**Table S2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Treatment group | Inflorescence name | Oil palm tree | Name of pistil samples collected at | Parthenocarpy degree |
| Day 1  | Day 2  | Day 3  |
| Auxin treated on DAP = 0 | Inflo.1T | C2-21 | x | / | // | 100% seedless fruits |
| Inflo.1T/NA | Inflo.1T/WA  |
| Inflo.1C  | C2-21 | x | x | x | 100% seeded fruits |
| NS | Inflo.1C/NA |
| Auxin treated on DAP = 1 | Inflo.6T | C2-19 | x | / | // | 50% seedless fruits |
| NS | Inflo.6T/WA |
| Inflo.4T | C1-18 | x | / | // | 90% seedless fruits |
| NS | Inflo.4T/WA |
| Inflo.2C | C1-16 | x | x | x | 100% seeded fruits |
| Inflo.2C/NA1 | Inflo.2C/NA2 |
| Inflo.4C | C2-22 | x | x | x | 100% seeded fruits |
| NS | Inflo.4C/NA |