

Table S1; Sequencing results, sequence separation and quality trimming

| ID | Mosquito species (pool size) | Country of origin | Latitude | Longitude | Description | date | raw read pairs | trimmed reads | assembled reads (% of trimmed) | average bp/contig | BlastN | | |
|----------------|-----------------------------------|-------------------|--|------------|-----------------------|----------|----------------|---------------|--------------------------------|-------------------|----------------|---|----------|
| | | | | | | | | | | | contigs >500bp | contigs matched database entries (% of trimmed) | |
| C.pip.cl_AUT_1 | <i>Culex pipiens</i> complex (50) | Austria | 48.215766 | 16.413106 | casern, semi rural | 04.08.16 | 3.66E+06 | 5.16E+06 | 4.02E+06 (78) | 1,207 | 828 | 648 (78) | |
| C.pip.cl_AUT_2 | | Austria | 48.29397 | 16.419941 | cortyard, urban | 17.08.16 | 1.41E+07 | 2.14E+07 | 4.14E+06 (19) | 621 | 6.564 | 4688 (71) | |
| C.pip.cl_BRB | | Barbados | 13.269393 | -59.624603 | private garden, rural | 31.10.16 | 2.00E+06 | 2.69E+06 | 2.33E+06 (87) | 1,090 | 812 | 677 (83) | |
| Ae.ae_BRB | <i>Aedes aegypti</i> (27) | Barbados | as reported previously in Thannesberger et.al. 2019 (18) | | | | | 2.06E+06 | 3.34E+06 | 2.43E+06 (73) | 2.214 | 162 | 107 (66) |