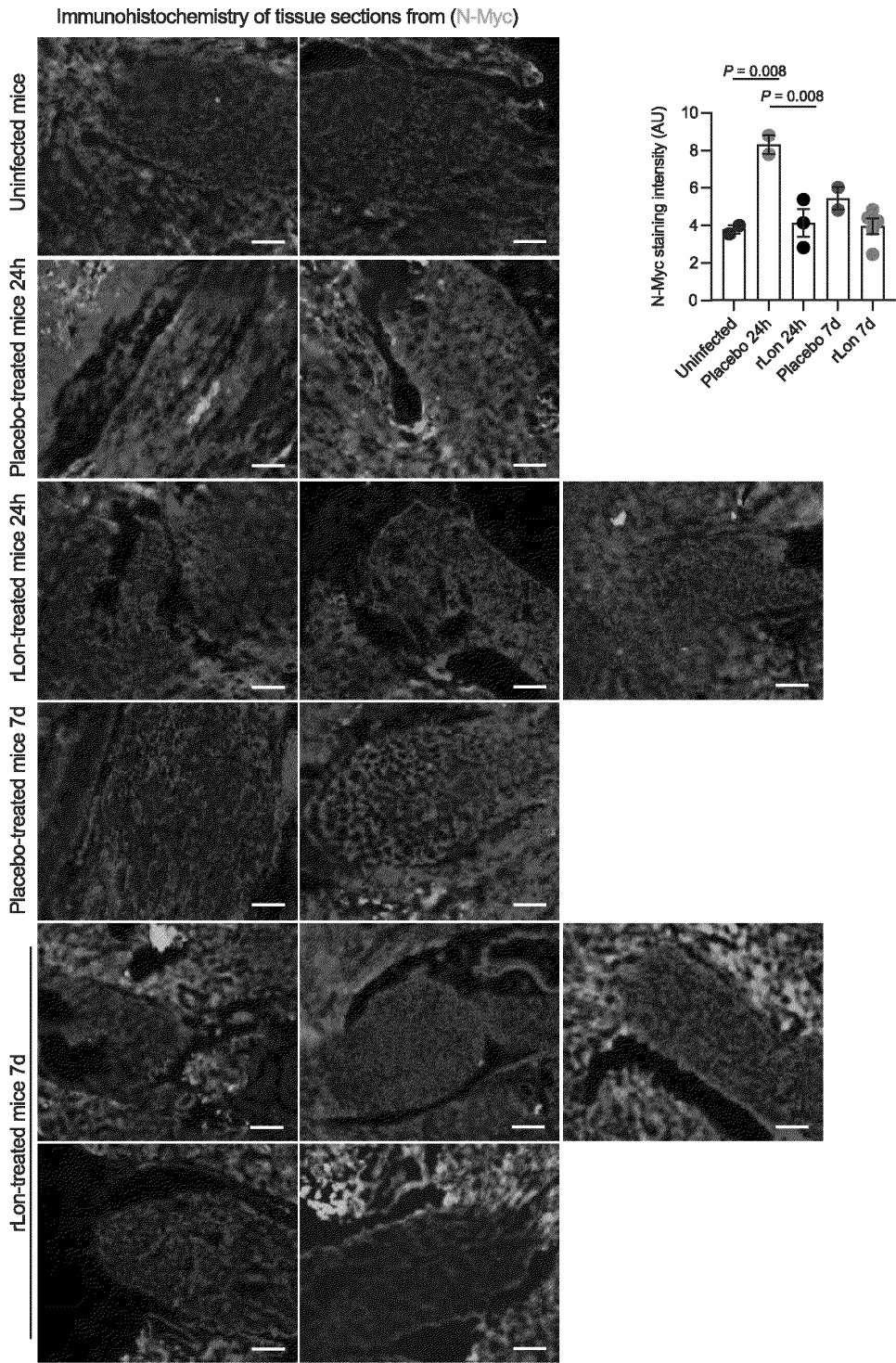


Figure 20

47/50

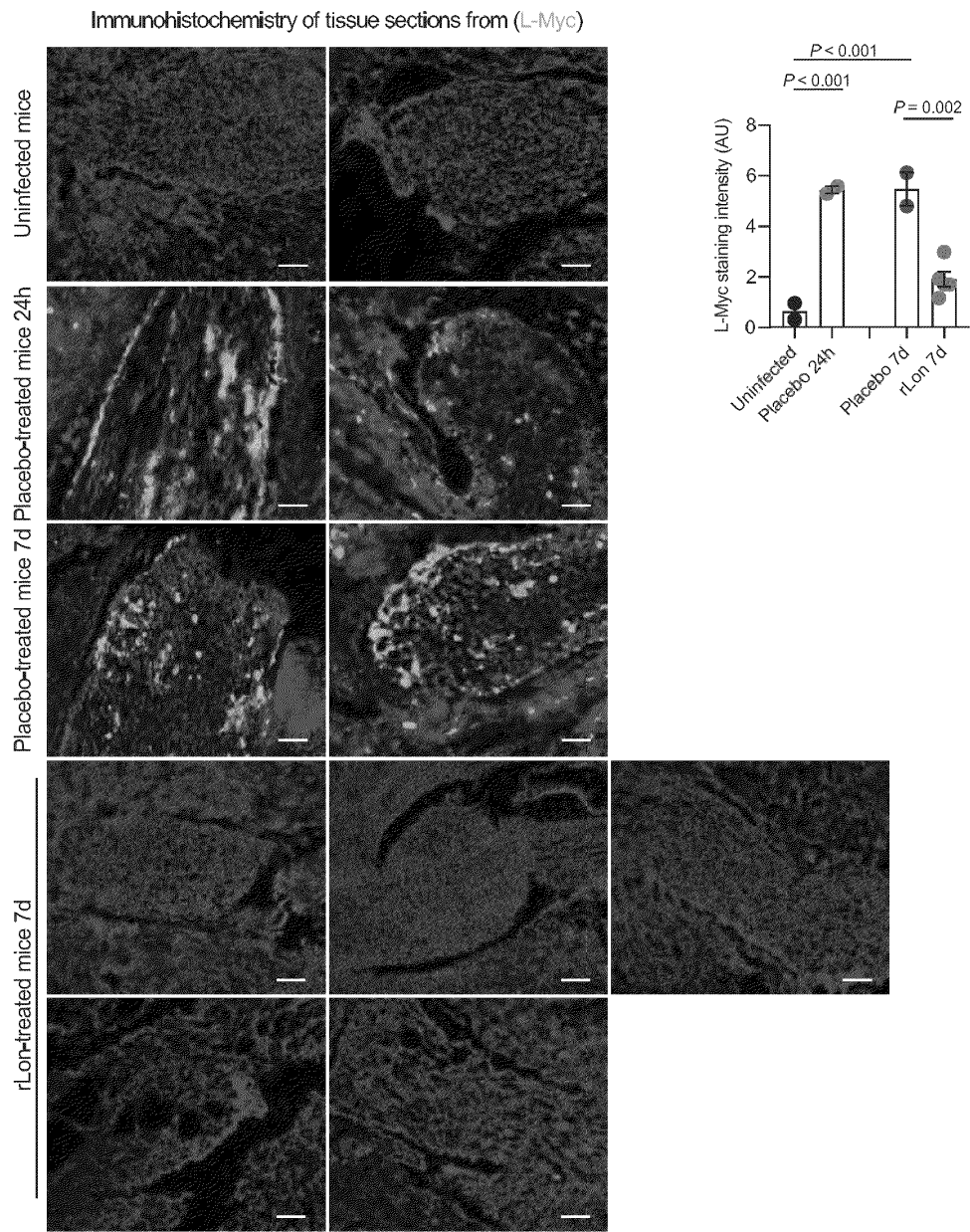


Figure 21

48/50

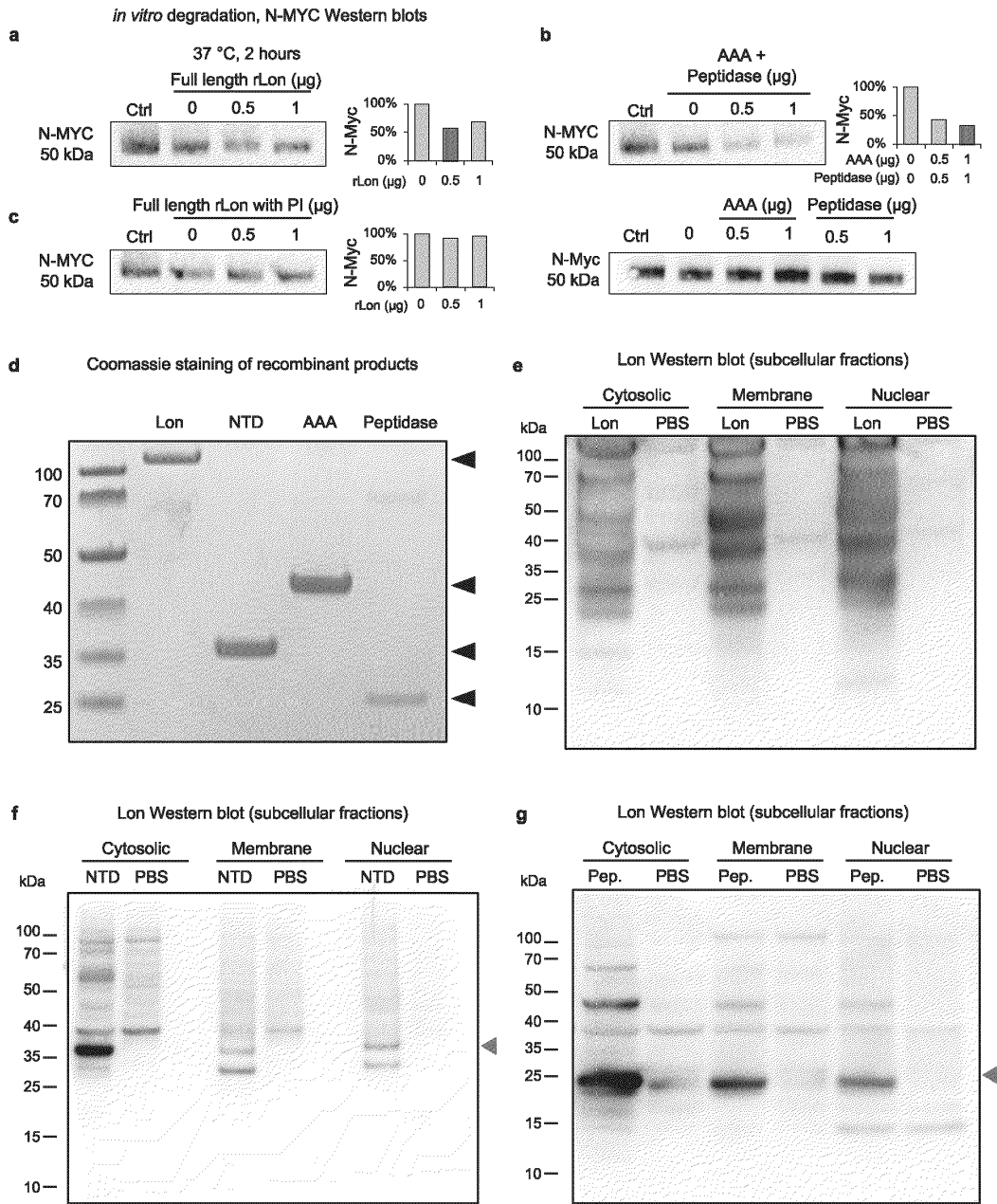


Figure 22

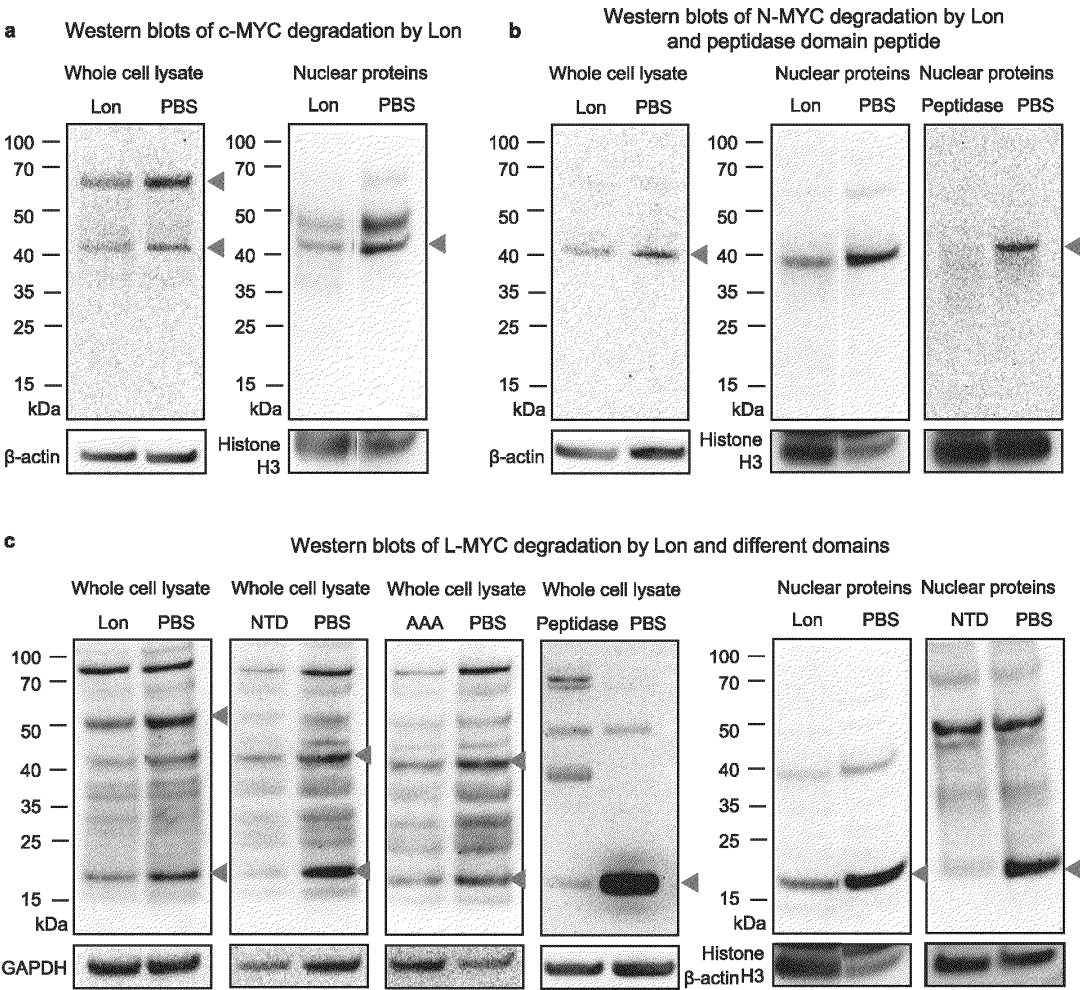


Figure 23

50/50

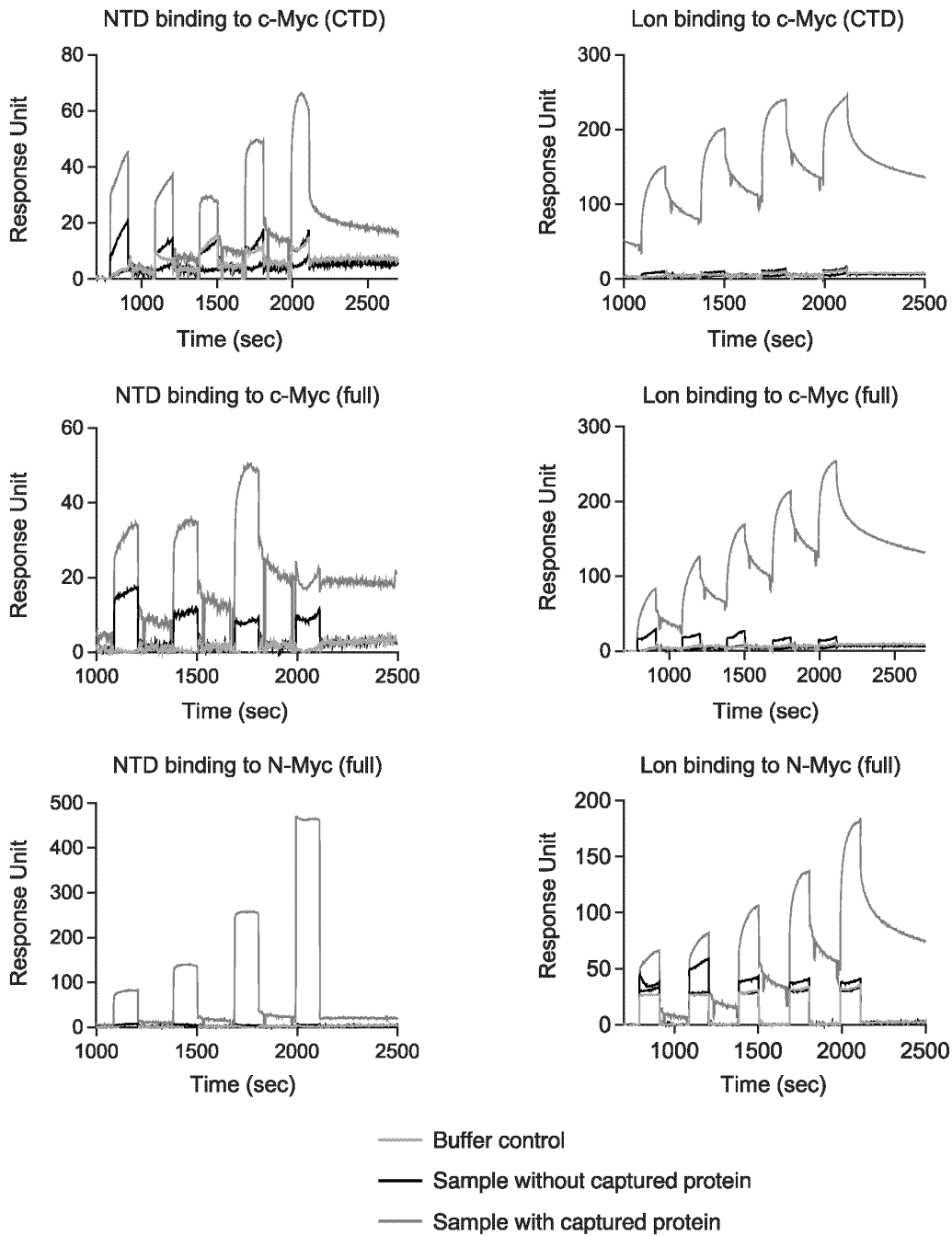


Figure 24