**Supplementary Table 6: Statistics of the vascular bundle length in *G. bachemiana.*** Vascular bundle (VB) length is measured for 10 helical loops (µm). Significant differences between the steady (S), unreleased (U), and released (R) states were calculated with a Mann-Whitney-U-Test; P ≤ 0.005 (bold); abbreviations according to Tab. S3.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |
|  | **State** | **N** | **Mean** | **se** | **K-S-Test** | **Sig.** | **Tested groups** | **df** | **U-Test** |
| Upper VBs | S | 114 | 45.47 | 1.04 | 0.145 | **0.000** | S / U | 114/77 | **U = 3001; P = 0.000** |
|  | U | 77 | 53.72 | 2.05 | 0.220 | **0.000** | U / R | 77/52 | U = 1668; P = 0.109 |
|  | R | 52 | 48.29 | 1.41 | 0.146 | **0.007** | R / S | 52/114 | **U = 2279; P = 0.017** |
| Lower VB | S | 143 | 51.86 | 0.90 | 0.129 | **0.000** | S / U | 143/150 | **U = 8849; P = 0.010** |
|  | U | 150 | 55.99 | 1.15 | 0.186 | **0.000** | U / R | 150/101 | **U = 3571; P = 0.000** |
|  | R | 101 | 68.46 | 1.64 | 0.119 | **0.001** | R / S | 101/143 | **U = 2539; P = 0.000** |
|  |  |  |  |  |  |  |  |  |  |