

| | NLRP3 | Mito | ASC | NLRP3-Mito | NLRP3-ASC | overlay | inset | |
|--------|---------------|---------------|-------------------|------------------|-------------------|------------|------------|-----------|
| wт | <u>25 um.</u> | <u>25 um.</u> | <u>25 um</u> | 25 um | 25 um. | C 25 um | Sum | |
| ∆ 2-3 | | 25 um. | ۱ <u>25 um</u> | 25 um. | * <u>25 um</u> | 25 um | 5.um | |
| Δ 2-5 | 25 um. | 25 um | - <u>25 um</u> | <u>25 um</u> | • 25 um. | 2 25 um | 1 5.um | 2 5.um |
| Δ 2-7 | 25 um. | 25 um. | <u>25 um</u> | 25 um. | 25 um. | 25 um | <u>Sum</u> | |
| Δ 2-9 | 25 um | _25 um | .25 um | _25 um | <u>.25 um</u> | 25 um | 5.um | |
| Δ 2-11 | <u>25 um.</u> | 25 um. | <u>25 um.</u> | <u>25 um</u> . | <u>25 um</u> | 25 um | Sum 4 | |
| ∆ 2-21 | _25 um. | <u>25 um.</u> | <u>25 um</u> | _ <u>25 um</u> _ | <u>_25 um</u> | 25 um | 5.um | |

Colocalization





Supplemental Figure





Supplemental Figure Click here to download Supplemental Figure: Subramanian et al Figure S7.pdf

Cytosol

Plasma membrane DAMPS / other activators ASC NLRP3 NLRP3 (inactive) (active) Pro-caspase1 (1) (2) NLRP3 oligomers (3) (4) Active IL-1 β Active Inflammasome Caspase1 (5) Pro IL-1β

Mitochondria Active Caspase1 NLRP3 ASC Pro IL-1β MAVS Active IL-1 β Pro-caspase1 •