

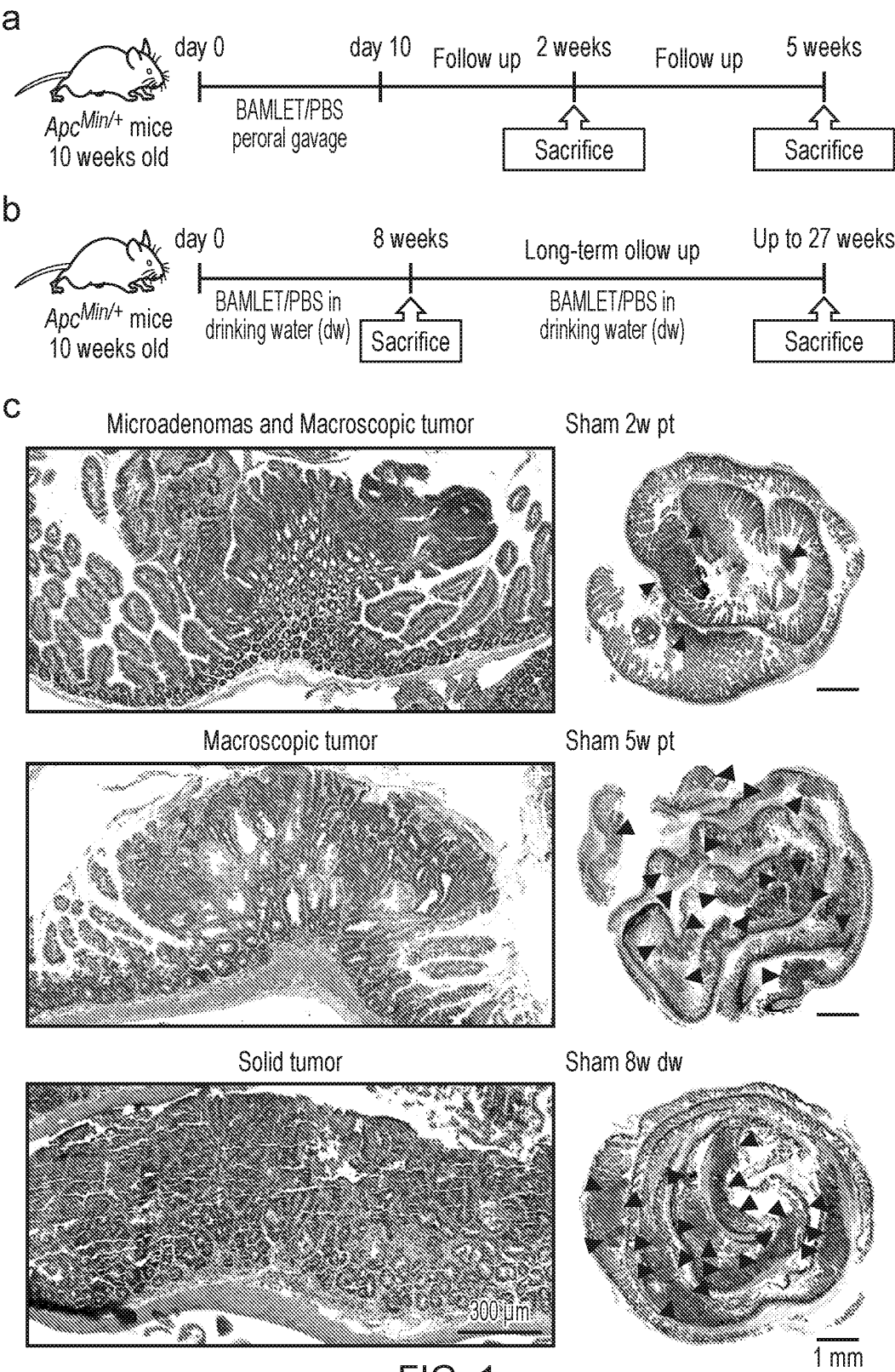


FIG. 1

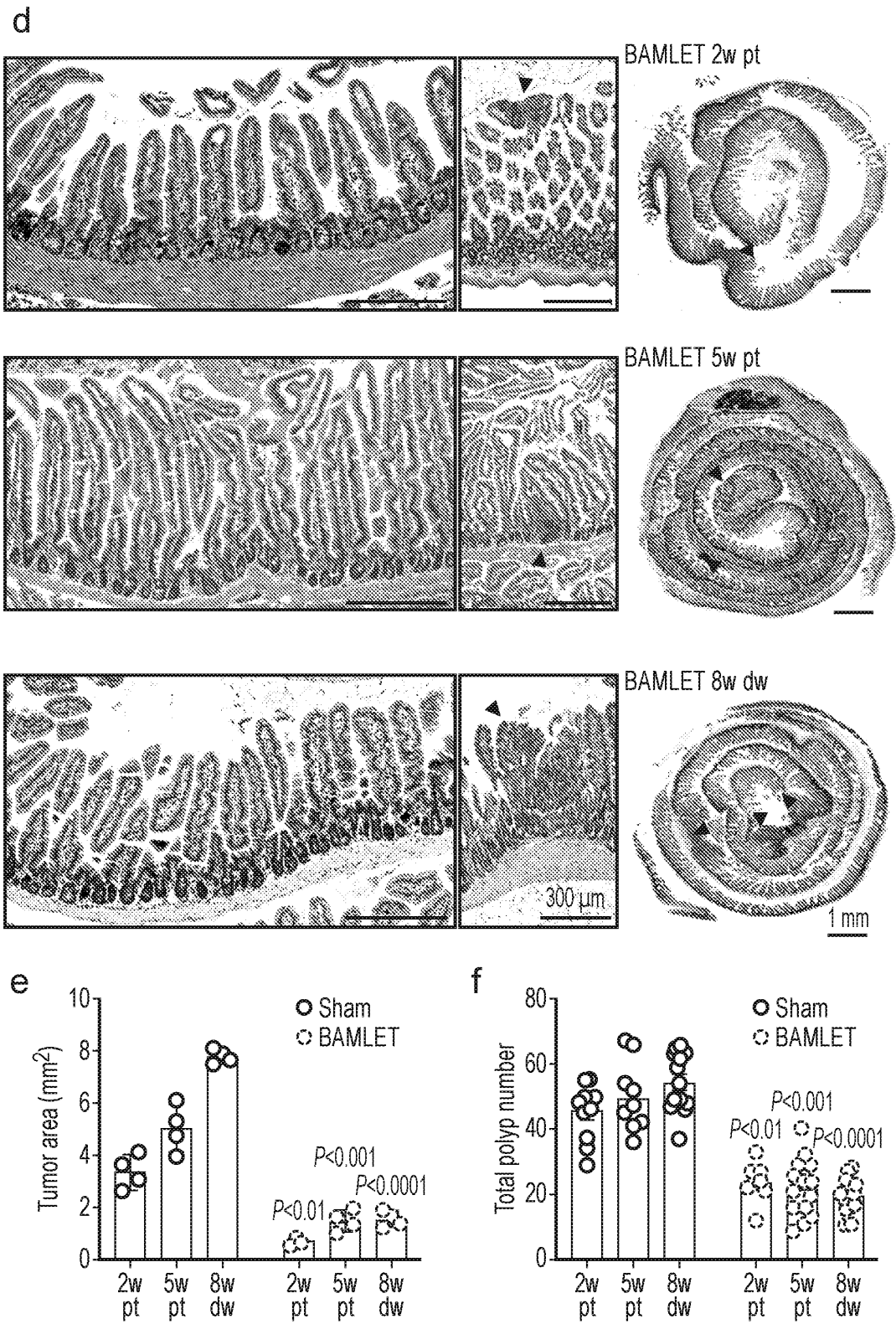


FIG. 1 (Continued)

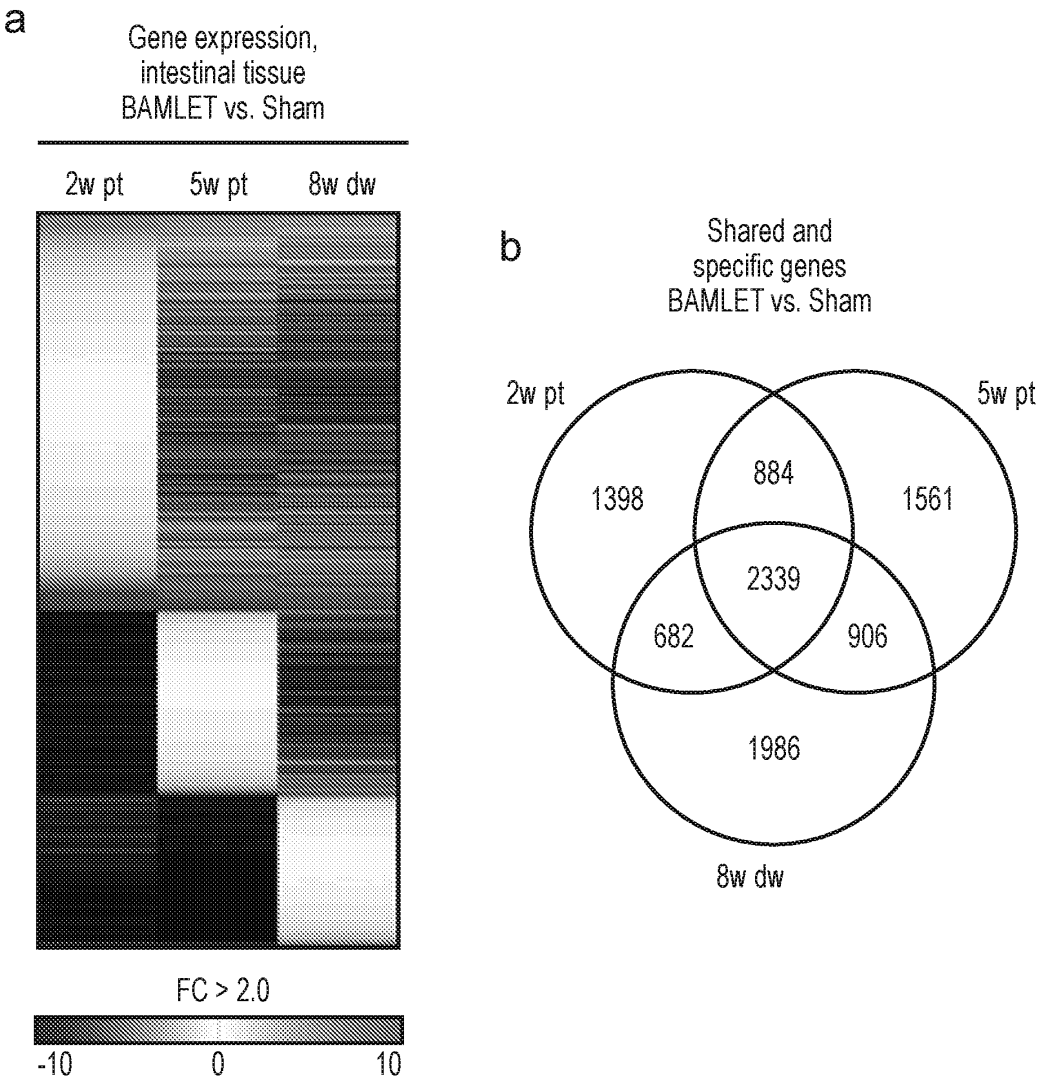
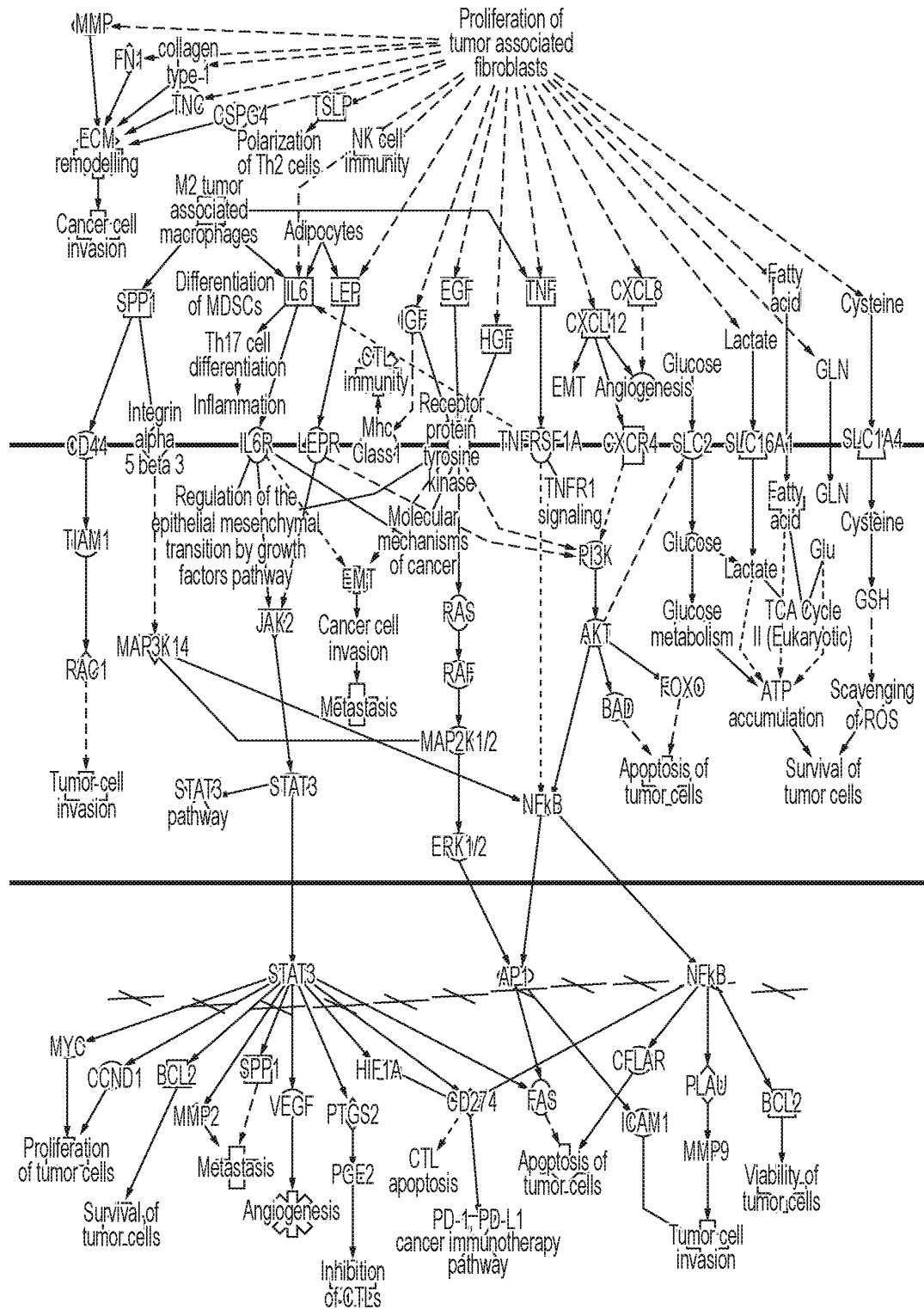


FIG. 2

d

Tumor microenvironment pathway (Z-score -3.6)



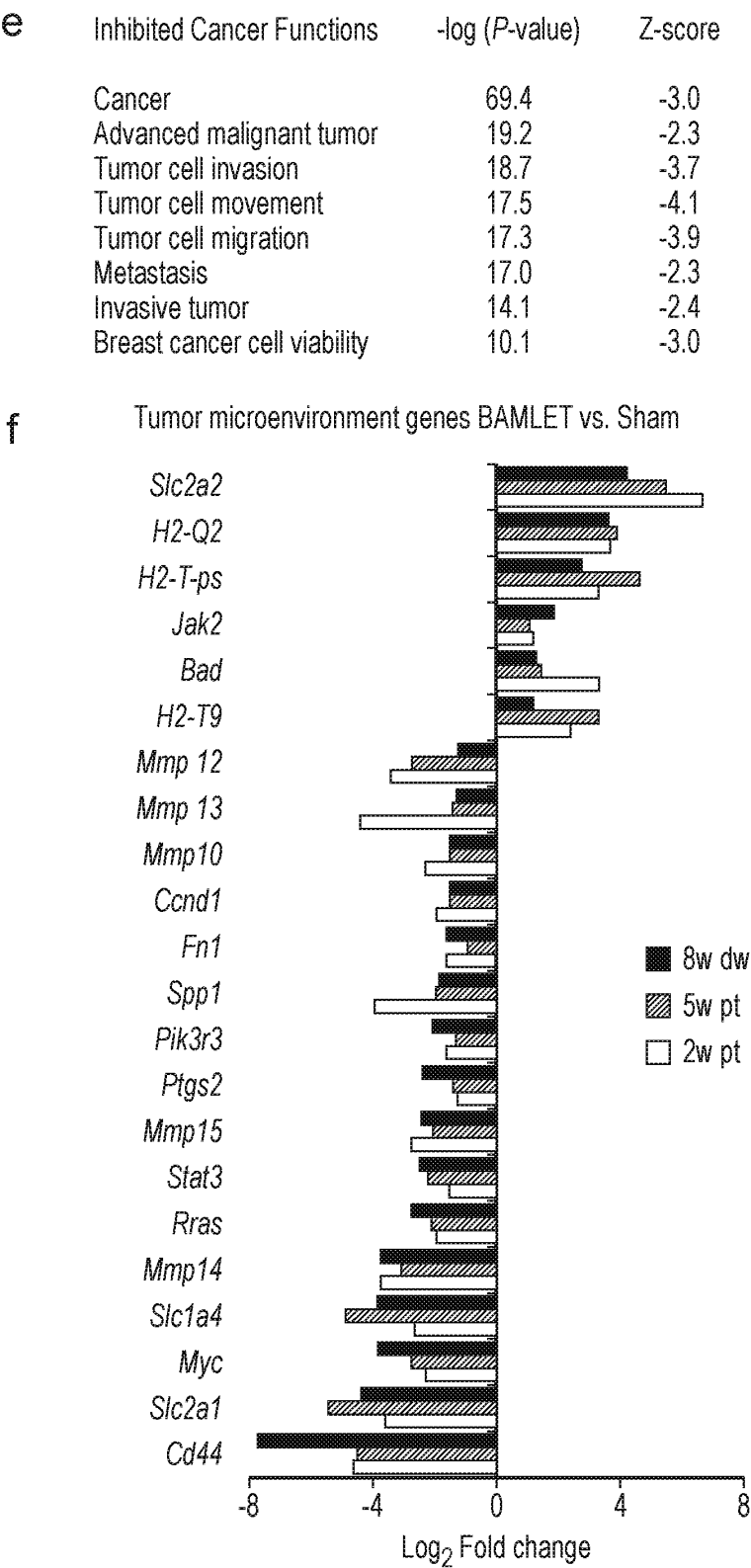


FIG. 2 (Continued)
SUBSTITUTE SHEET (RULE 26)

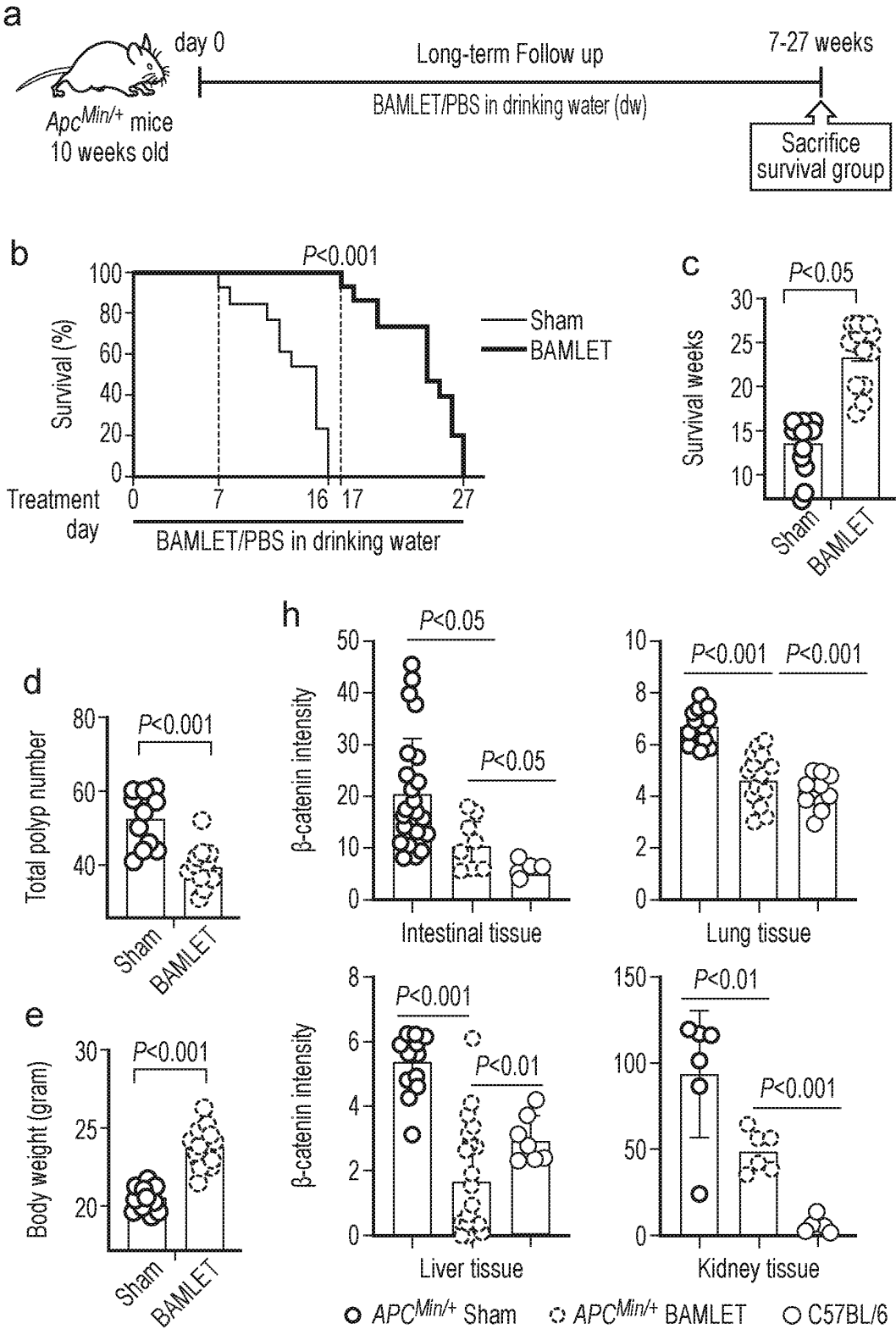


FIG. 3

f Wnt/ β -catenin signalling Sham 15w dw vs. healthy C57BL/6

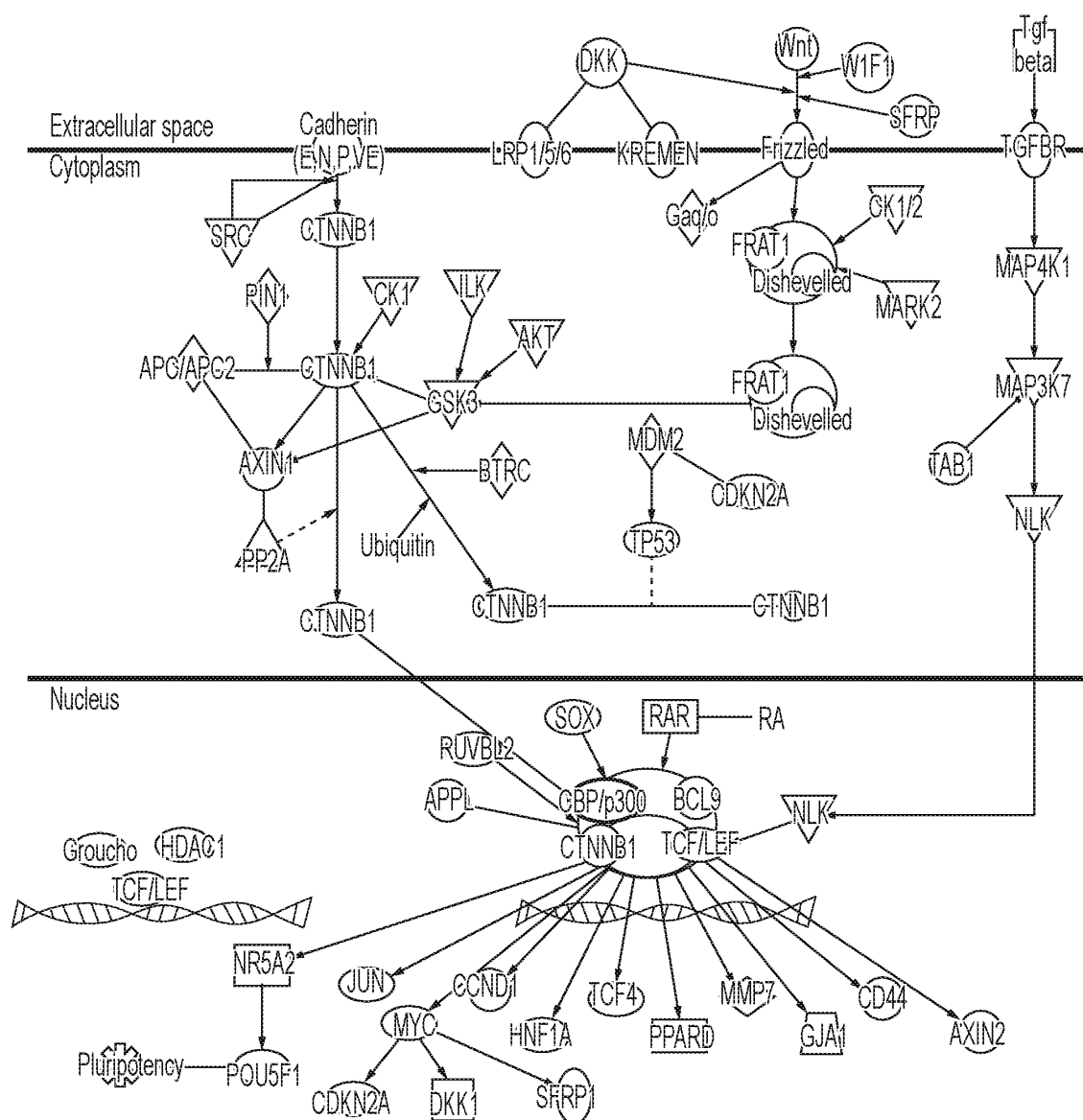


FIG. 3 (Continued)

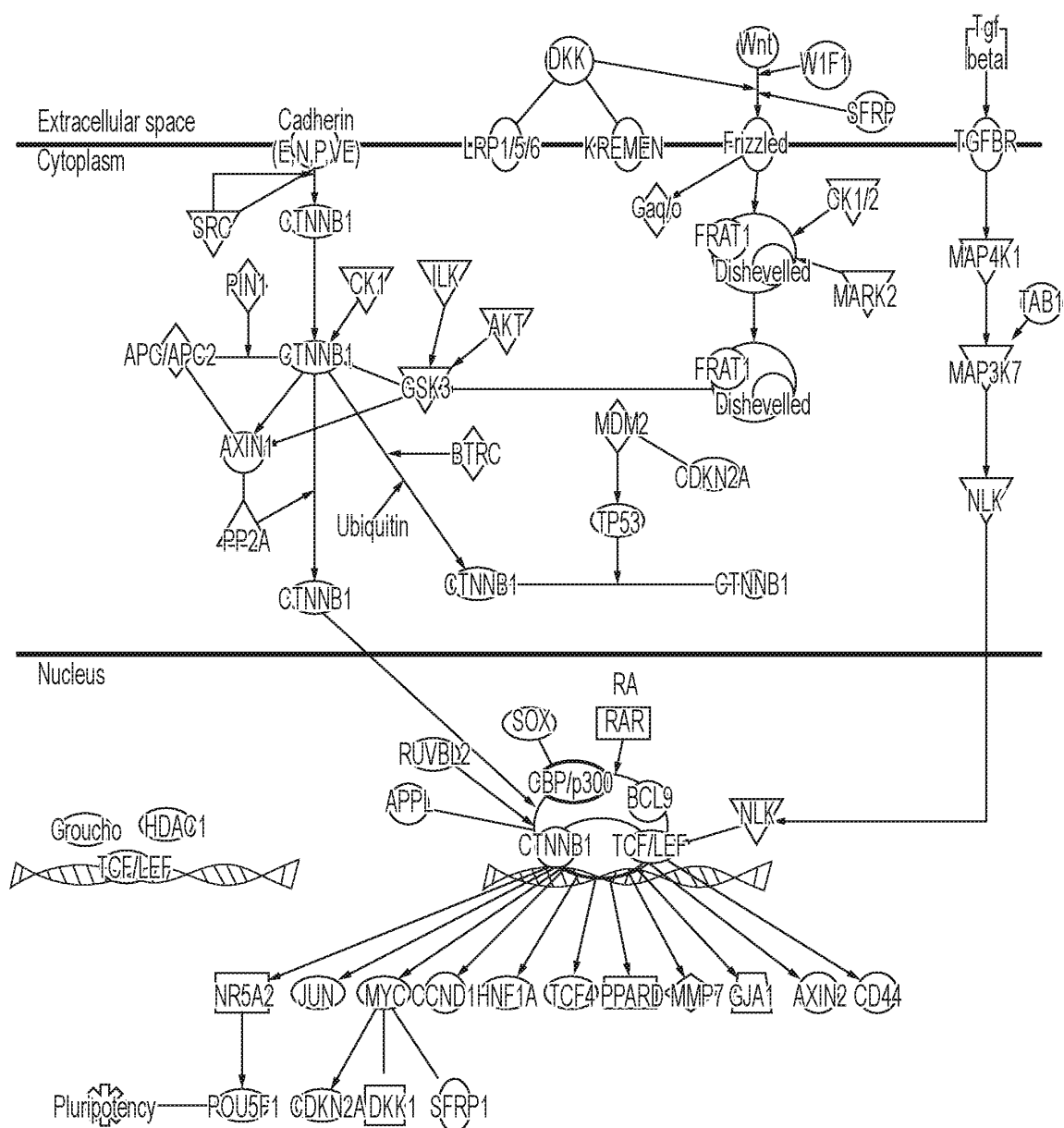
Wnt/ β -catenin signalling BAMLET 27w dw vs. Sham 15w dw

FIG. 3 (Continued)

β -catenin staining, intestine

g

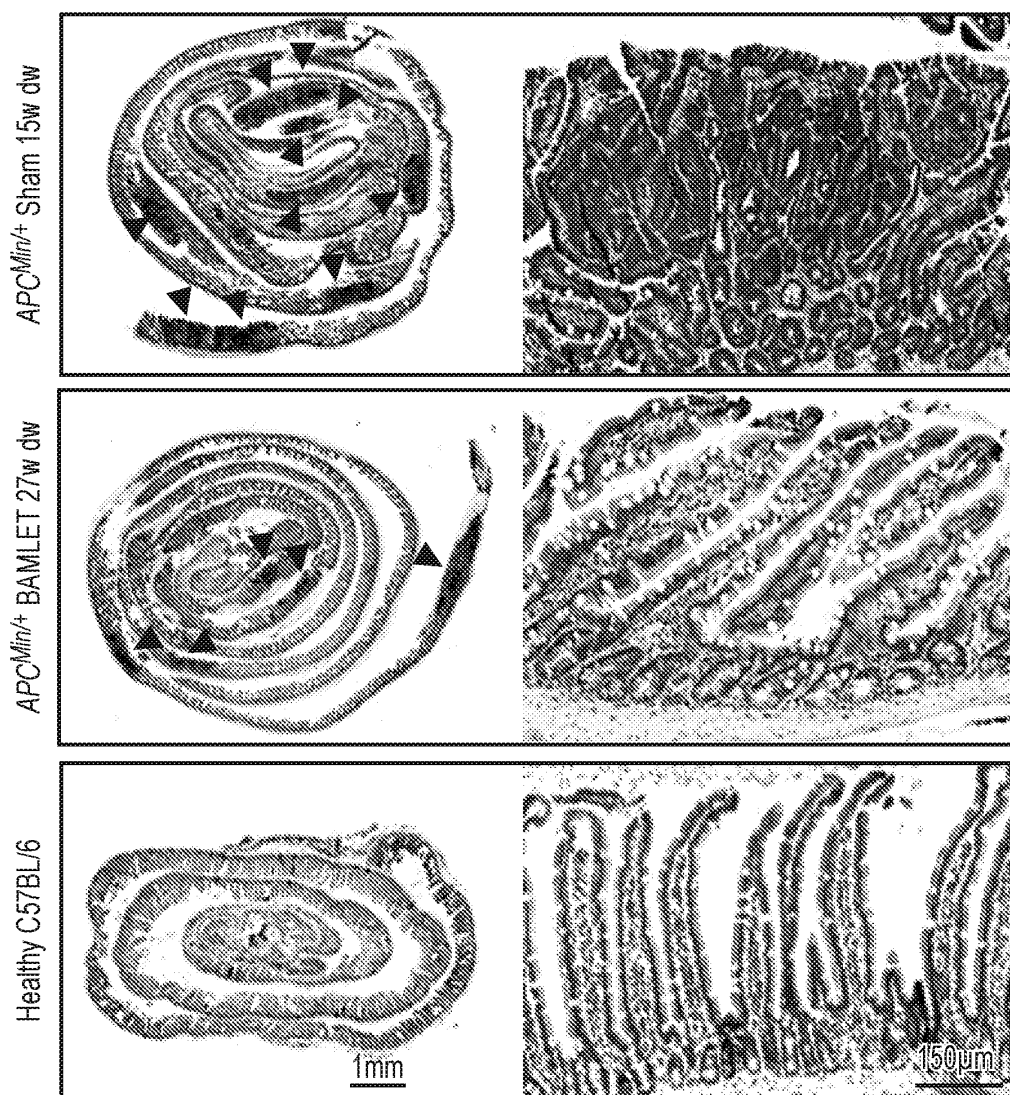


FIG. 3 (Continued)

a

PD-1 immunotherapy Sham 15w vs. healthy C57BL/6

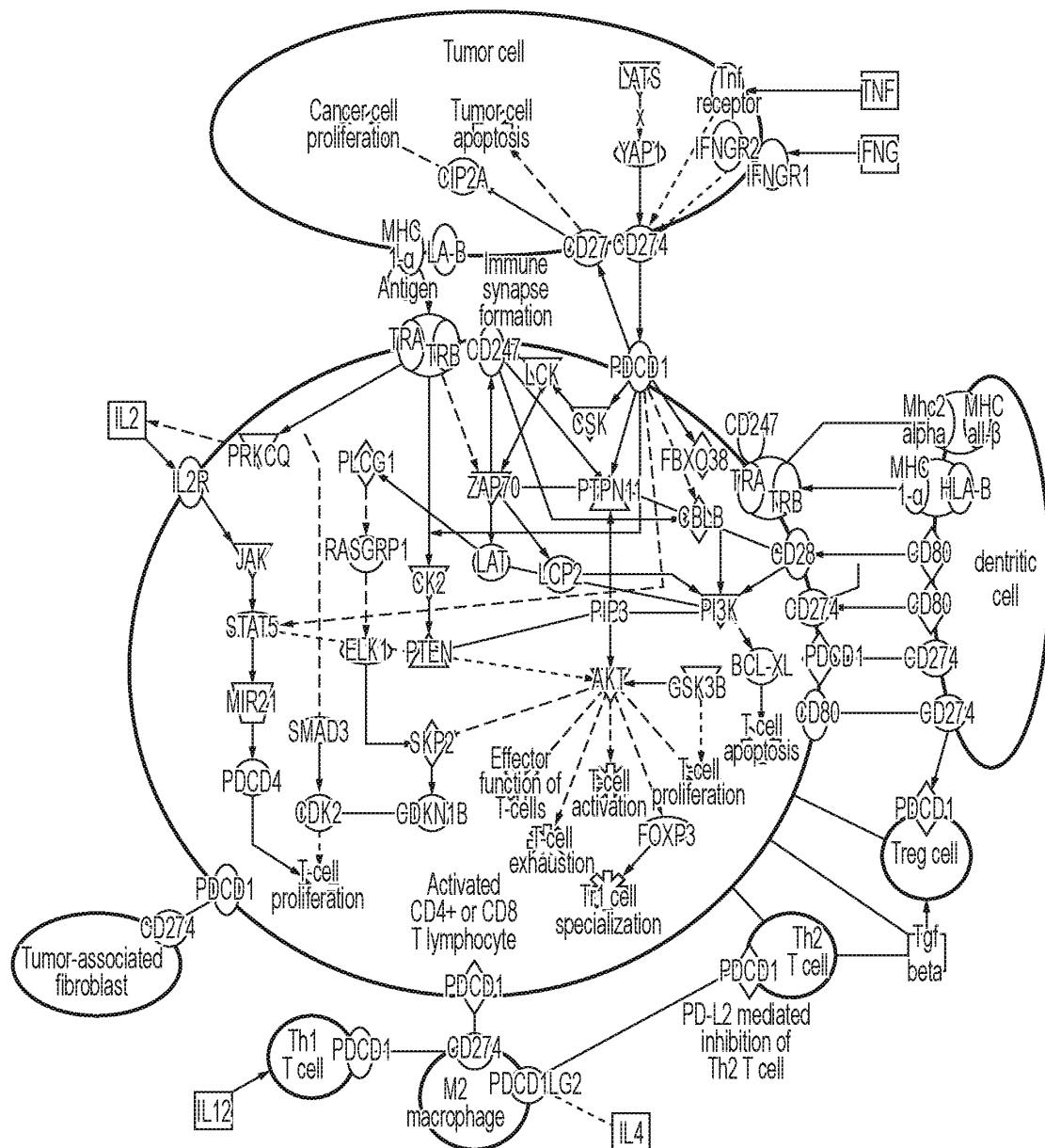


FIG. 4

PD-1 immunotherapy BAMLET 27w dw vs. healthy C57BL/6

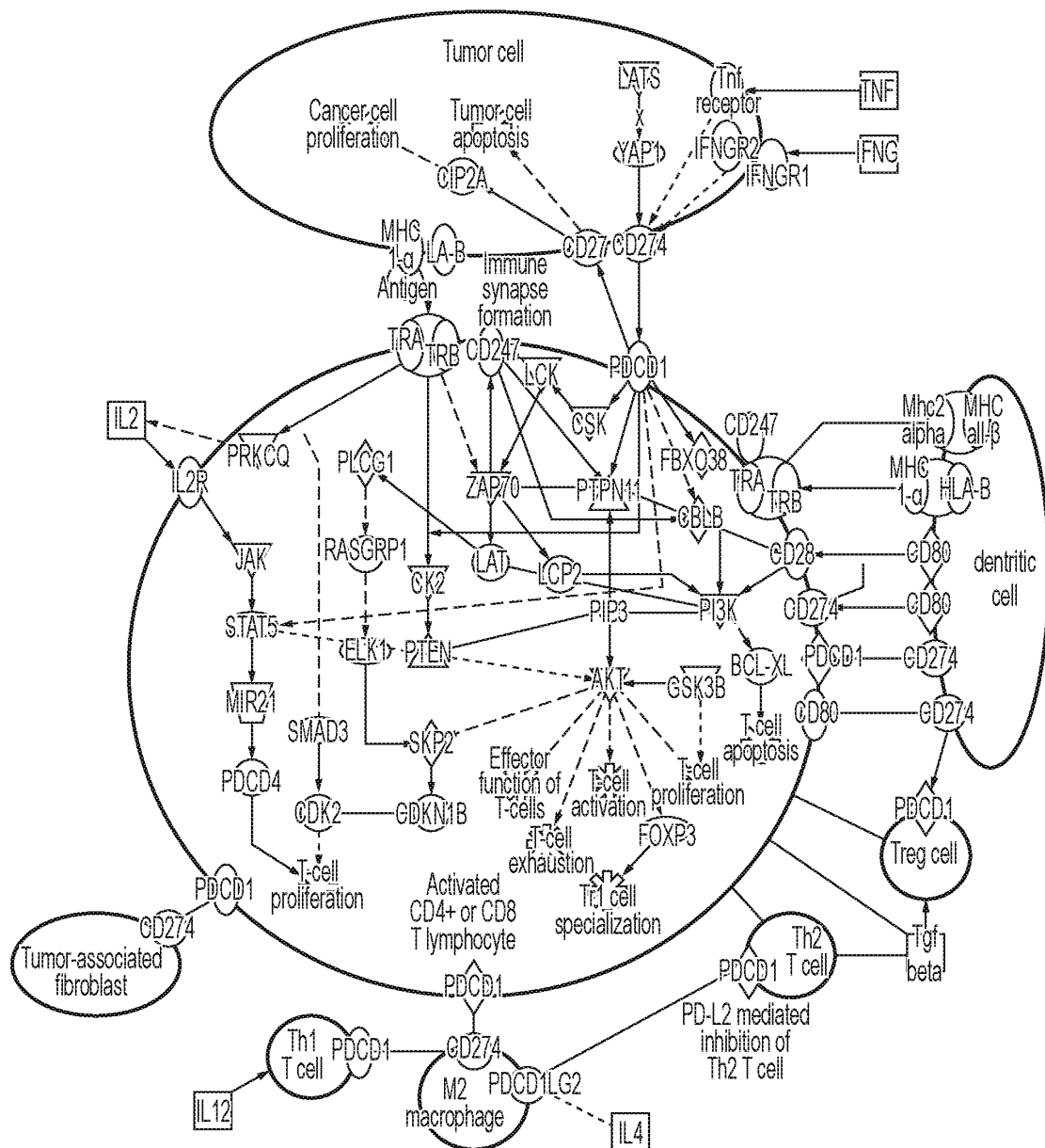


FIG. 4 (Continued)

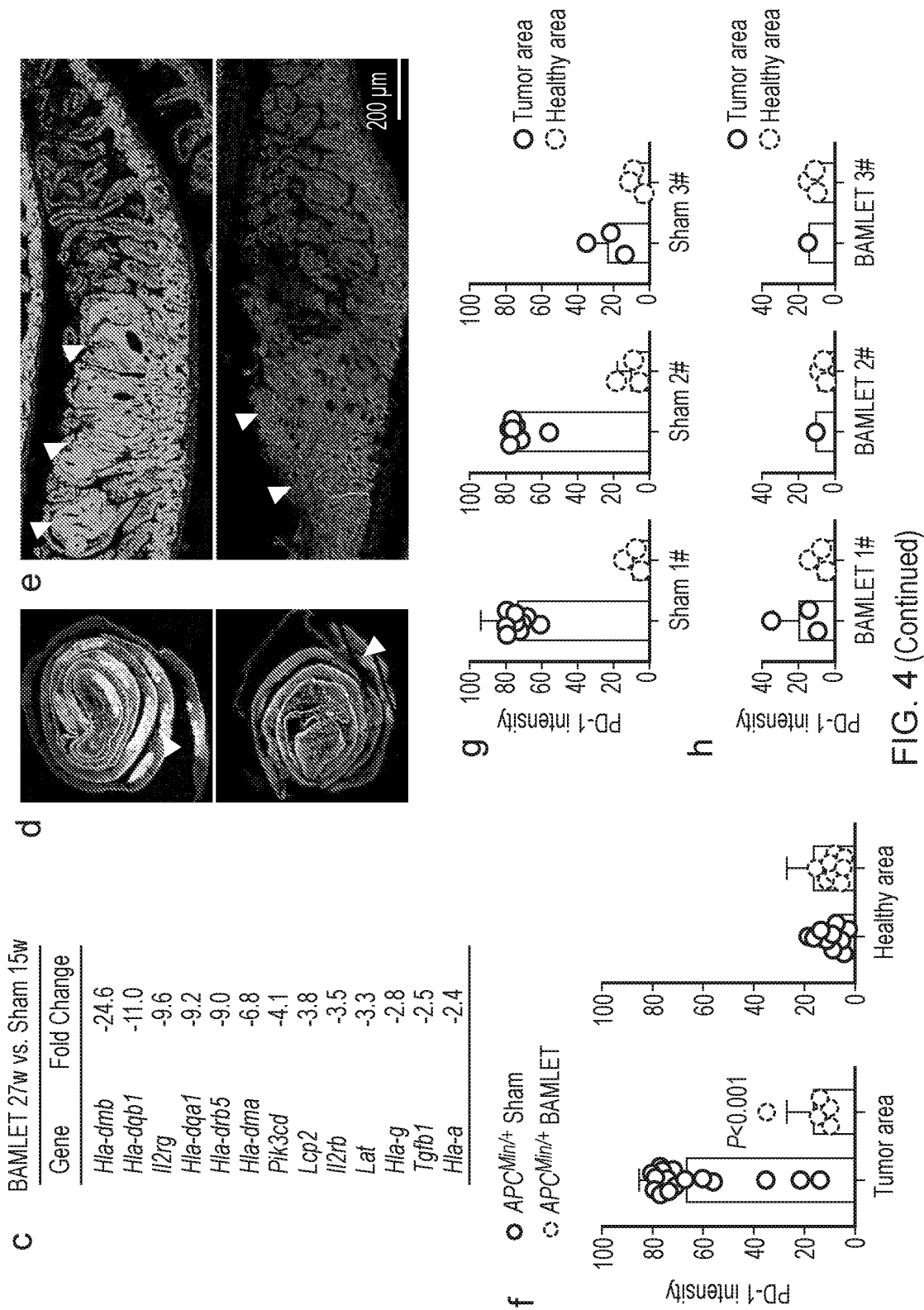


FIG. 4 (Continued)

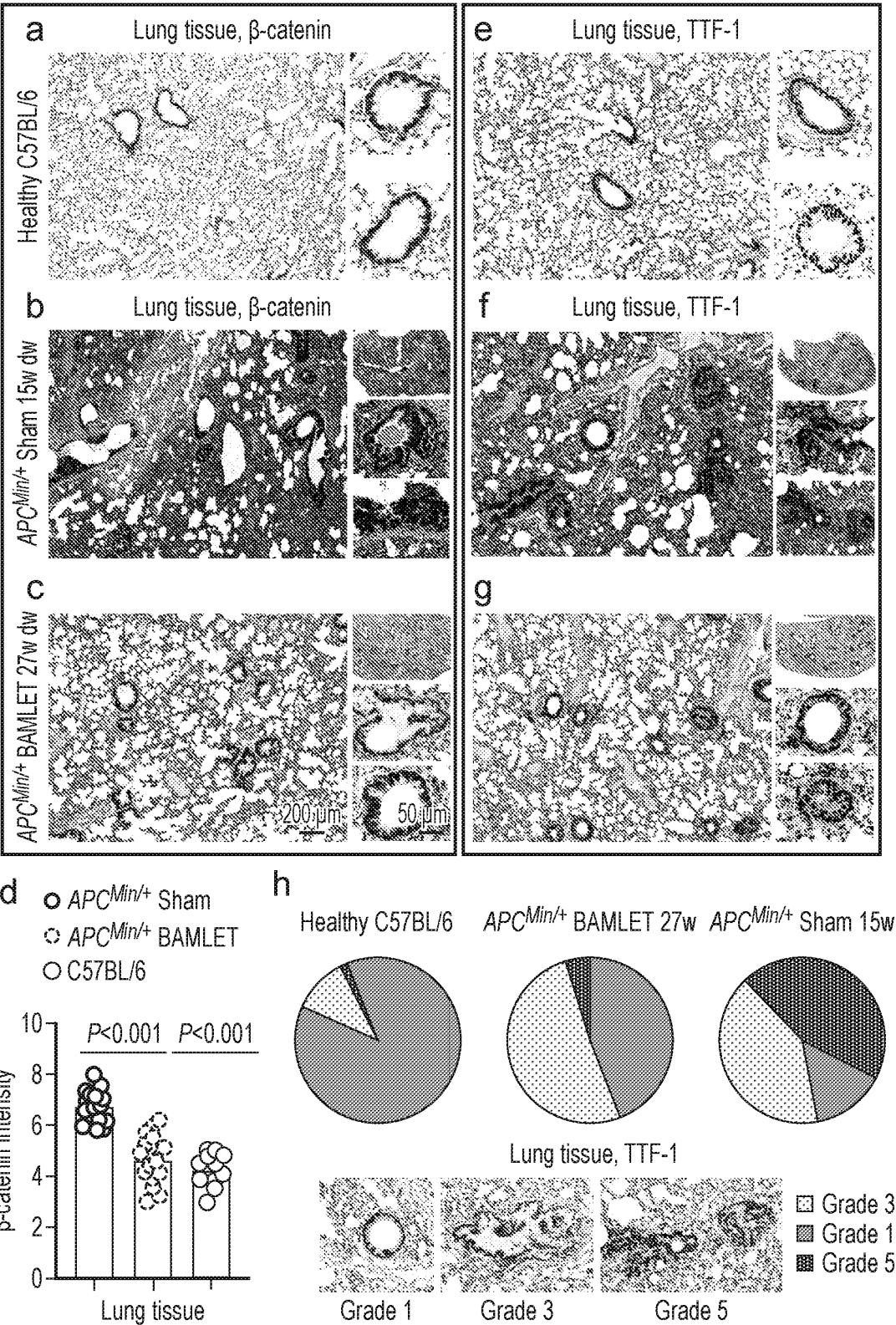


FIG. 5

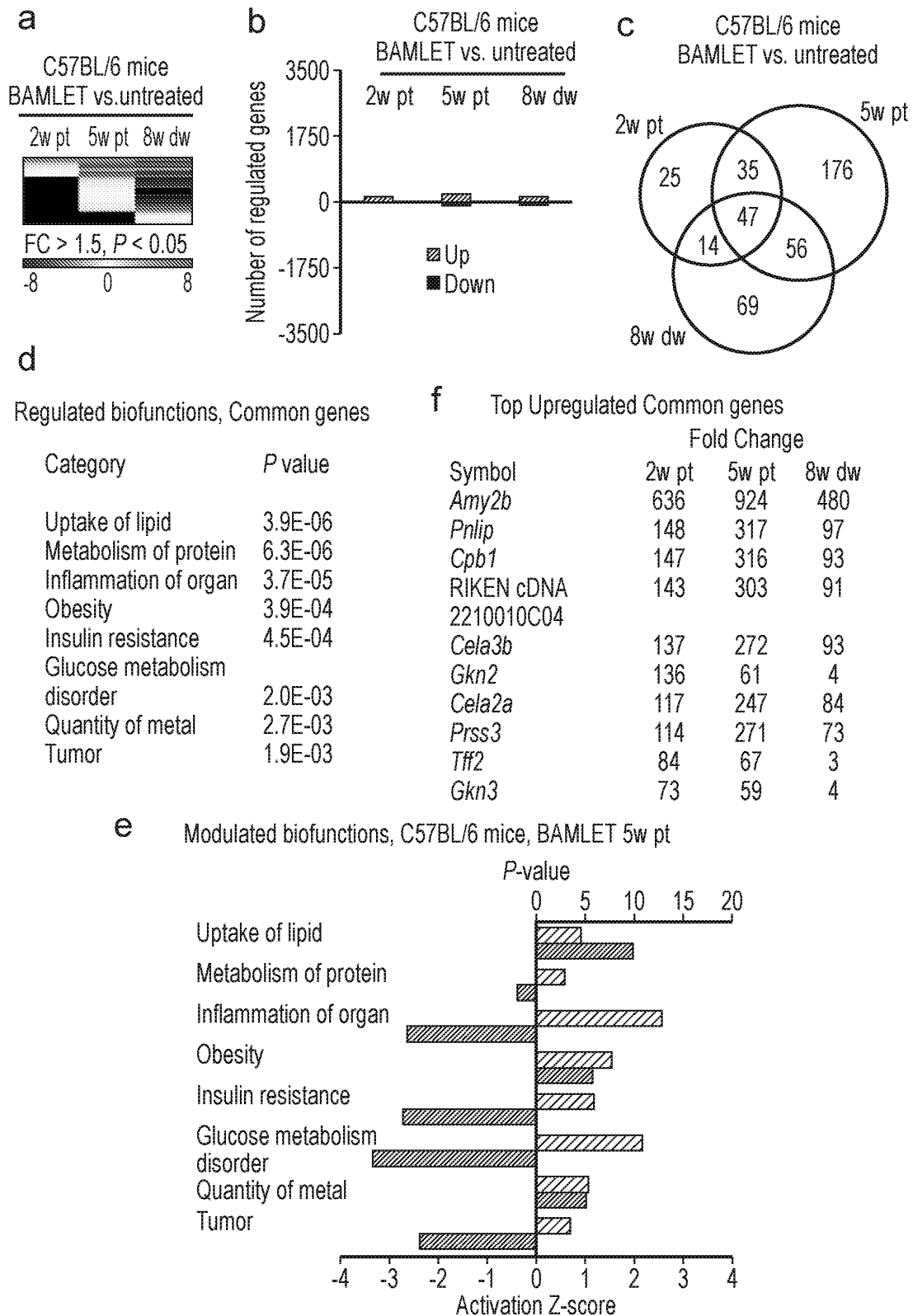


FIG. 6

SUBSTITUTE SHEET (RULE 26)

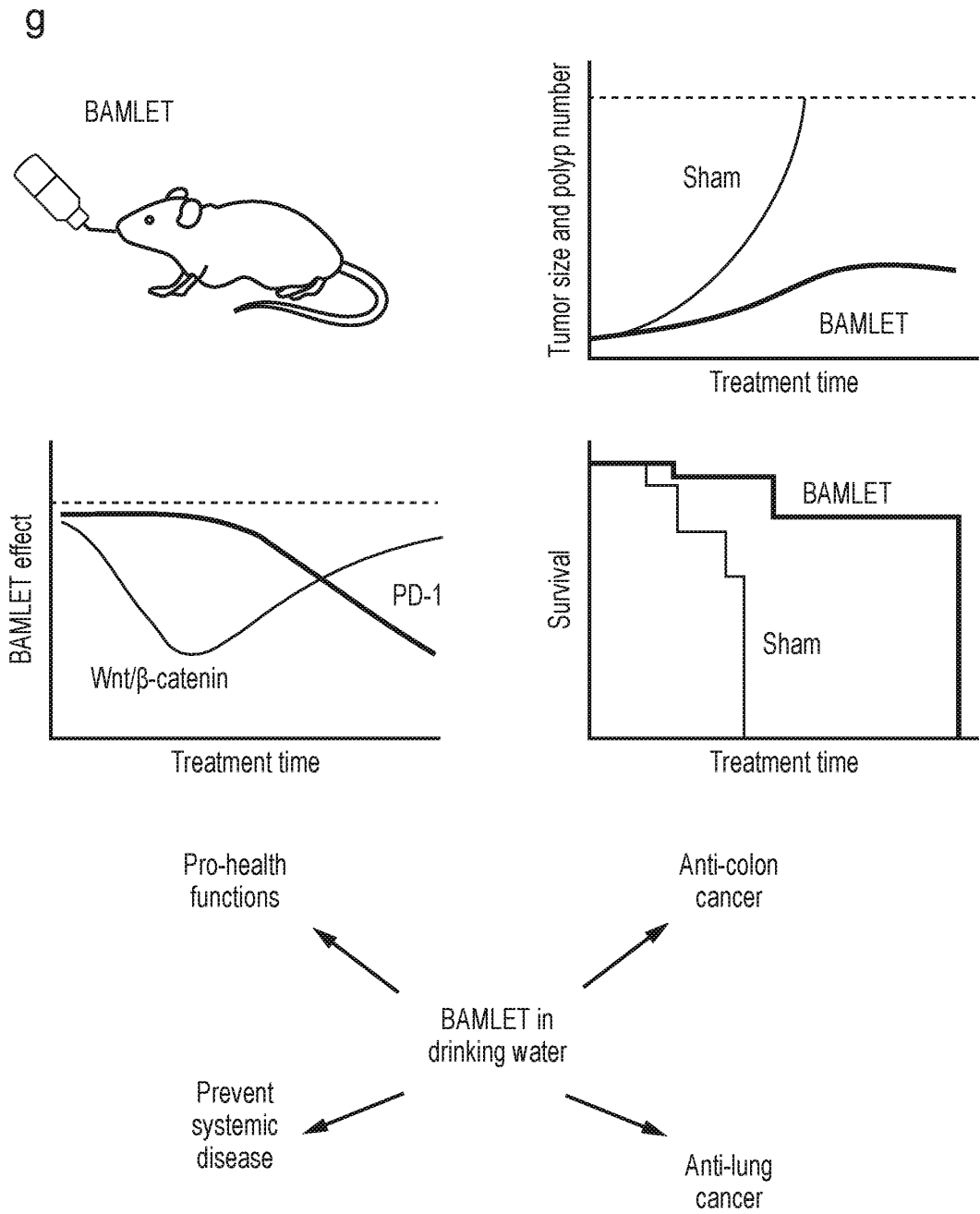


FIG. 6 (Continued)

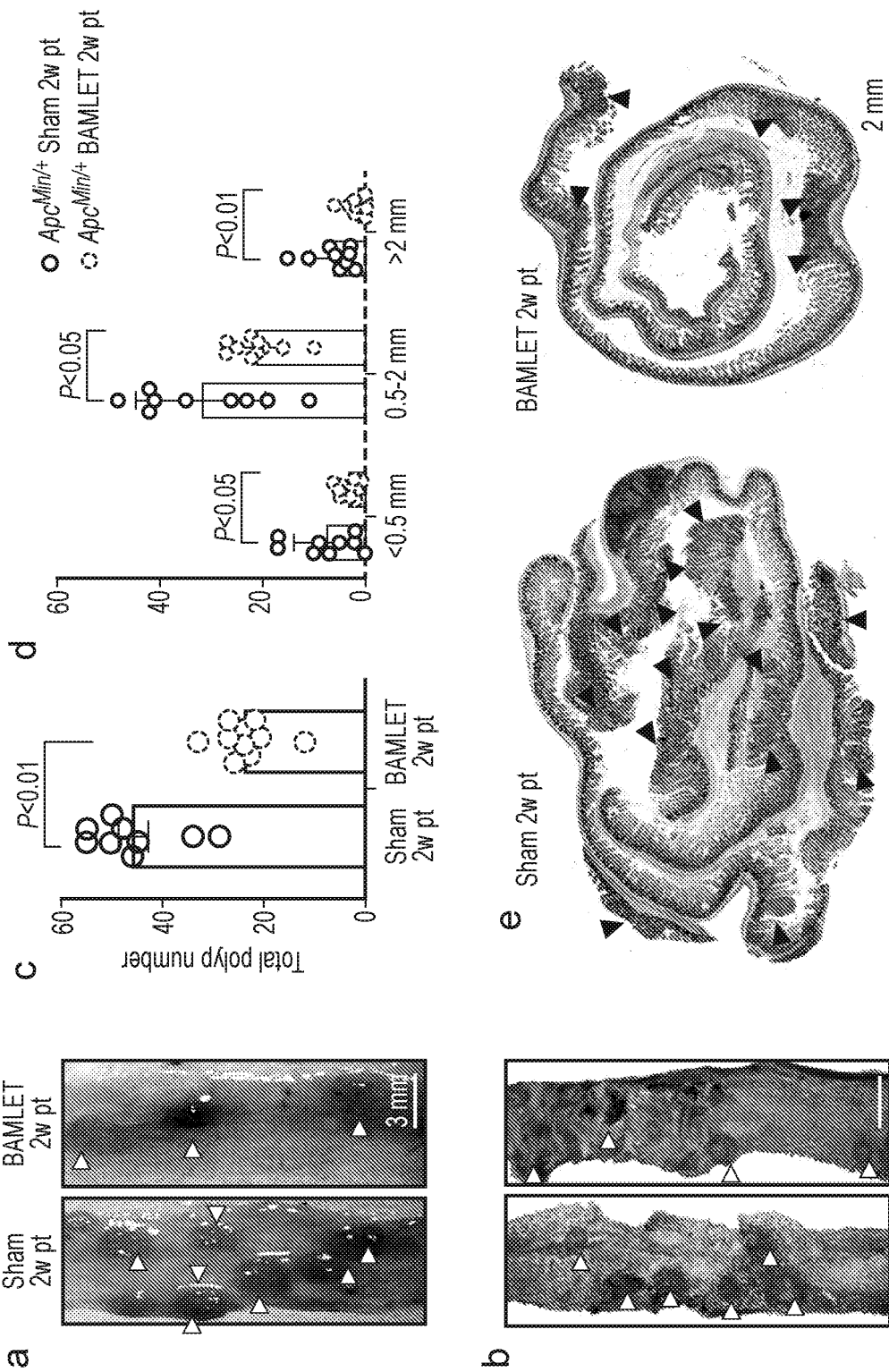
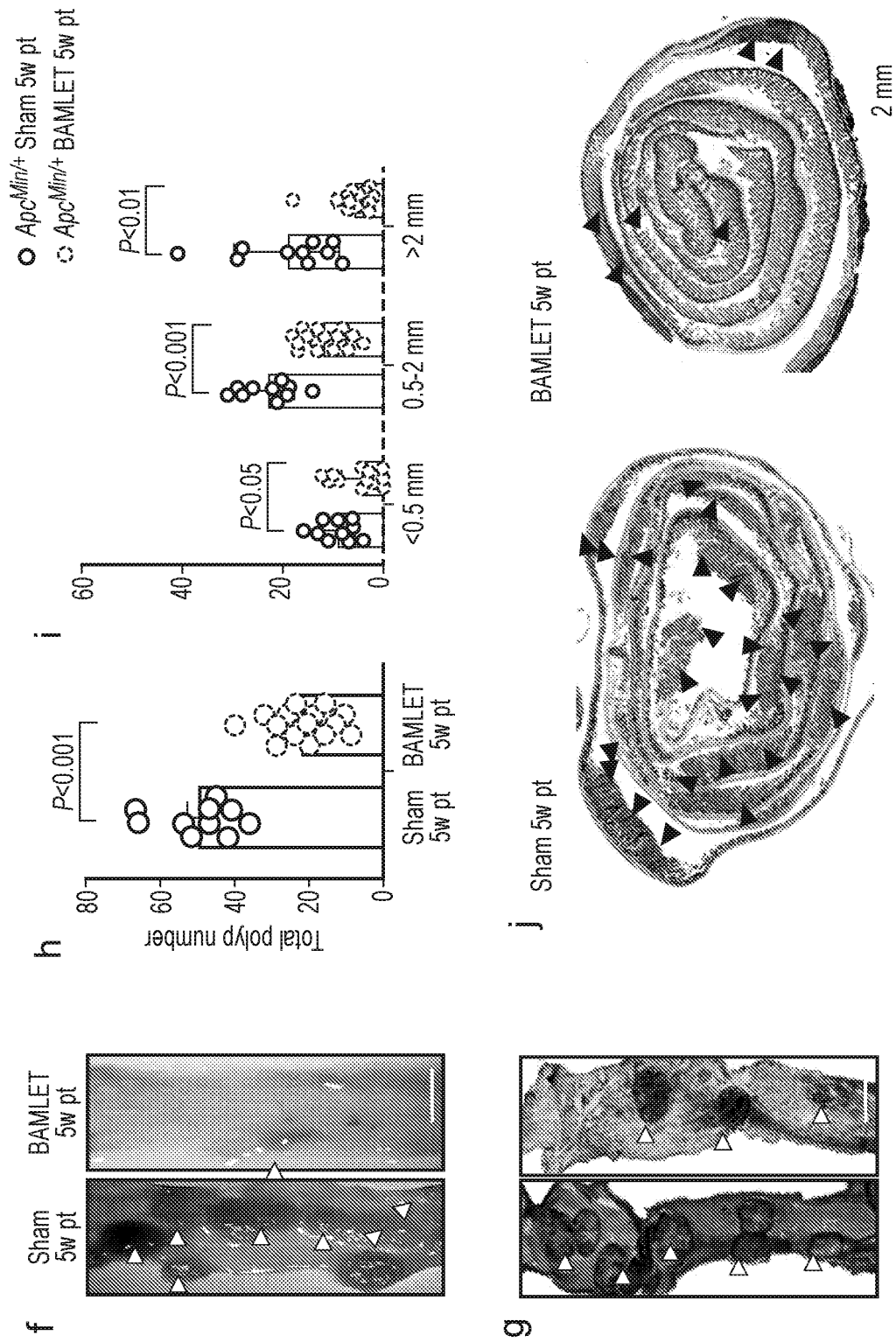
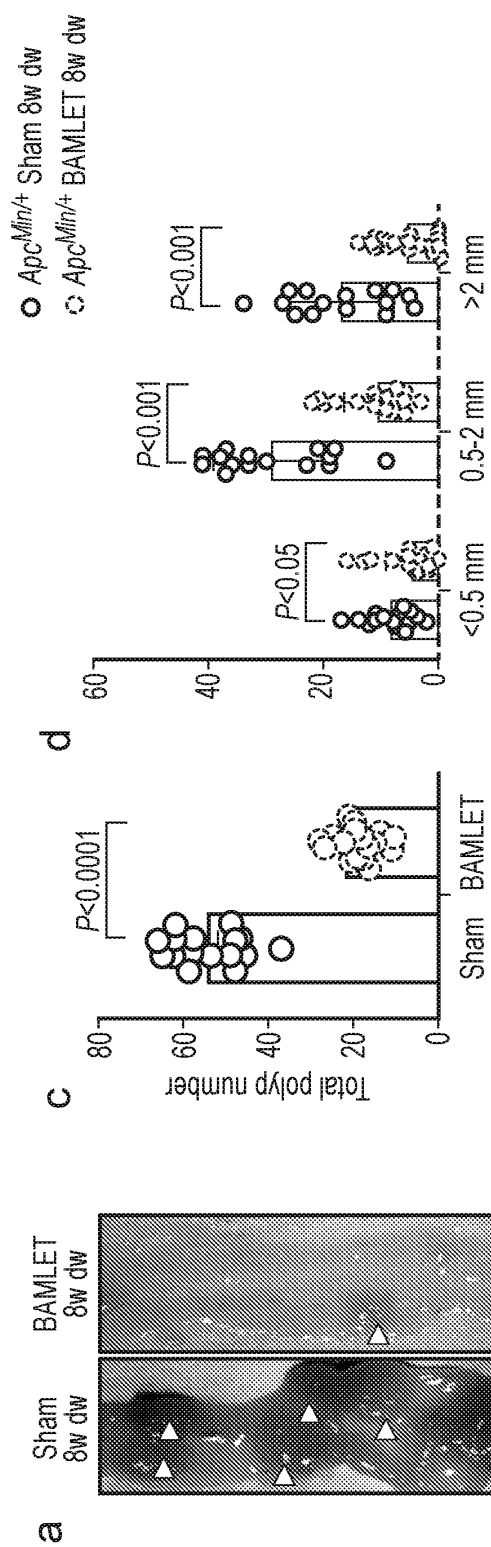


FIG. 7





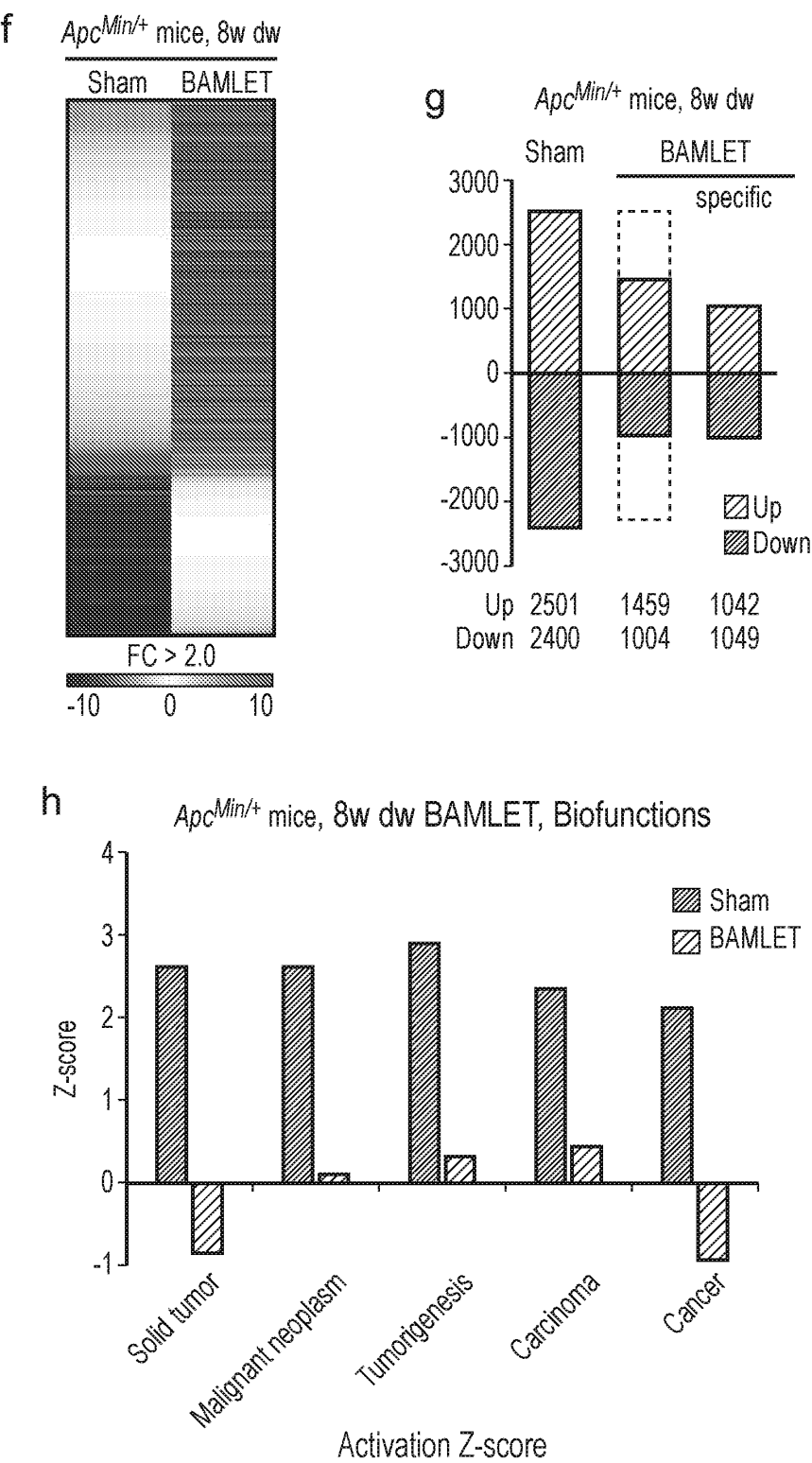


FIG. 8 (Continued)

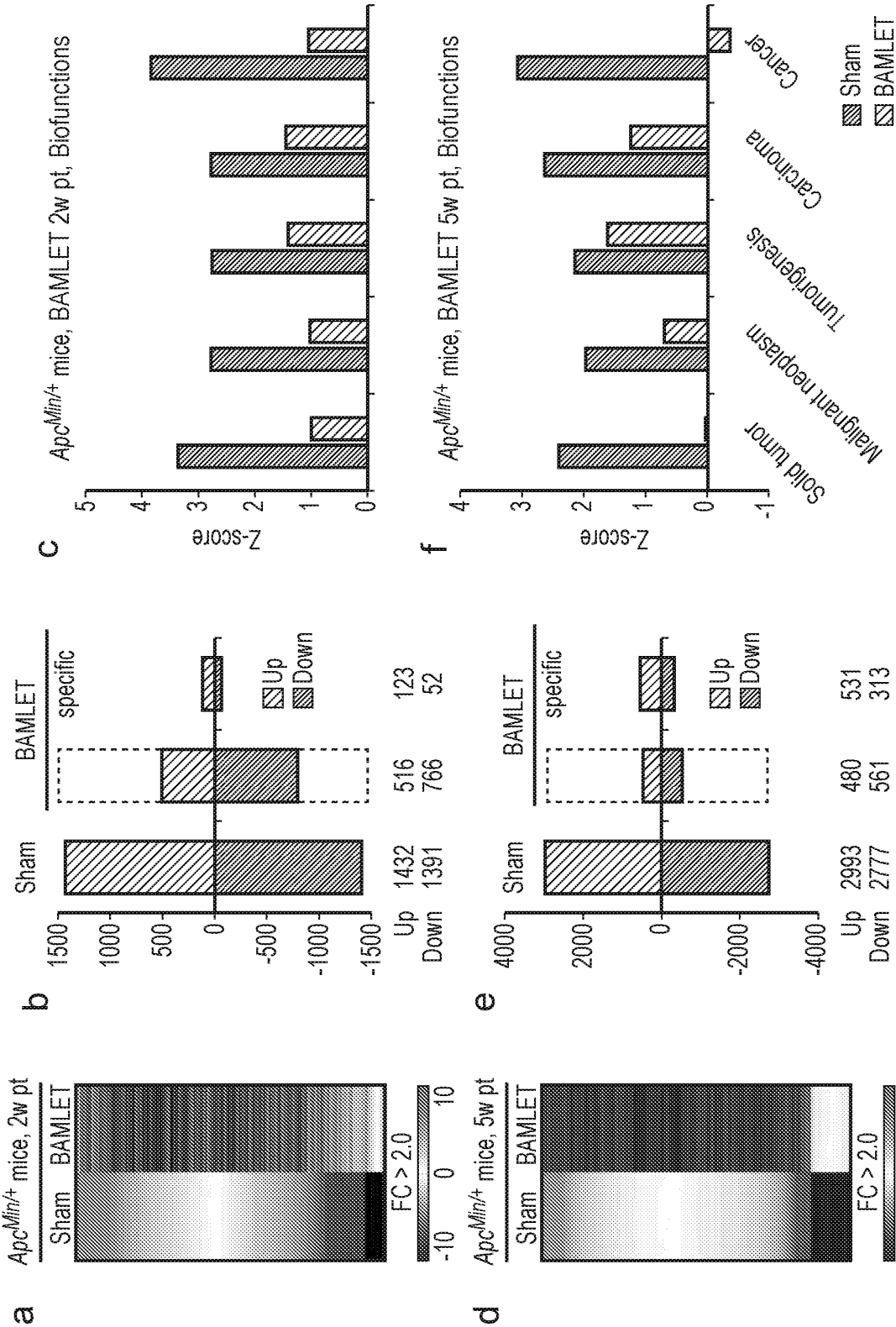


FIG. 9

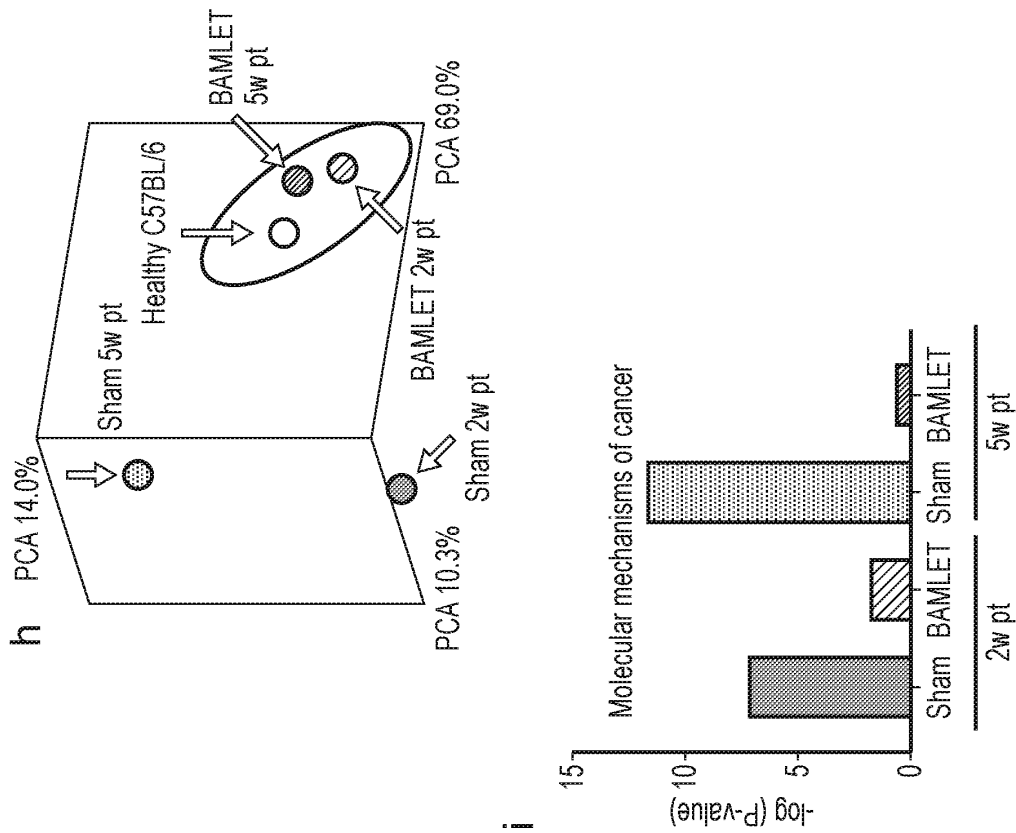


FIG. 9 (Continued)

g	Top regulated genes, Fold Change			
	Sham 2w pt	BAMLET 2w pt	Sham 5w pt	BAMLET 5w pt
<i>Serpina3</i>	2073.3	45.2	11875.4	2.5
<i>Slc38a4</i>	8686.2	24.3	7476.3	1.7
<i>Muc6</i>	832.2	3.5	6405.6	1.0
<i>Ctse</i>	3466.5	4.8	6038.1	-3.0
<i>Gkn3</i>	1843.4	14.7	4629.4	5.1
<i>Wfdc18</i>	2391.3	9.2	3548.0	1.0
<i>Ctlu</i>	2707.2	166.8	2961.3	11.9
<i>Lcn2</i>	1085.6	3.7	1450.5	1.3
<i>Prox1</i>	254.0	8.1	1101.2	1.6
<i>Natnm</i>	120.1	1.3	973.3	2.5

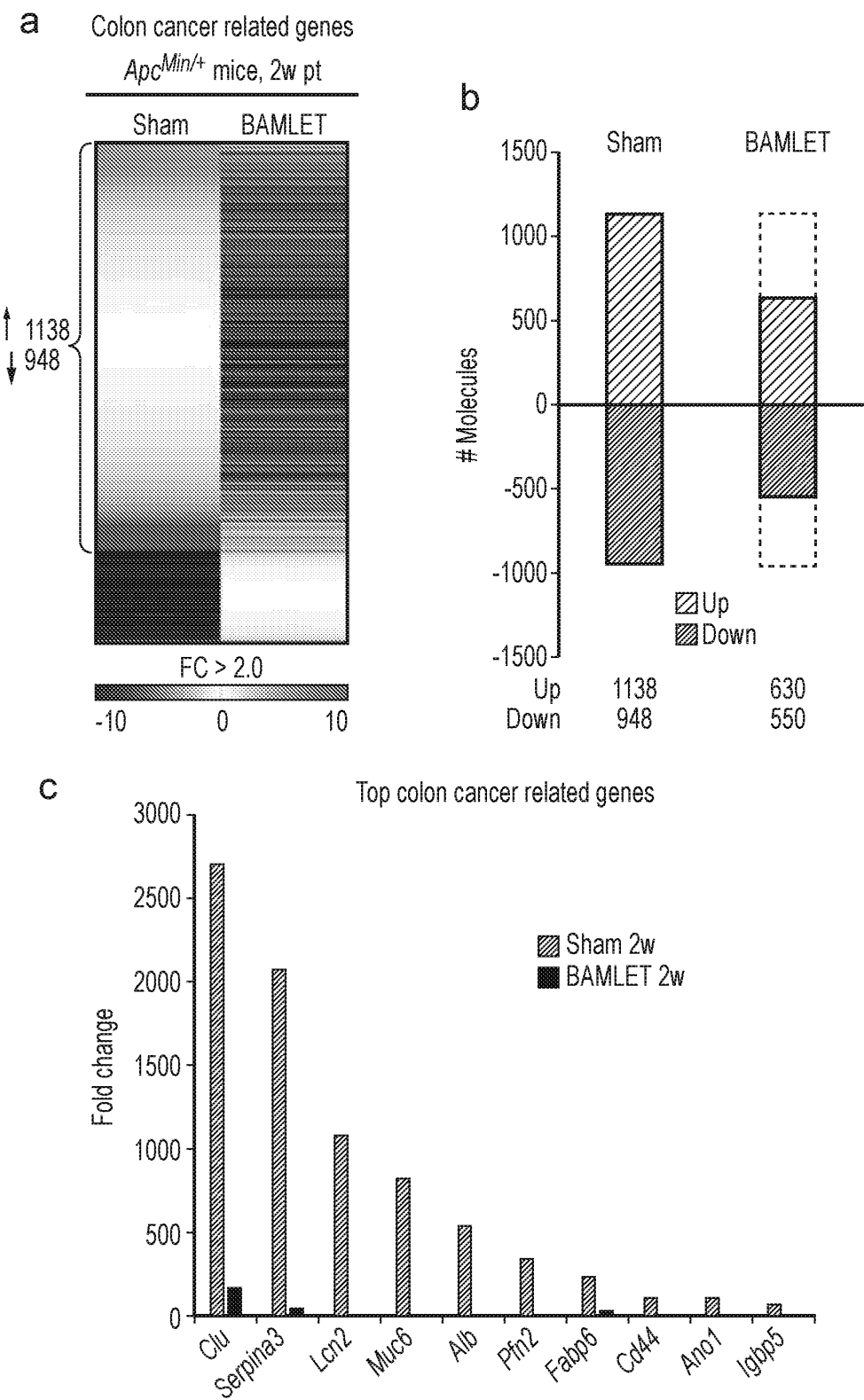


FIG. 10

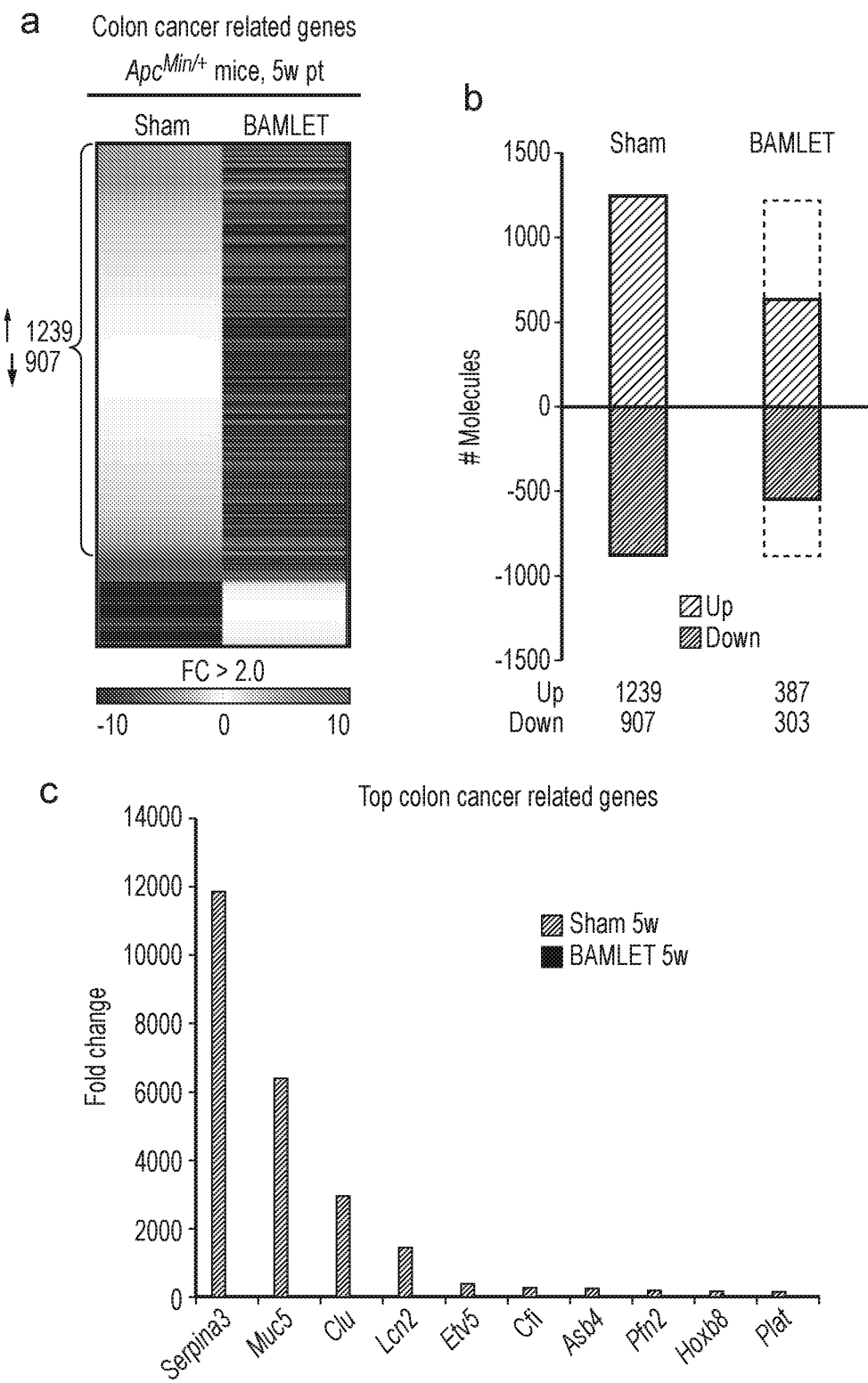


FIG. 10 (Continued)

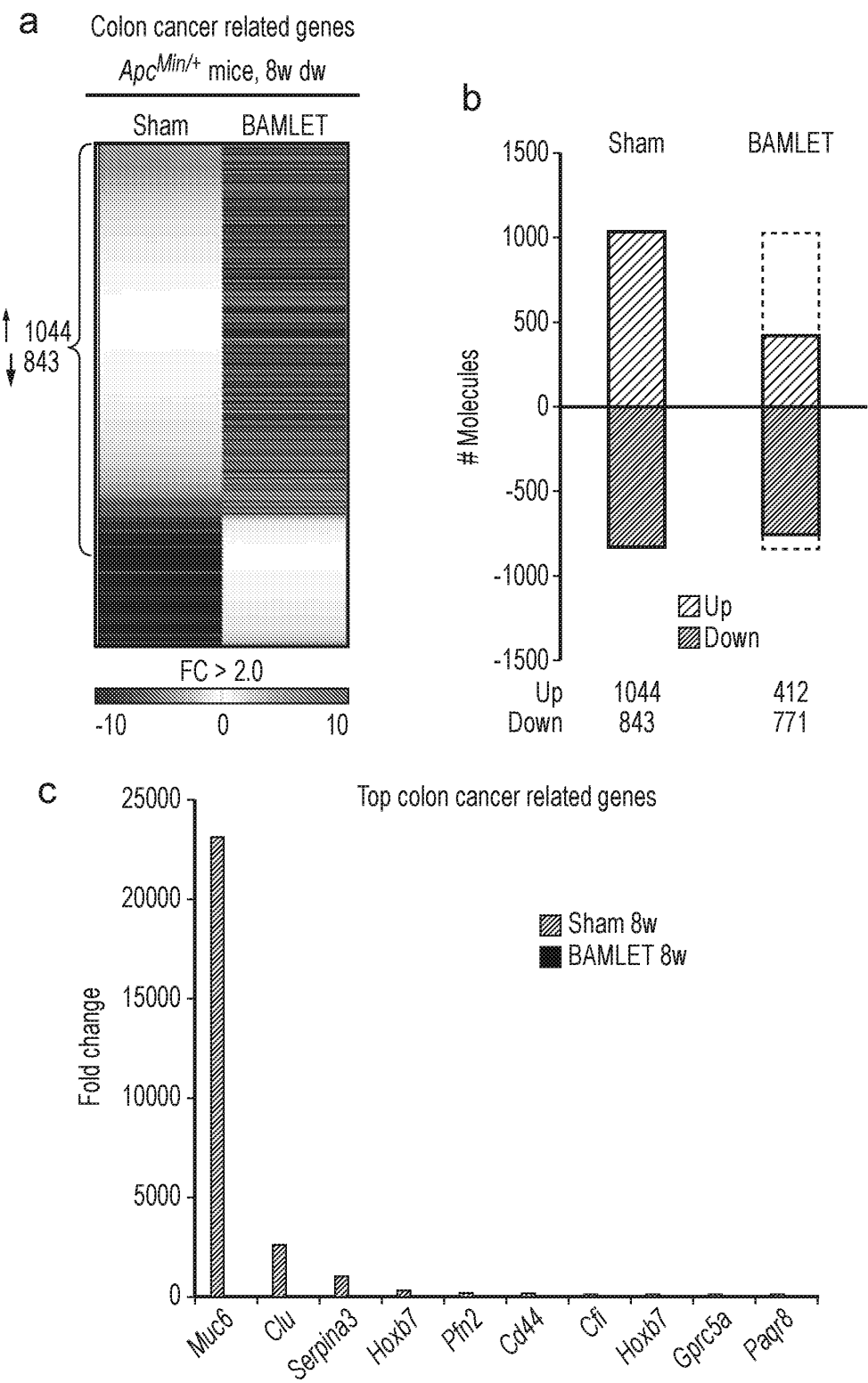


FIG. 10 (Continued)

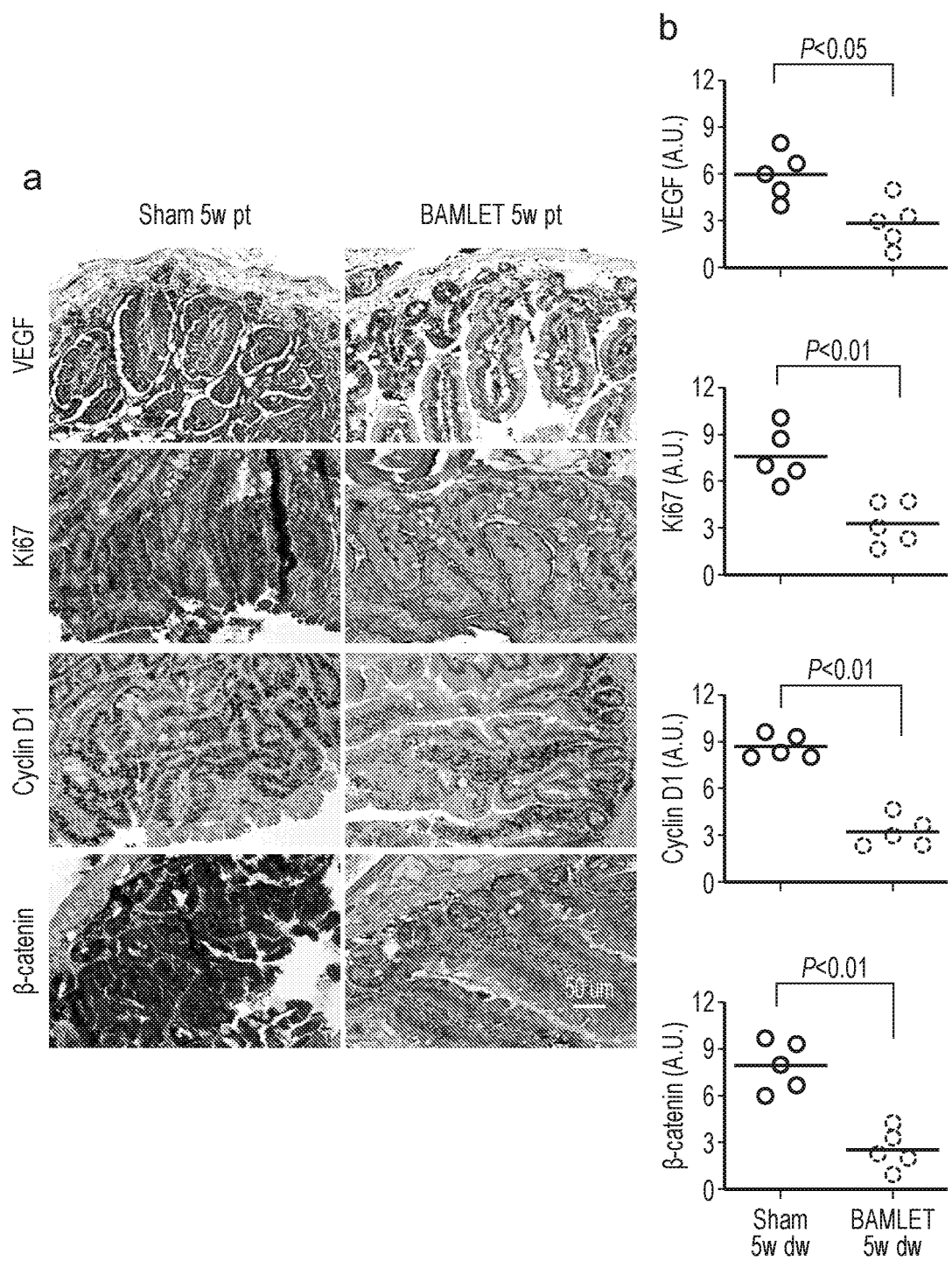


FIG. 11

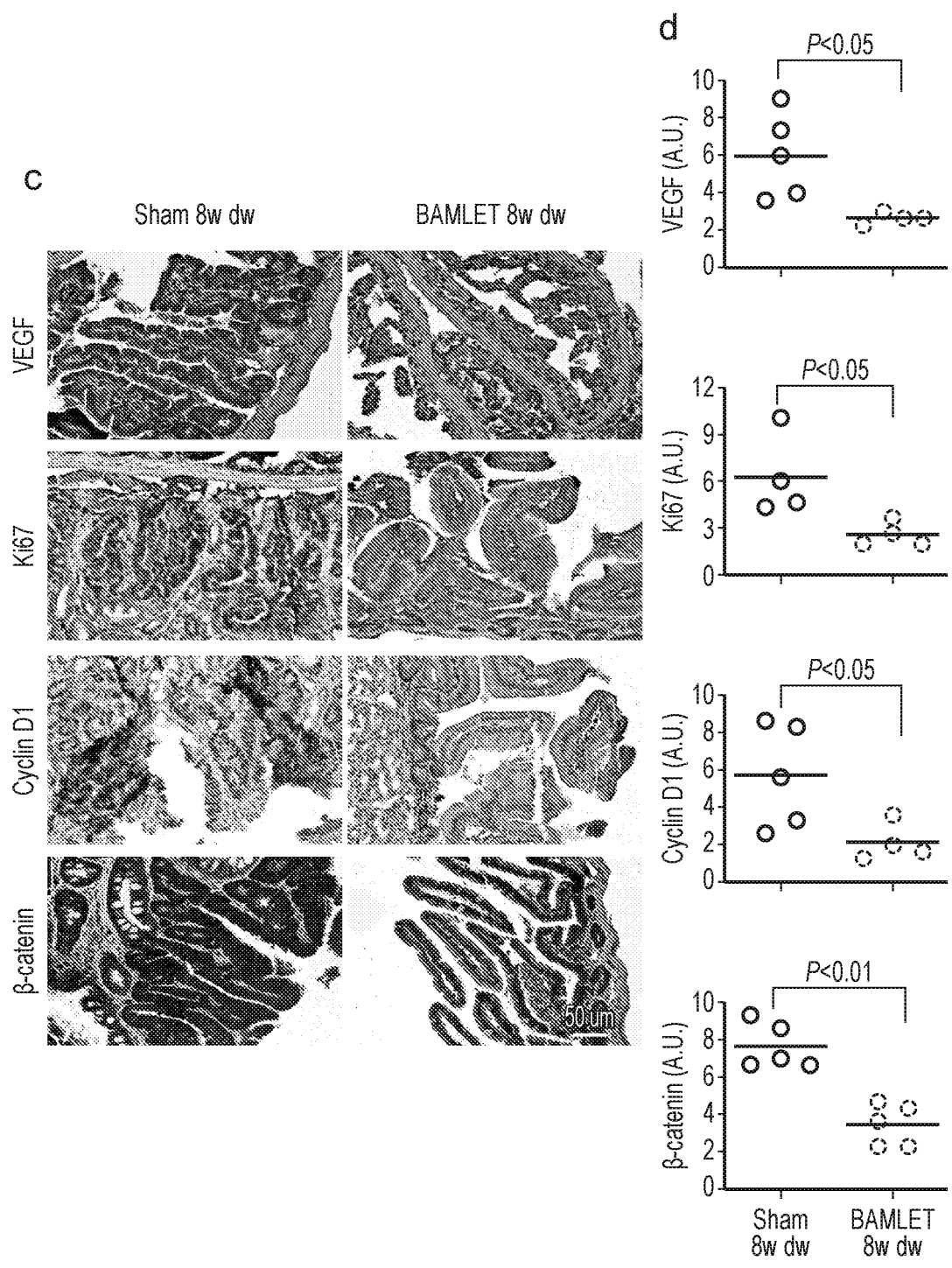


FIG. 11 (Continued)

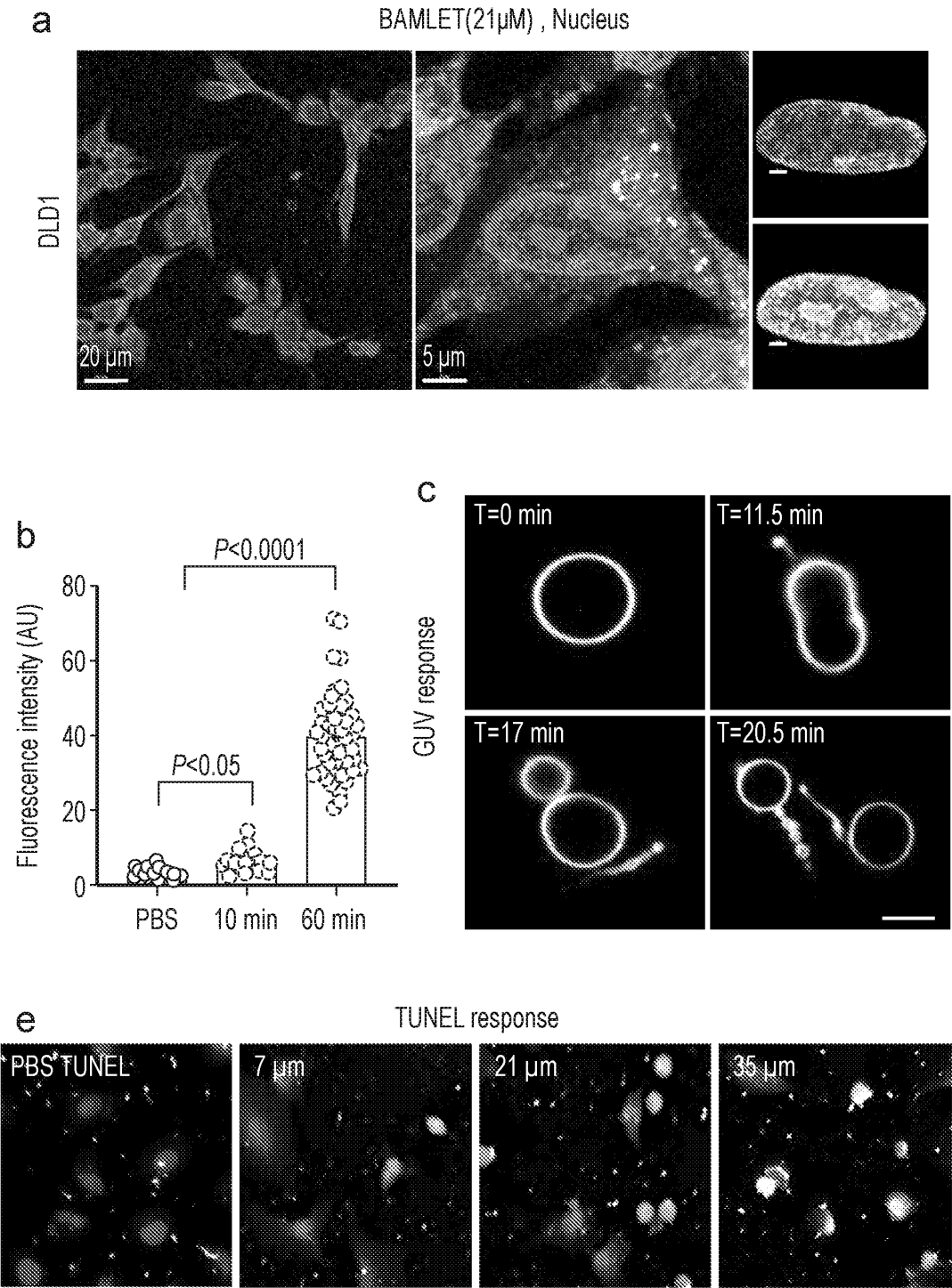


FIG. 12

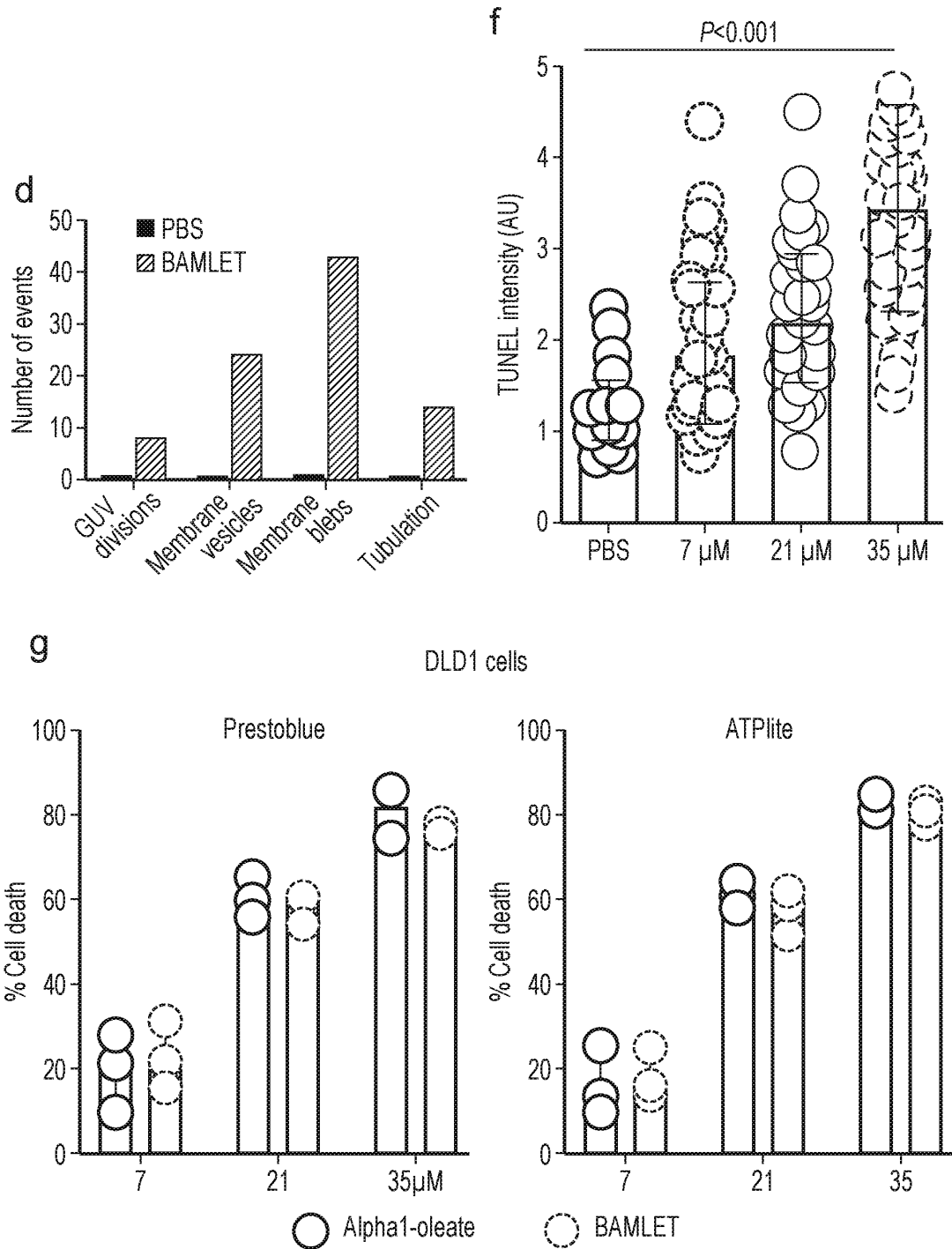


FIG. 12 (Continued)

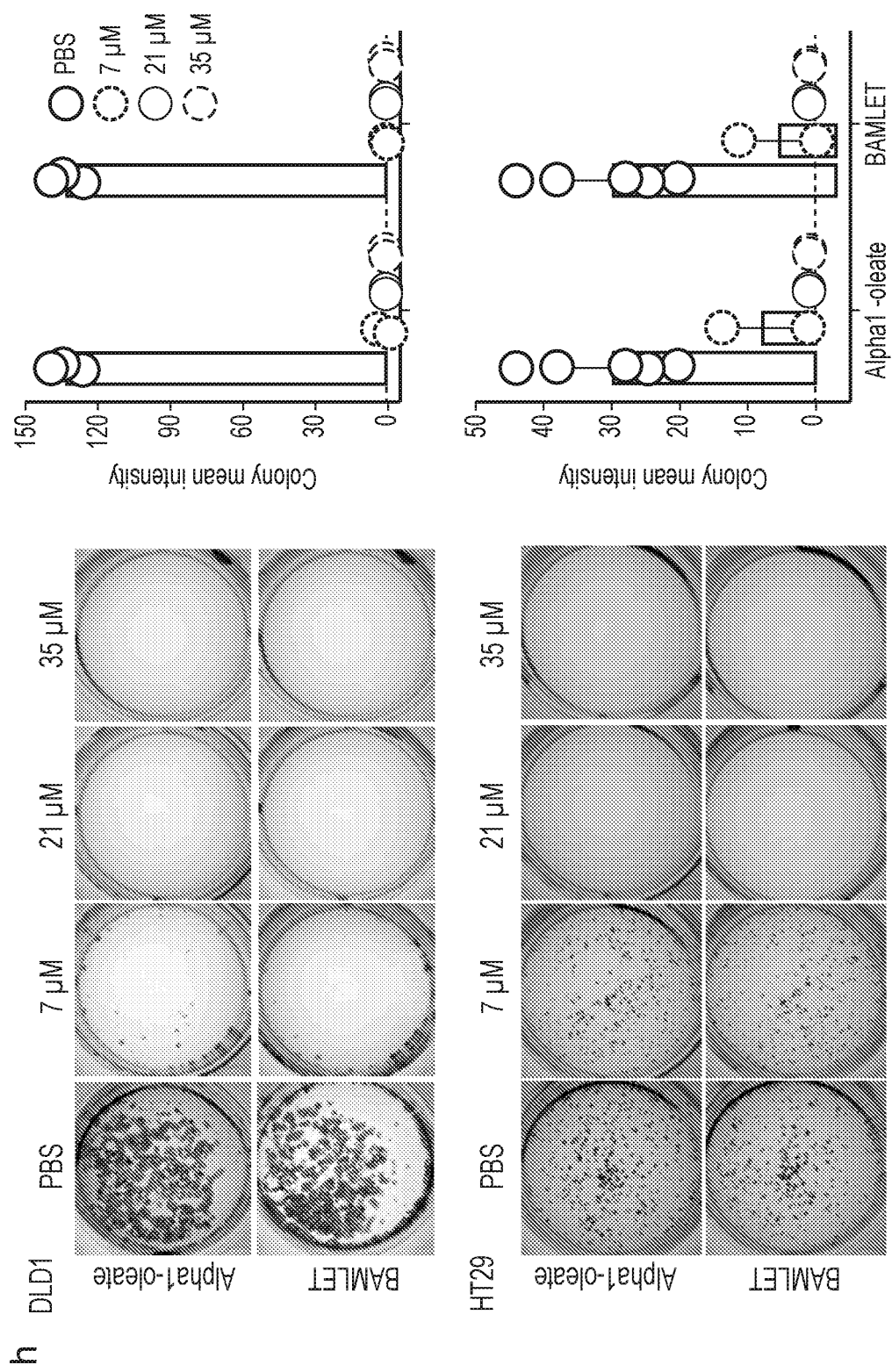


FIG. 12 (Continued)

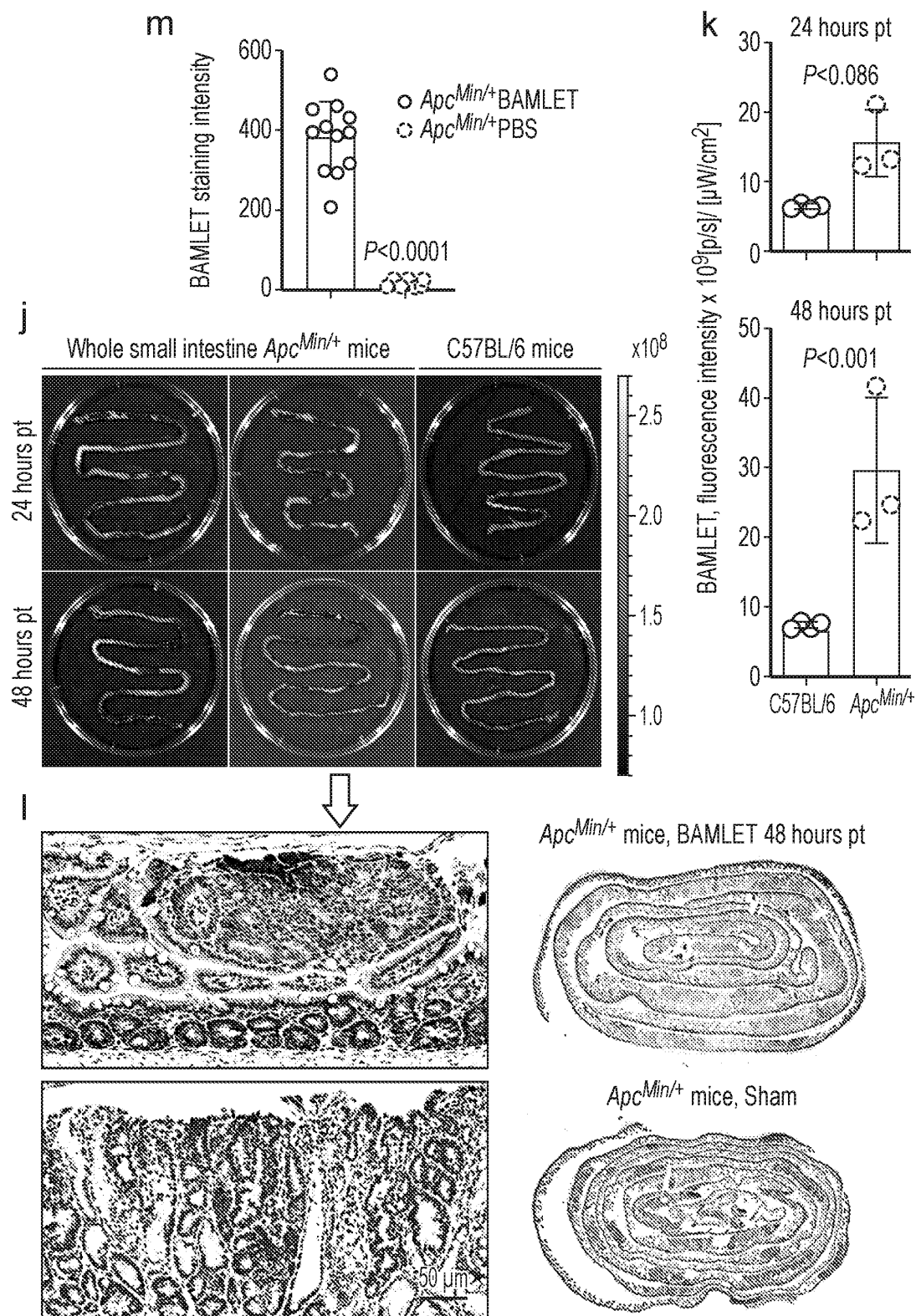


FIG. 12 (Continued)

SUBSTITUTE SHEET (RULE 26)

a Cancer-related canonical pathway, -log(*P*-value)

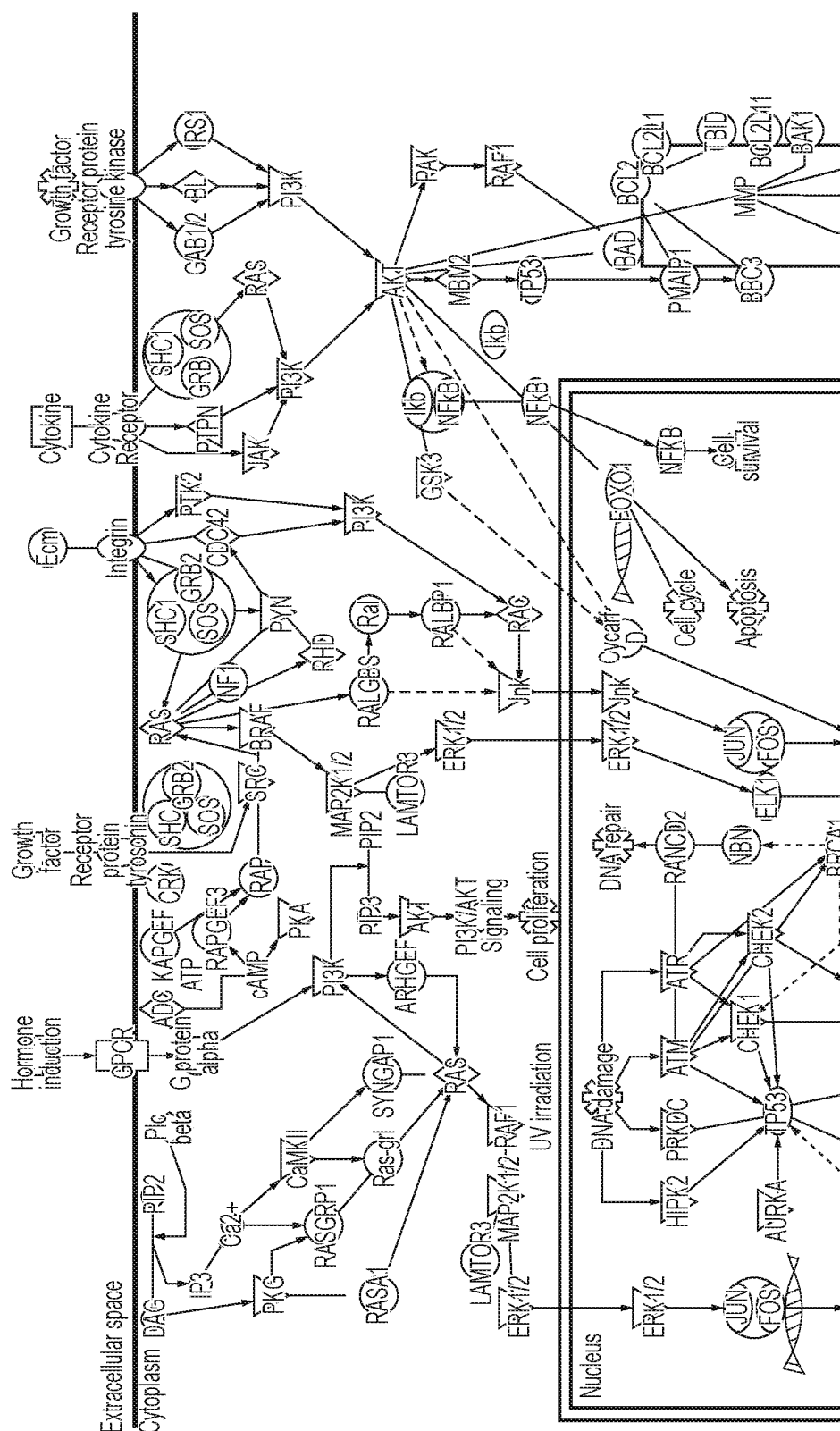
BAMLET 37w vs. Sham 15w dw, Intestine	
Molecular Mechanisms of Cancer	1.7
Colorectal Cancer Metastasis	1.5
Tumor Microenvironment	0.7
WNT/ β -catenin Signaling	0.4

b Colon Cancer Metastasis pathway genes, FC > 2

BAMLET 37w vs. Sham 15w dw, Intestine	
Transcription factors (cell proliferation)	
<i>Stat1</i> ↓	
Rho/Ras (cell growth/differentiation)	
<i>Rac2</i> ↓, <i>Rhou</i> ↑, <i>Rnd2</i> ↑	
Toll-like receptor (cell signalling)	
<i>Tlr4</i> ↓, <i>Tlr13</i> ↑	
Growth factors and kinases (cell proliferation)	
<i>Tgfb1</i> ↓, <i>Pik3cd</i> ↓	

FIG. 13

FG 130



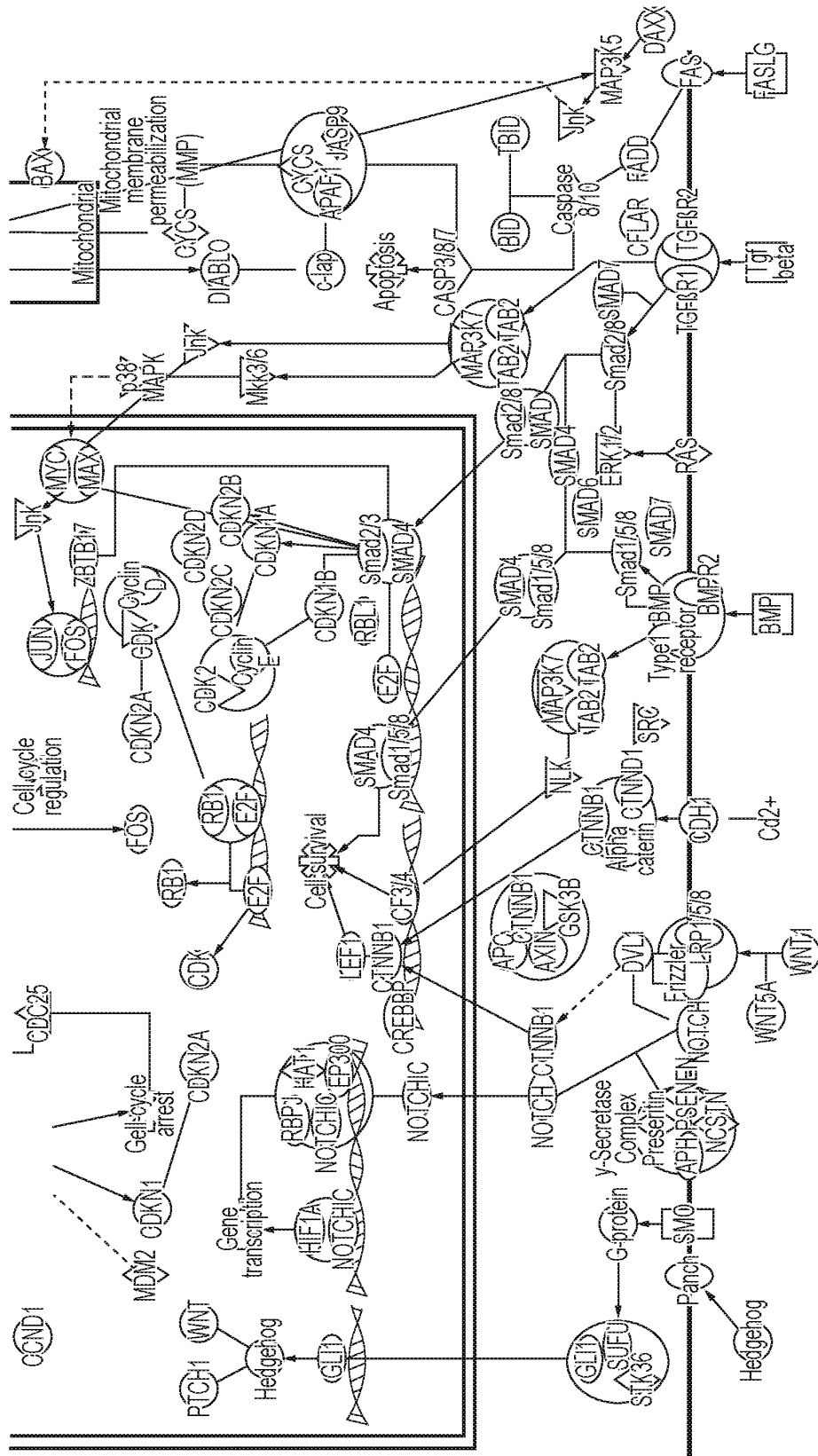


FIG. 13c (Continued)

Tumor Microenvironment BAMLET 37w vs. Sham 15w dw, Intestine

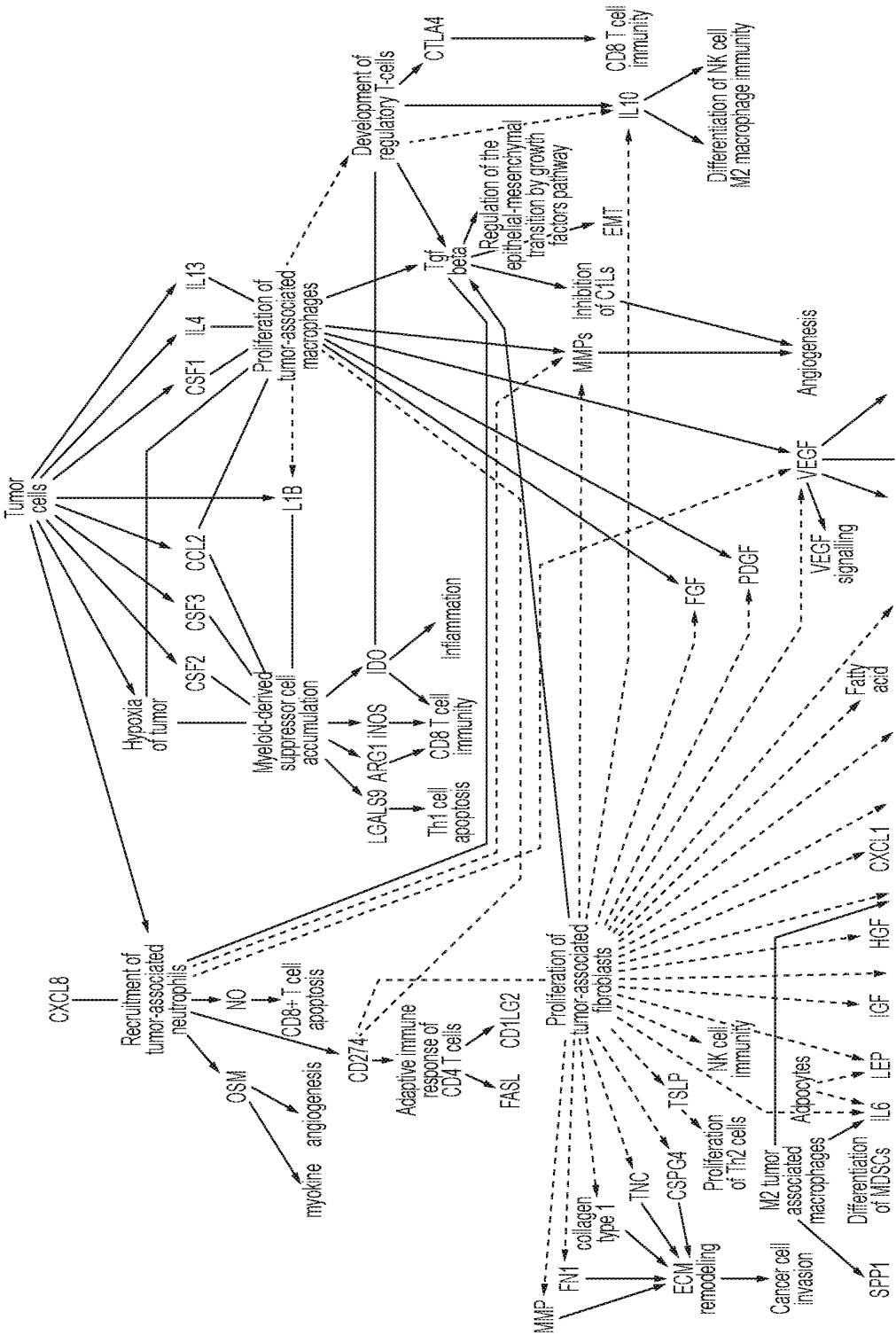


FIG. 13d

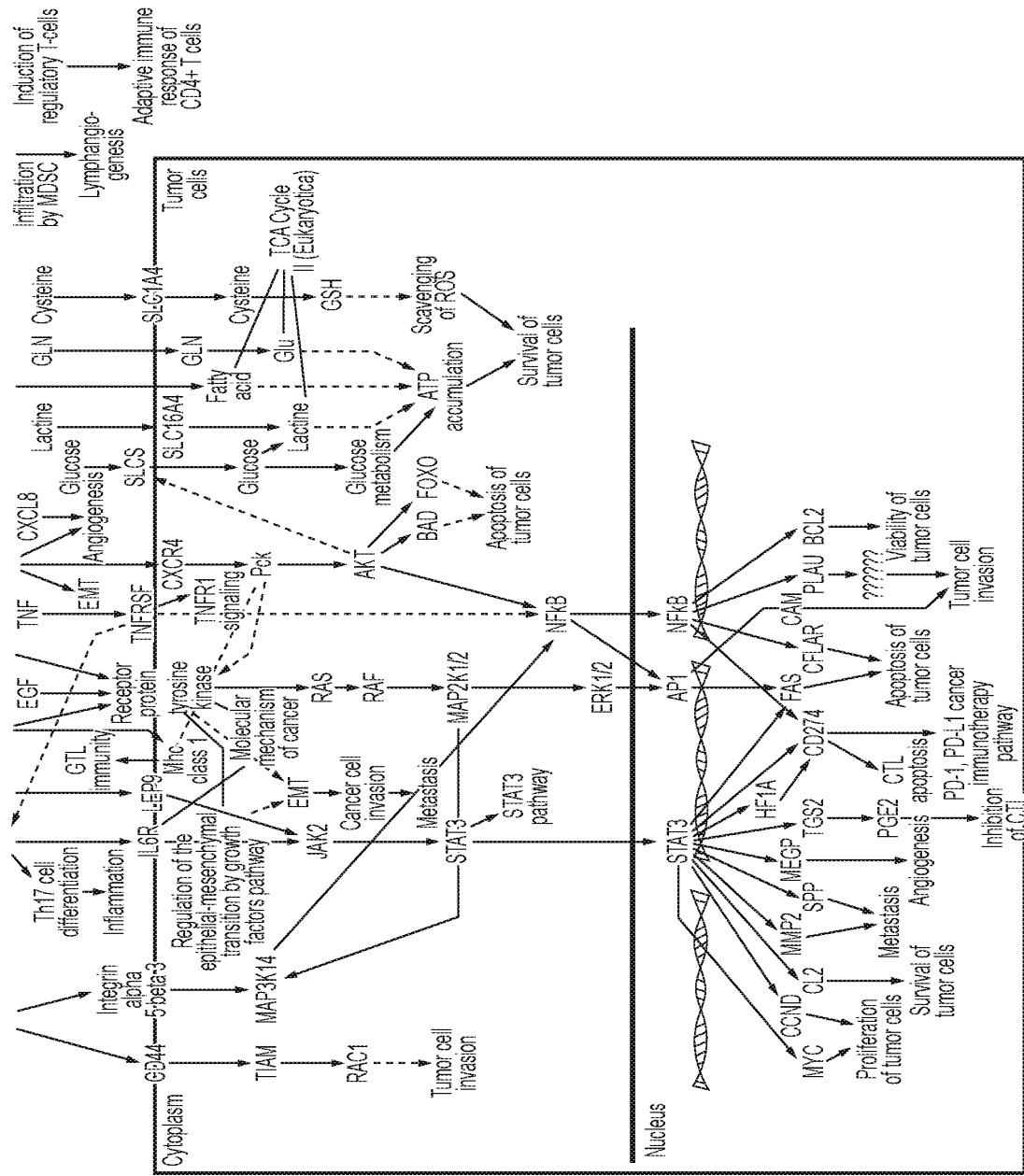


FIG. 13d (Continued)

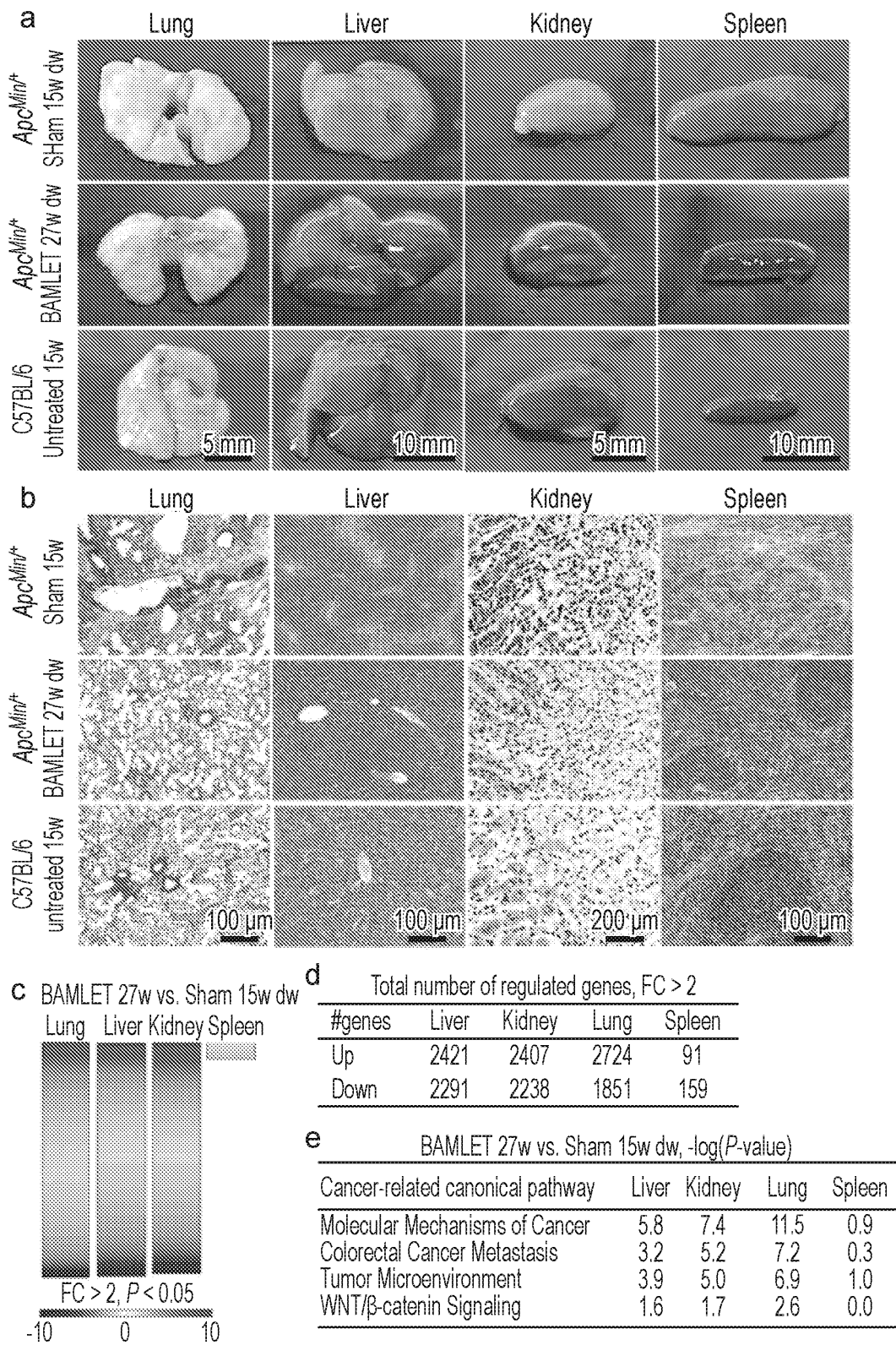


FIG. 14

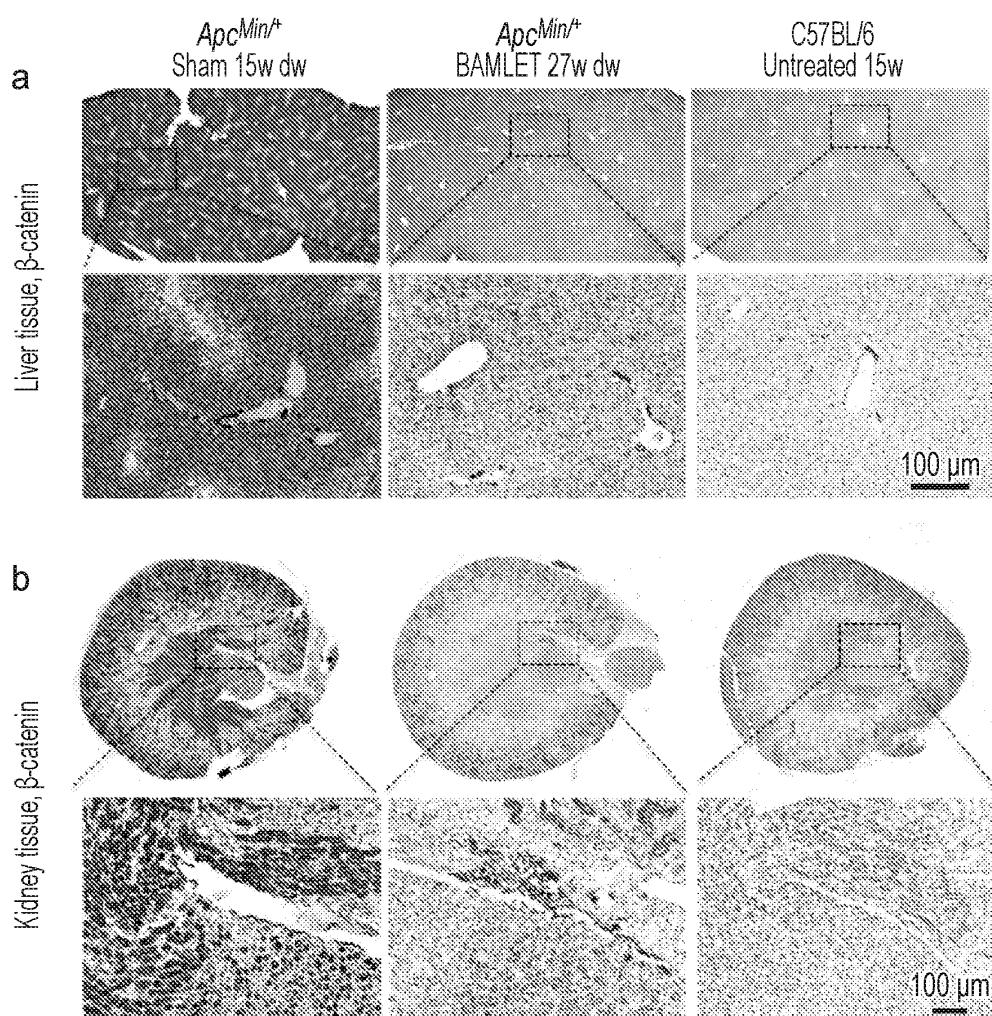


FIG. 15

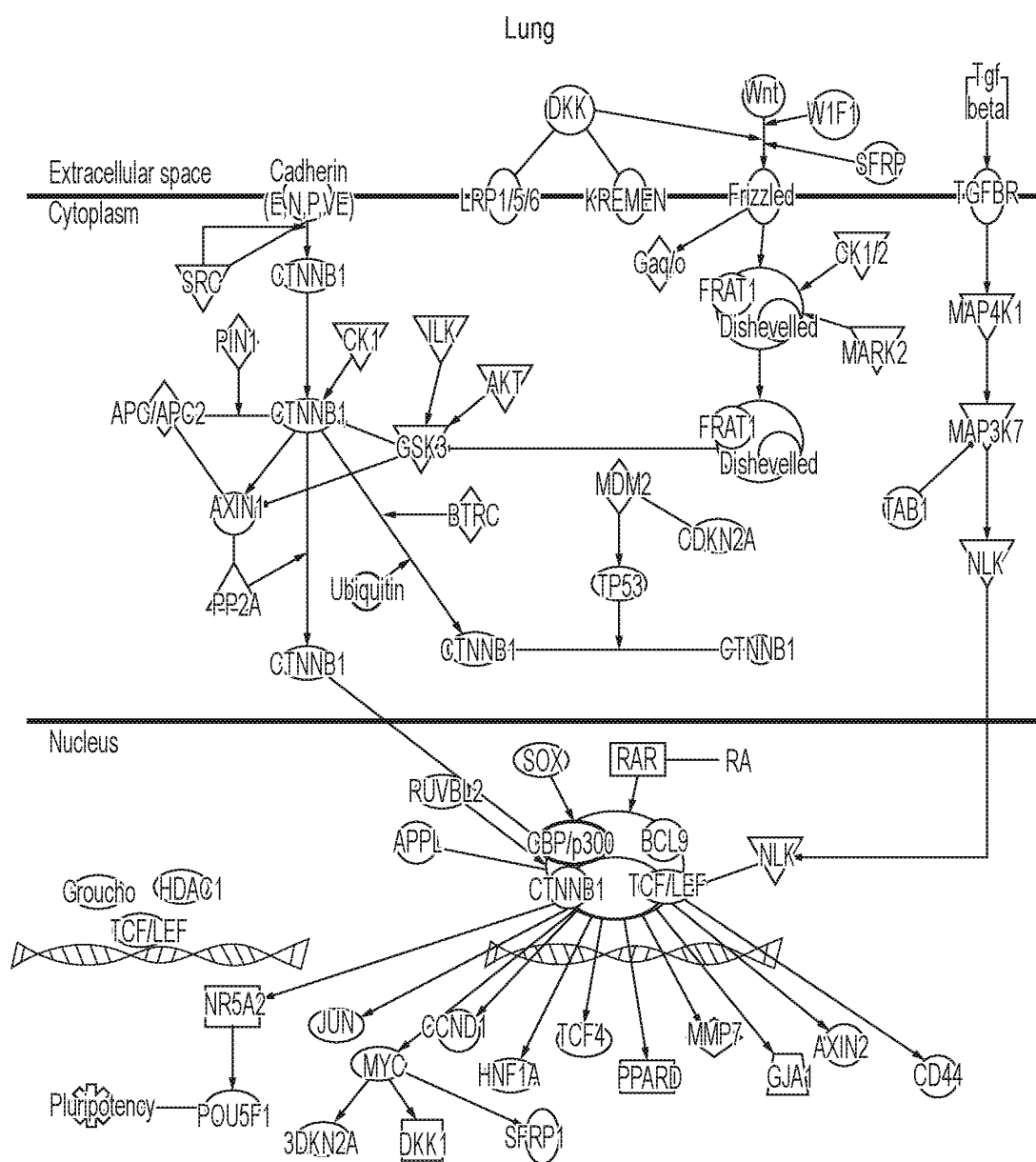
Wnt/ β -catenin signalling, BAMLET 37w vs. Sham 15w dw

FIG. 16

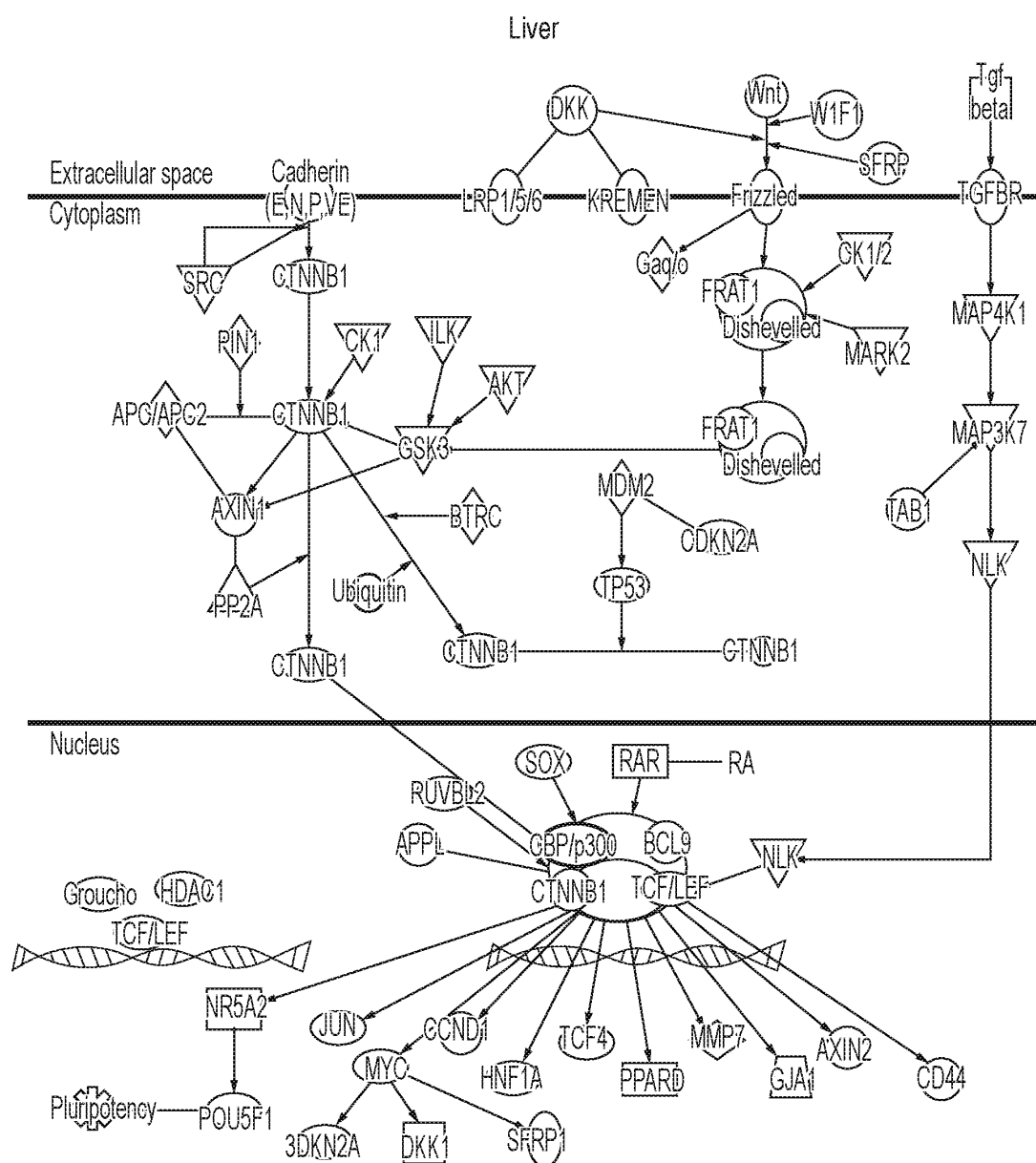
Wnt/ β -catenin signalling, BAMLET 37w vs. Sham 15w dw

FIG. 16 (continued)

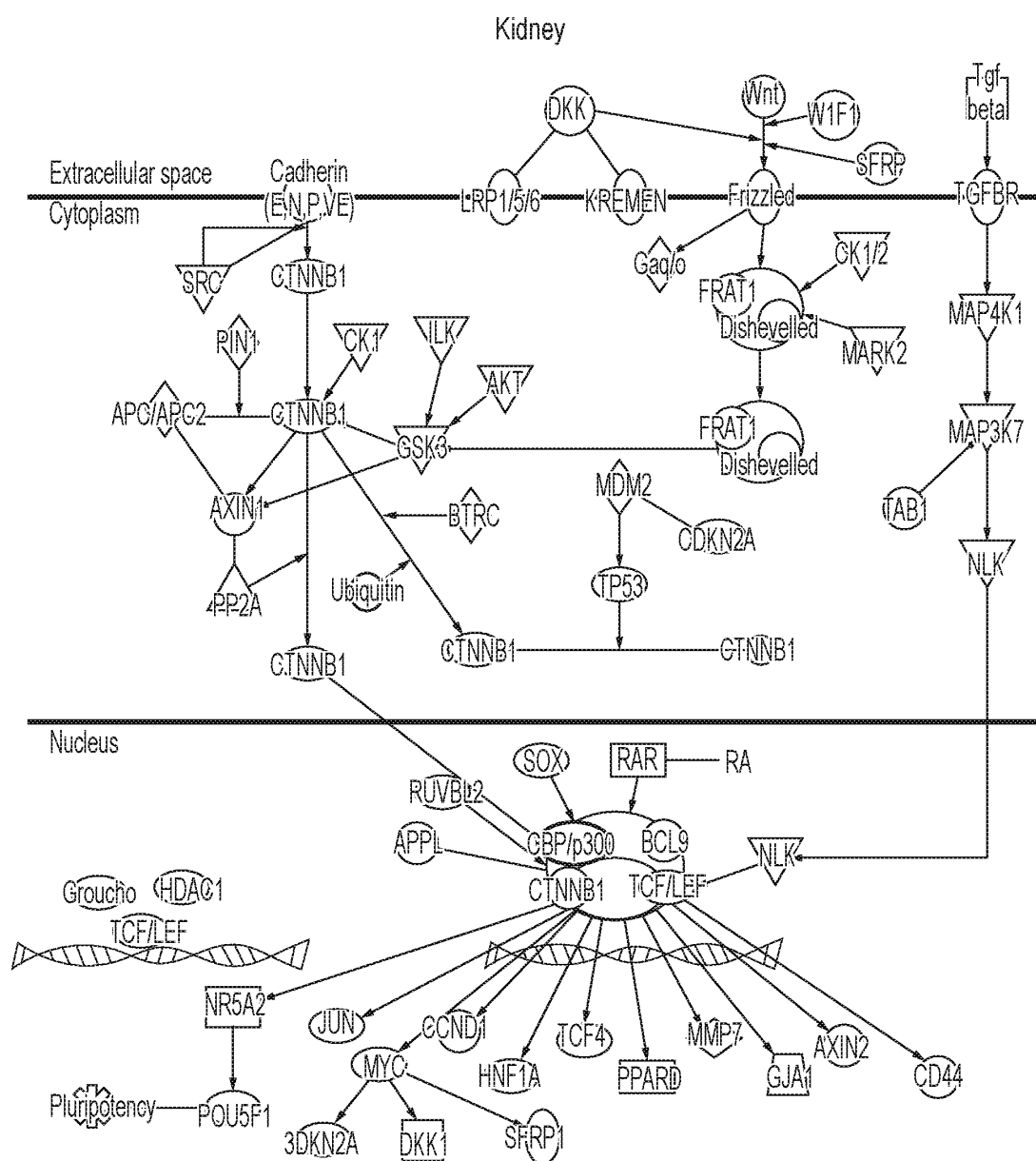
Wnt/ β -catenin signalling, BAMLET 37w vs. Sham 15w dw

FIG. 16 (continued)