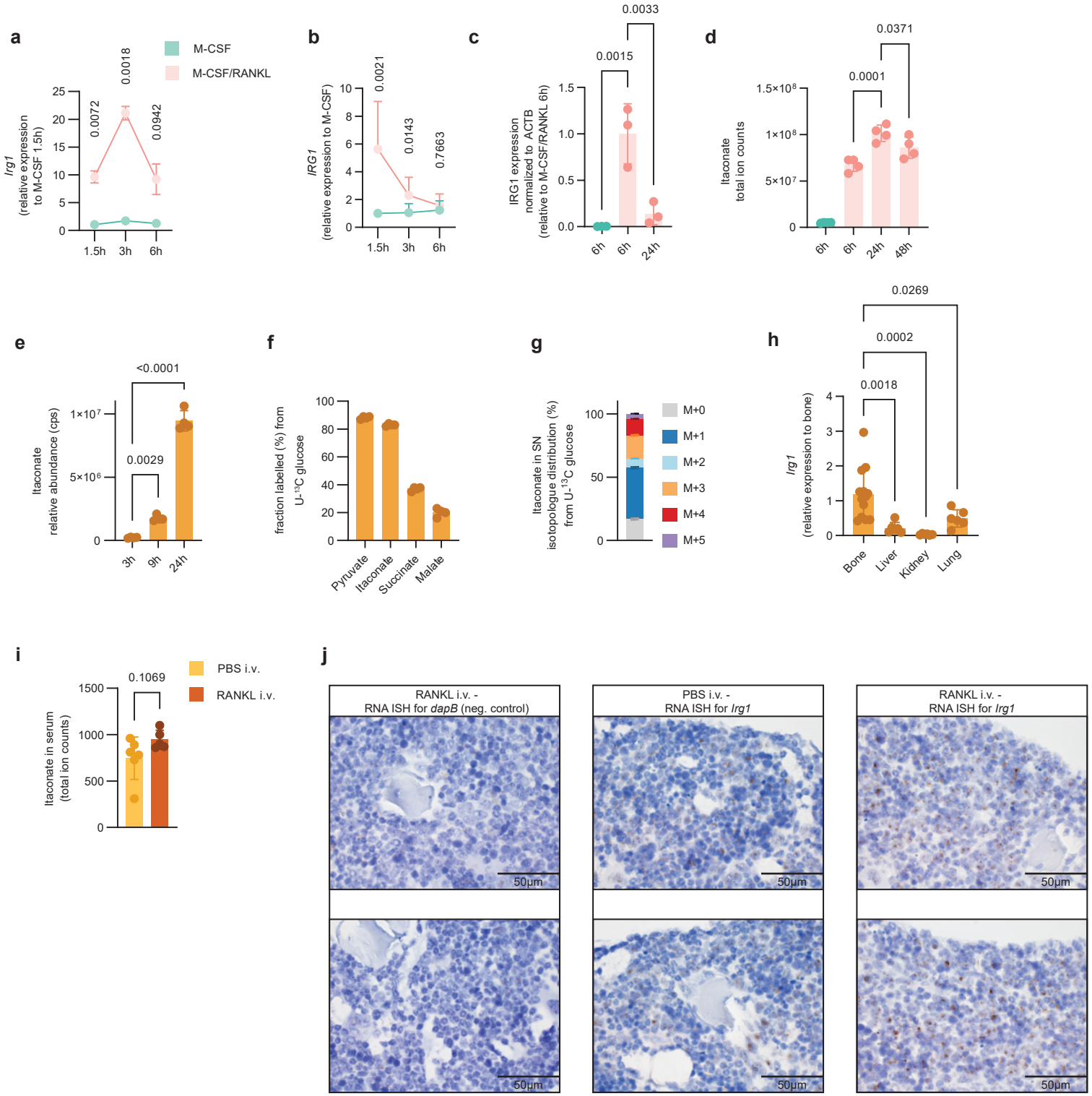
Figure S2


a
M-CSF
M-CSF/RANKL
Irg1 (relative expression to M-CSF 1.5h)
0.0072
0.0018
0.0942
1.5h
3h
6h
b
IRG1 (relative expression to M-CSF)
0.0021
0.0143
0.7663
1.5h
3h
6h
c
IRG1 expression normalized to ACTB (relative to M-CSF/RANKL 6h)
0.0015
0.0033
6h
6h
24h
d
Itaconate total ion counts
0.0001
0.0371
6h
6h
24h
48h
e
Itaconate relative abundance (cps)
0.0029
<0.0001
3h
9h
24h
f
fraction labelled (%) from U-13C glucose
Pyruvate
Itaconate
Succinate
Malate
g
Itaconate in SN isotopologue distribution (%) from U-13C glucose
M+0
M+1
M+2
M+3
M+4
M+5
h
Irg1 (relative expression to bone)
0.0018
0.0002
0.0269
Bone
Liver
Kidney
Lung
i
Itaconate in serum (total ion counts)
PBS i.v.
RANKL i.v.
0.1069
j
RANKL i.v. - RNA ISH for dapB (neg. control)
PBS i.v. - RNA ISH for Irg1
RANKL i.v. - RNA ISH for Irg1
50µm