**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  |