

Supplemental Table S4: Summary of molecular simulations performed in this work.

| System | Size in atoms | Runs |
|---|----------------------|-------------|
| PATL2-CTN-SEC14-GOLD | 130,581 | 1 × 500 ns |
| PATL2-CTN-SEC14 | 72,319 | 1 × 500 ns |
| PATL2-CTN-SEC14-GOLD with α -tocopherol | ~130,000 | 17 × 100 ns |
| PATL2-CTN-SEC14 with α -tocopherol | ~71,000 | 10 × 100 ns |
| Total simulation time | | 3700 ns |

CRAL-TRIO-N-terminal extension, CTN; Golgi dynamics, GOLD; SEC14, SEC14.