|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **mAb** | **Viral**  **Serotype** | **Number of**  **blood meals** | **Percentage of infected mosquitoes**  **(Total number of mosquitoes tested)** | | | **OR**  **(95% CI)** | ***P*** |
| **PC** | **mAb** | **NC** |
| 747(4)B7 | DENV-1 | 20 | 3 (162) | 2 (179) | 86 (170) | 0.00 (0.00-0.01) | **<0.001** |
| DENV-2 | 3 | 0 (30) | 63 (30) | 97 (37) | NAa | NAa |
| DENV-3 | 0 | NA | NA | NA | NA | NA |
| DENV-4 | 6 | 6 (51) | 20 (55) | 76 (75) | 0.07 (0.03-0.20) | **<0.001** |
| 753(3)C10 | DENV-1 | 21 | 3 (170) | 4 (187) | 87 (180) | 0.00 (0.00-0.01) | **<0.001** |
| DENV-2 | 3 | 0 (30) | 90 (30) | 97 (37) | NAa | NAa |
| DENV-3 | 0 | NA | NA | NA | NA | NA |
| DENV-4 | 6 | 6 (51) | 2 (59) | 76 (75) | 0.00 (0.00-0.03) | **<0.001** |

aAll blood meals were positive with patients’ DENV-reactive IgG, so the model failed.