| REAGENT or RESOURCE | SOURCE | IDENTIFIER |
|---------------------|--------|------------|
| Antibodies          |        |            |
| Anti-mouse FLAG     | Sigma-Aldrich | Cat# F3165; RRID:AB_259529 |
| Anti-mouse β-Actin  | Sigma-Aldrich | Cat# A1978; RRID:AB_476692 |
| Anti-rabbit JAK1    | Cell Signaling Technology | Cat# 3344; RRID:AB_2265054 |
| Anti-rabbit pJAK1 (Tyr1034/1035) | Cell Signaling Technology | Cat# 3331; RRID:AB_2265057 |
| Anti-rabbit JAK2    | Cell Signaling Technology | Cat# 3230; RRID:AB_2128522 |
| Anti-rabbit pJAK2 (Tyr1007) | Cell Signaling Technology | Cat# 4406; RRID:AB_10706164 |
| Anti-rabbit HA      | Cell Signaling Technology | Cat# 3724; RRID:AB_1549585 |
| Anti-rabbit IκBα    | Cell Signaling Technology | Cat# 9242; RRID:AB_331623 |
| Anti-rabbit pIκBα (Ser32) | Cell Signaling Technology | Cat# 2859; RRID:AB_561111 |
| Anti-rabbit pSTAT1 (Tyr701) | Cell Signaling Technology | Cat# 7649; RRID:AB_10950970 |
| Anti-rabbit pSTAT1 (Tyr701) | Cell Signaling Technology | Cat# 9167; RRID:AB_561284 |
| Anti-rabbit pSTAT3 (Tyr705) | Cell Signaling Technology | Cat# 9145; RRID:AB_2491009 |
| Anti-rabbit pSTAT5 (Tyr694) | Cell Signaling Technology | Cat# 4322; RRID:AB_10544692 |
| Anti-rabbit STAT1   | Cell Signaling Technology | Cat# 9172; RRID:AB_2198300 |
| Anti-rabbit STAT3   | Cell Signaling Technology | Cat# 12640; RRID:AB_2629499 |
| Anti-rabbit STAT5   | Cell Signaling Technology | Cat# 25656; RRID:AB_2798908 |
| Anti-mouse MYC antibody | Proteintech | Cat# 66004-1-Ig; RRID:AB_2881489 |
| Anti-rabbit pIkBα (Ser32/Ser36) | Affinity Biosciences | Cat# AF2002; RRID:AB_2834433 |
| Anti-rabbit F4/80 antibody | Proteintech | Cat# 28463-1-AP; RRID:AB_2881149 |
| Anti-rabbit EEA1 antibody | Abcam | Cat# ab109110 |
| RRID:AB_10863524 | Anti-rabbit LAMP1 antibody | Abcam | Cat# ab208943; RRID:AB_2134489 |
|-------------------|---------------------------|-------|-------------------------------|
| RRID:AB_2134489  | CoraLite 594 conjugated Goat Anti-mouse | Proteintech | Cat# SA00013-3; RRID:AB_2797133 |
| RRID:AB_2810984  | Goat Anti-rabbit | Proteintech | Cat# SA00013-4; RRID:AB_2810984 |
| RRID:AB_17012-82 | Anti-mouse CD11b-APC | Thermo Fisher Scientific | Cat# 17-0112-82; RRID:AB_469343 |
| RRID:AB_2637192  | Anti-mouse F4/80-FITC | Thermo Fisher Scientific | Cat# 11-4801-85; RRID:AB_2637192 |
| RRID:AB_1574973  | Anti-mouse CD16/32 | Biolegend | Cat# 101319; RRID:AB_1574973 |
| RRID:AB_313777   | Anti-mouse CD11c-PE | Biolegend | Cat# 117308; RRID:AB_313777 |
| RRID:AB_141716   | Anti-mouse CD206-PerCP/Cy5.5 | Biolegend | Cat# 141716; RRID:AB_2561992 |
| RRID:AB_1107694  | InVivoMab anti-mouse IFNγ | BioXcell | Cat# BE0055; RRID:AB_1107694 |
| RRID:AB_1107757  | InVivoMab mouse IgG1 isotype control | BioXcell | Cat# BE0083; RRID:AB_1107757 |

### Bacterial strains and plasmid

| E. coli BL21 | Merck-Millipoe | Cat# 203790 |
|-------------|----------------|------------|
| E. coli DH5α | Lab stored | N/A |
| pET-28a (+) | Lab stored | N/A |
| pET-28a (+)-3×FLAG-CNFI | This paper | N/A |
| pET-28a (+)-3×FLAG-N1 | This paper | N/A |
| pET-28a (+)-3×FLAG-N2 | This paper | N/A |
| pET-28a (+)-3×FLAG-C1 | This paper | N/A |
| pET-28a (+)-3×FLAG-C2 | This paper | N/A |
| pLVX-IRES-Hyg | Lab stored | N/A |
| pLVX-IRES-Hyg-6×MYC-JAK1 | This paper | N/A |
| pLVX-IRES-Hyg-6×MYC-JAK1 1-420 | This paper | N/A |
| pLVX-IRES-Hyg-6×MYC-JAK1 1-544 | This paper | N/A |
| pLVX-IRES-Hyg-6×MYC-JAK1 1-855 | This paper | N/A |
| pLVX-IRES-Hyg-6×MYC-JAK1 420-1154 | This paper | N/A |
| Vector Name                        | Description                  | Source       | Cat#       |
|-----------------------------------|------------------------------|--------------|------------|
| pLVX-IRES-Hyg-6×MYC-JAK1          | This paper                   | N/A          |
| pLVX-IRES-Hyg-6×MYC-JAK1          | This paper                   | N/A          |
| pLVX-IRES-Hyg-6×MYC-JAK2          | This paper                   | N/A          |
| pLVX-EF1u-IRES-Puro               | Lab stored                   | N/A          |
| pLVX-EF1u-IRES-Puro-HA-JAK1       | This paper                   | N/A          |
| pLVX-EF1u-IRES-Puro-HA-JAK2       | This paper                   | N/A          |
| pSAPX2                            | Lab stored                   | N/A          |
| pMD2.G                            | Lab stored                   | N/A          |
| pGEX6P1-mCherry                   | Professor Yupeng Chen’s lab  | N/A          |
| pGEX6P1-mCherry-JAK1              | This paper                   | N/A          |
| pGEX6P1-mCherry-CNFl              | This paper                   | N/A          |
| pGEX6P1-mCherry-N1                | This paper                   | N/A          |
| pGEX6P1-mCherry-N2                | This paper                   | N/A          |
| pGEX6P1-mCherry-CNFl<sup>190-720, IDR6</sup> | This paper | N/A          |
| pGEX6P1-mCherry-CNFl<sup>IDR6</sup> | This paper                   | N/A          |
| pGEX6P1-GFP                       | Professor Yupeng Chen’s lab  | N/A          |
| pGEX6P1-GFP-CNFl                  | This paper                   | N/A          |
| pGEX6P1-GFP-N1                    | This paper                   | N/A          |
| pGEX6P1-GFP-N2                    | This paper                   | N/A          |
| pcDNA3-GFP                        | Professor Yupeng Chen’s lab  | N/A          |
| pcDNA3-GFP-JAK1                   | This paper                   | N/A          |
| pmCherry-C1                       | Professor Yupeng Chen’s lab  | N/A          |
| pmCherry-C1-JAK2                  | This paper                   | N/A          |

### Chemicals, Peptides, and Recombinant Proteins

| Chemical/Protein                  | Supplier            | Cat#       |
|-----------------------------------|---------------------|------------|
| Ampicillin sodium                 | Sangon Biotech      | 69-52-3    |
| Kanamycin sulfate                 | Sangon Biotech      | 25389-94-0 |
| PBS                               | Solarbio            | P1020      |
| DMSO                              | Solarbio            | D8372      |
| 4% Paraformaldehyde               | Solarbio            | P110       |
| Triton X-100                      | Solarbio            | T8200      |
| Item                                      | Supplier  | Catalog Number |
|-------------------------------------------|-----------|----------------|
| DAPI                                      | Solarbio  | Cat# C0060     |
| Benzonase                                 | HaiGene   | Cat# C2001     |
| FastDigest NotI                           | Thermo Fisher Scientific | Cat#FD0594   |
| FastDigest KpnI                           | Thermo Fisher Scientific | Cat#FD0524   |
| FastDigest SmaI                           | Thermo Fisher Scientific | Cat#FD0663   |
| Protein A/G agarose                       | Thermo Fisher Scientific | Cat#20241    |
| HRV 3C Protease                           | Thermo Fisher Scientific | Cat#88946    |
| Polyethylene glycol, molecular weight 8000 | Sigma-Aldrich | Cat#P5413    |
| 1, 6-Hexanediol                           | Sigma-Aldrich | Cat#H11807   |
| Phorbol 12-myristate 13-acetate           | Sigma-Aldrich | Cat#P8139    |
| Lysozyme                                  | Sigma-Aldrich | Cat#L6876    |
| DNAseI                                    | New England Biolabs | Cat#M0303    |
| ProteinShow-G250 Protein Stain Reagent    | CWBio     | Cat#CW0023S    |
| T4 DNA Ligase                             | New England Biolabs | Cat#M0202S    |
| Q5 High-Fidelity DNA Polymerase           | New England Biolabs | Cat#M0491V    |
| 3x FLAG Peptide                           | Sigma-Aldrich | Cat#F4799    |
| Anti-c-Myc Agarose Affinity Gel antibody produced in rabbit | Sigma-Aldrich | Cat#A7470    |
| c-Myc Peptides                            | Sigma-Aldrich | Cat#M2435    |
| Anti-FLAG(R) M2 Affinity Gel              | Sigma-Aldrich | Cat# A2220   |
| Collagenase IV                            | Sigma-Aldrich | Cat# C5138   |
| Ni-NTA Purification System                | GenScript  | Cat#L00250     |
| Glutathione Sepharose 4B                  | Cytiva     | Cat#17075601   |
| Complete mini-EDTA-free protease inhibitor cocktail tablets | Roche | Cat#11697498001 |
| Kinase buffer                             | Cell Signaling Technology | Cat#9802S |
| ATP                                       | Cell Signaling Technology | Cat#9804S |
| Clodronate liposomes                      | Target Technology | Cat#CP-005-005 |
| Bay 11-7085                                | MedChem   | Cat#HY-10257   |
| Compound                  | Manufacturer          | Catalog Number |
|---------------------------|-----------------------|----------------|
| Fludarabine               | MedChem Express       | Cat#HY-10257   |
| AZD-1480                  | MedChem Express       | Cat#HY-10193   |
| CCG-1423                  | MedChem Express       | Cat#HY-13991   |
| ML141                     | MedChem Express       | Cat#HY-12755   |
| EHT 1864                  | MedChem Express       | Cat#HY-16659   |
| SB 203580                 | MedChem Express       | Cat#HY-10256   |
| JNK-IN-8                  | MedChem Express       | Cat#HY-13319   |
| SCH772984                 | MedChem Express       | Cat#HY-13319   |
| Murine macrophage colony-stimulating factor | PeproTech            | Cat# 315-02-50UG |

**Critical Commercial Assays**

- HiFiScript cDNA Synthesis Kit: CWBio Cat# CW2569M
- Ultra SYBR Mixture: CWBio Cat# CW0957M
- Mouse TNFα ELISA kit: Neobioscience Cat#EMC102a.96
- Mouse IL-12 ELISA kit: Neobioscience Cat#EMC006.96
- Mouse IL-1β ELISA kit: Neobioscience Cat#EMC001b.96
- Mouse IL-6 ELISA kit: Neobioscience Cat#EMC004.96
- Silver staining kit: Thermo Fisher Scientific Cat#24612
- BCA Protein Assay Kit: Thermo Fisher Scientific Cat#23225
- Total RNA Extraction Kit: Solarbio Cat#R1200
- EndoFree Maxi Plasmid Kit: TIANGEN Cat#DP117
- Gel Extraction Kit: CWBio Cat#CW2302M
- EndoFree Plasmid Midi Kit: CWBio Cat#CW2105S

**Deposited Data**

- RNA-Seq: This paper GEO: GSE184193

**Experimental Models: Organisms/Strains**

- C57BL/6J mouse: Academy of Military Medical Science (China) N/A
| Oligonucleotides                      |                  |                  |                  |
|--------------------------------------|------------------|------------------|------------------|
| β-actin F: GGCTGTATTCCCCCTCCATCG      | Sangon Biotech   | Custom made      |                  |
| β-actin R: CCAATGGCTAACAATGCCTATG     | Sangon Biotech   | Custom made      |                  |
| Pparg F: TCGCTGATGCACTGCCTATG        | Sangon Biotech   | Custom made      |                  |
| Pparg R: GAGAGGTCACAGAGCTGATT        | Sangon Biotech   | Custom made      |                  |
| Ym-1 F: CAGGTCGTGCAATCTTTCTGAA        | Sangon Biotech   | Custom made      |                  |
| Ym-1 R: GTCTTGCATGTGTAAGTGTA          | Sangon Biotech   | Custom made      |                  |
| Arg1 F: TCACCTGAGCTTTGTGTCG          | Sangon Biotech   | Custom made      |                  |
| Arg1 R: CTGAAGGAGGCCCTGTCTTG         | Sangon Biotech   | Custom made      |                  |
| IL-10 F: CACCTACTTTCCCCGACCAACC      | Sangon Biotech   | Custom made      |                  |
| IL-10 R: TCAGCAAGACTCTACCGAAC         | Sangon Biotech   | Custom made      |                  |
| TGF-β F: CAATTCCTGGCGATACCTCAG        | Sangon Biotech   | Custom made      |                  |
| TGF-β R: GCACAACTCTGGGTGACATCAA       | Sangon Biotech   | Custom made      |                  |
| IL-6 F: TAGTTCCTTCTACCCCAATTTC       | Sangon Biotech   | Custom made      |                  |
| IL-6 R: TTGGTCTTACGCCACTCTTCT         | Sangon Biotech   | Custom made      |                  |
| iNos F: GTTTCTACGCCCAAAATACAAAGA     | Sangon Biotech   | Custom made      |                  |
| iNos R: GTGGACGGGTGATGTCAC           | Sangon Biotech   | Custom made      |                  |
| TNFα F: CCCCTCAACACTCAAGTCACTTCT     | Sangon Biotech   | Custom made      |                  |
| TNFα R: GCTACGACGTTGGCTACAG          | Sangon Biotech   | Custom made      |                  |
| IL-12 F: TGTTTTGCCATGTTTTGTG         | Sangon Biotech   | Custom made      |                  |
| IL-12 R: ACAGGTTGAGGTCTACTTCTTCT     | Sangon Biotech   | Custom made      |                  |
| IL-1β F: GCAACTGTCTCCTGAAACTCAACT    | Sangon Biotech   | Custom made      |                  |
| IL-1β R: ATCTTTTGGGTTGCCGTAACCT      | Sangon Biotech   | Custom made      |                  |
| IL-1β R: ATCTTTTGGGTTGCCGTAACCT      | Sangon Biotech   | Custom made      |                  |
| Cloning CNF1, N1 and N2 into PET-28a(+)3xFLAG F: CGGGATCCATGGTAAACCAATGGGCAACAAAAA | Sangon Biotech   | Custom made      |                  |
| Cloning C2 into pET-28a(+)3xFLAG F: CGGGATCCATGGTAAACCAATGGGCAACAAAAA | Sangon Biotech   | Custom made      |                  |
| Cloning C1 into pET-28a(+)3xFLAG F: CGGGATCCATGGTAAACCAATGGGCAACAAAAA | Sangon Biotech   | Custom made      |                  |
| Cloning CNF1, C1 and C2 into PET-28a(+)3xFLAG R: ATAAAGATGCGGCGGCTCTGATTTTGTGTCGTCATC | Sangon Biotech   | Custom made      |                  |
| Cloning N1 into pET-28a(+)3xFLAG R: CCGGATCCCTGCGATTTAAGGCCGTCGATGGA | Sangon Biotech   | Custom made      |                  |
| Cloning | Description | Vendor | Note |
|---------|-------------|--------|------|
| Cloning N2 into pET-28a(+)-3×FLAG R: CGGGATCCATCTTTCCTAAATATCGTAG | Sangon Biotech | Custom made |
| Cloning JAK1 855-1154 into pLVX-IRES-Hyg-6×MYC F: CCGCTCGAGATTATTGTTGCAGAAAAA| Sangon Biotech | Custom made |
| Cloning JAK1 544-1154 into pLVX-IRES-Hyg-6×MYC F: CCGCTCGAGATTATTGTTGCAGAAAAA| Sangon Biotech | Custom made |
| Cloning JAK1 420-1154 into pLVX-IRES-Hyg-6×MYC F: CCGCTCGAGATTATTGTTGCAGAAAAA| Sangon Biotech | Custom made |
| Cloning JAK1, JAK1 1-420, JAK1 1-544 and JAK1 1-855 into pLVX-IRES-Hyg-6×MYC F: CCGCTCGAGATTATTGTTGCAGAAAAA | Sangon Biotech | Custom made |
| Cloning JAK1, JAK1 20-1154, JAK1 544-1154 and JAK1 855-1154 into pLVX-IRES-Hyg-6×MYC R: ATAAGAATGCGGCCGCTTTAATATTAAATGGCGTTCGAT | Sangon Biotech | Custom made |
| Cloning JAK1 1-420 into pLVX-IRES-Hyg-6×MYC R: ATAAGAATGCGGCCGCTTTAATATTAAATGGCGTTCGAT | Sangon Biotech | Custom made |
| Cloning JAK1 1-544 into pLVX-IRES-Hyg-6×MYC R: ATAAGAATGCGGCCGCTTTAATATTAAATGGCGTTCGAT | Sangon Biotech | Custom made |
| Cloning JAK1 1-855 into pLVX-IRES-Hyg-6×MYC R: ATAAGAATGCGGCCGCTTTAATATTAAATGGCGTTCGAT | Sangon Biotech | Custom made |
| Cloning JAK2 into pLVX-IRES-Hyg-6×MYC F: AATTCTCGAGACTTAGTTACTAGAATGGGAATGGGCCGTTATTAGTG | Sangon Biotech | Custom made |
| Cloning JAK2 into pLVX-IRES-Hyg-6×MYC R: GGAGGGAGAGGGGCAGTTTTTAGCATTCCCATTC | Sangon Biotech | Custom made |
| Cloning JAK1 into pLVX-1α-IRES-Puro-HA F: ATGTACCCATACGACGTCCCAGACTACGCTCAGTACCTCTTCTAATATATATTAAAGA | Sangon Biotech | Custom made |
| Cloning JAK1 into pLVX-1α-IRES-Puro-HA F: ATGTACCCATACGACGTCCCAGACTACGCTCAGTACCTCTTCTAATATATATTAAAGA | Sangon Biotech | Custom made |
| Cloning JAK1 into pLVX-1α-IRES-Puro-HA R: GGAGGGAGAGGGGCAGTTTTTAGCATTCCCATTC | Sangon Biotech | Custom made |
| Cloning JAK2 into pLVX-1α-IRES-Puro-HA F: ATGTACCCATACGACGTCCCAGACTACGCTCAGTACCTCTTCTAATATATATTAAAGA | Sangon Biotech | Custom made |
| Cloning JAK2 into pLVX-1α-IRES-Puro-HA R: GGAGGGAGAGGGGCAGTTTTTAGCATTCCCATTC | Sangon Biotech | Custom made |
| Cloning JAK2 into pLVX-EF1α-IRES-Puro-HA R: | Sangon Biotech | Custom made |
|--------------------------------------------|----------------|-------------|
| GGAGGGAGAGGGGCGGGATCCTCATCCAGCCCATGTTATCCCTTA |                |             |

| Cloning JAK2 into pLVX-EF1α-IRES-Puro-HA F: | Sangon Biotech | Custom made |
|--------------------------------------------|----------------|-------------|
| AATTCCTCGAGACTAGTTCTAGAATGTACCCACAGAC      |                |             |

| Cloning CNF1, CNF1<sup>IDR<sub>1</sub></sup>, CNF1 1-190 and CNF1 1-720 into pGEX6P1-mCherry F: | Sangon Biotech | Custom made |
|-------------------------------------------------|----------------|-------------|
| CTGTTCAGGGGCCCTGGGATCCATGGGTAACCA               |                |             |

| Cloning CNF1, and CNF1<sup>IDR<sub>1</sub></sup> into pGEX6P1-mCherry R: | Sangon Biotech | Custom made |
|-------------------------------------------------------------------------|----------------|-------------|
| RCTCGAGTCGACCCGGGAATTCAAATTTTTTTGAAATACCTTCAA                             |                |             |

| Cloning N1 into pGEX6P1-mCherry R: | Sangon Biotech | Custom made |
|-----------------------------------|----------------|-------------|
| CTCGAGTCGACCCGGGAATTCGCGATTTAAAGCGTCATGGA                                 |                |             |

| Cloning N2 into pGEX6P1-mCherry R: | Sangon Biotech | Custom made |
|-----------------------------------|----------------|-------------|
| CTCGAGTCGACCCGGGAATTCACTTTTAAAAATCGTAG                                     |                |             |

| Cloning JAK1 into pGEX6P1-mCherry F: | Sangon Biotech | Custom made |
|-------------------------------------|----------------|-------------|
| CTGTTCAGGGGCCCTGGGATCCATGGGTAACCA   |                |             |

| Cloning JAK1 into pGEX6P1-mCherry R: | Sangon Biotech | Custom made |
|-------------------------------------|----------------|-------------|
| CTCGAGTCGACCCGGGAATTCGCGATTTAAAGCGTCATGGA                                 |                |             |

| Cloning JAK1 into pcDNA3-GFP F: | Sangon Biotech | Custom made |
|--------------------------------|----------------|-------------|
| CCGGGGTACCATGCAGTATCTAAAAATATAAAAGA                                     |                |             |

| Cloning JAK1 into pcDNA3-GFP R: | Sangon Biotech | Custom made |
|--------------------------------|----------------|-------------|
| CCGCTCGAGTCTTTTAAAAATGCTTGCTCAATC                                      |                |             |

| Cloning JAK2 into pmCherry-C1 F: | Sangon Biotech | Custom made |
|---------------------------------|----------------|-------------|
| CGAGCTCTCGGAATGGCCCTGCTTACGAT   |                |             |

| Cloning JAK2 into pmCherry-C1 R: | Sangon Biotech | Custom made |
|---------------------------------|----------------|-------------|
| ACGCGTCTGACACTATCCAGCAGTATATCTCATCCCTTA |                |             |

| Cloning CNF1 and CNF1<sup>IDR<sub>1</sub></sup> into pGEX6P1-mCherry R | Sangon Biotech | Custom made |
|--------------------------------------------------------------------------|----------------|-------------|
| RCTCGAGTCGACCCGGGAATTCAAATTTTTTTGAAATACCTTCAA                             |                |             |

| Cloning CNF1 1-190 into pGEX6P1-mCherry R | Sangon Biotech | Custom made |
|------------------------------------------|----------------|-------------|
| CTCGAGTCGACCCGGGAATTCGCGATTTAAAGCGTCATGGA |                |             |

| Cloning CNF1 1-720 into pGEX6P1-mCherry R | Sangon Biotech | Custom made |
|------------------------------------------|----------------|-------------|
| CTCGAGTCGACCCGGGAATTCGCGATTTTTTAAAAATACGTAG |                |             |
Cloning CNF1, 1-190 and CNF1 1-720 into pGEX6P1-GFP F
CTGGTCCAGGGGCCCTGGGATCCATGGGTAACCAATGGCAACAAAA
Sangon Biotech Custom made

Cloning CNF1 into pGEX6P1-GFP R
CTCCTCGCCCTTGCTCACCATGAATTCGCGATTTAAGGCGTTCATGGA
Sangon Biotech Custom made

Cloning CNF1 1-190 into pGEX6P1-GFP R
CTCCTCGCCCTTGCTCACCATGAATTCAAATTTTTTGAAAATATCGTAG
Sangon Biotech Custom made

Cloning CNF1 1-720 into pGEX6P1-GFP R
CTCCTCGCCCTTGCTCACCATGAATTCACTTTCTTTAAAATATCGTAG
Sangon Biotech Custom made

Cloning CNF1 190-720 and CNF1 190-720, IDRs into pGEX6P1-mCherry F
CTGTTCCAGGGGCCCTGGGATCCATGCGCAGTGATAATTATCACTA
Sangon Biotech Custom made

Cloning CNF1 190-720 and CNF1 190-720, IDRs into pGEX6P1-mCherry R
CTCGAGTCGACCCGGGAATTCACTTTCTTTAAAATATCGTAG
Sangon Biotech Custom made

Software and Algorithms

| Software | Website | RRID |
|----------|---------|------|
| FlowJo10.4 | https://www.flowjo.com | RRID:SCR_008520 |
| Prism 6 | https://www.graphpad.com/ | RRID:SCR_002798 |
| ImageJ | https://www.imagej.net | RRID:S CR_003070 |
| Image-Pro Plus 6 | https://www.mediacy.com/ | RRID:SCR_016879 |