**S2 Table.** **Statistics to support Fig 3C.**

Percentage of AOC.1 labeling associated to TM in chloroplasts. Gold particles were counted from 4 random chloroplast profiles.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Gold particles | | Percentage | Mean percentage | Relative percentage | Error | P Value *(t* test) |
| Thylakoid | Total |
| TRV:00 | 66 | 94 | 0.70213 | 0.74961 | 1.00000 | 0.04420 | 0.00052 |
| 49 | 65 | 0.75385 |
| 39 | 51 | 0.76471 |
| 42 | 54 | 0.77778 |
| TRV:cpSRP54 | 13 | 45 | 0.28889 | 0.23938 | 0.31933 | 0.06927 |
| 13 | 56 | 0.23214 |
| 20 | 75 | 0.26667 |
| 9 | 53 | 0.16981 |