

## **Supplementary Information for**

**Genome Formula Changes During Whitefly Transmission of Two Bipartite Cassava**

**Mosaic Begomoviruses**

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**This PDF file includes:**

Table S1

**Supplemental Table S1****Table S1. Regression parameter estimates: Relationship of viral genomic segment titer ( $\log_{10}$  copy number) in transmitting whiteflies and probability of transmission of that segment to sucrose sachets and leaf discs.**

| <b>Sucrose sachet</b> |               |                 |                  |           |                |                   |
|-----------------------|---------------|-----------------|------------------|-----------|----------------|-------------------|
| <b>Viral segment</b>  | <b>Effect</b> | <b>Estimate</b> | <b>St. Error</b> | <b>DF</b> | <b>t Value</b> | <b>Prob.&gt;t</b> |
| ACMCV DNA-A           | Intercept     | -3.6312         | 1.2642           | 1         | -2.87          | 0.2133            |
|                       | Titer         | 1.5967          | 0.4131           | 70        | 3.85           | 0.0003            |
| ACMV DNA-B            | Intercept     | -5.0888         | 2.1241           | 1         | -2.4           | 0.2517            |
|                       | Titer         | 2.5343          | 0.6515           | 69        | 3.89           | 0.0002            |
| EACMCV DNA-A          | Intercept     | -3.4852         | 1.036            | 1         | -3.36          | 0.1839            |
|                       | Titer         | 2.1186          | 0.4453           | 82        | 4.76           | <0.0001           |
| EACMCV DNA-B          | Intercept     | -4.921          | 1.5553           | 1         | -3.16          | 0.1949            |
|                       | Titer         | 2.1737          | 0.5194           | 74        | 4.19           | <0.0001           |
| <b>Leaf disc</b>      |               |                 |                  |           |                |                   |
| ACMV DNA-A            | Intercept     | -2.1668         | 0.864            | 1         | -2.51          | 0.2416            |
|                       | Titer         | 1.0922          | 0.3028           | 55        | 3.61           | 0.0007            |
| ACMV DNA-B            | Intercept     | -3.2201         | 0.8253           | 1         | -3.90          | 0.1597            |
|                       | Titer         | 1.2335          | 0.3301           | 57        | 3.74           | 0.0004            |
| EACMCV DNA-A          | Intercept     | -5.7085         | 2.9026           | 1         | -1.97          | 0.2995            |
|                       | Titer         | 2.2180          | 1.0588           | 38        | 2.09           | 0.0429            |
| EACMCV DNA-B          | Intercept     | -3.2305         | 1.116            | 1         | -2.89          | 0.2118            |
|                       | Titer         | 1.5232          | 0.4868           | 49        | 3.13           | 0.0030            |