

Stable Transmission of *Dirofilaria repens* Nematodes, Northern Germany

Technical Appendix

Technical Appendix Table. PCR analyses of mosquitoes from various federal states of Germany for the presence of filarial DNA

| Federal State | No. mosquitoes analyzed | No. pools analyzed | No. (%) pools positive for filarial DNA* | No. (%) pools positive for <i>Dirofilaria repens</i> DNA† |
|----------------------------|-------------------------|--------------------|--|---|
| Baden-Wuerttemberg | 19,007 | 1,231 | 215 (17.5) | 0 |
| Bavaria | 6,555 | 358 | 99 (27.7) | 0 |
| Brandenburg | 3,124 | 145 | 18 (12.4) | 4 (2.8) |
| Hesse | 743 | 45 | 15 (33.3) | 0 |
| Mecklenburg–West Pomerania | 17,271 | 746 | 35 (4.6) | 0 |
| Rhineland-Palatinate | 25,208 | 1,377 | 625 (45.4) | 0 |
| Saxony-Anhalt | 1,333 | 71 | 22 (31.0) | 0 |
| Schleswig-Holstein/Hamburg | 1,306 | 140 | 21 (15.0) | 0 |
| Total | 74,547 | 4,113 | 1,050 (25.5) | 4 (0.1) |

*PCR was performed according to (1).

†PCR was performed by using primers 5'-GAGATGGCGTTTCCTCGTG-3' and 5'-GACCATCAACACTTAAAG-3'.

Reference

1. Czajka C, Becker N, Poppert S, Jöst H, Schmidt-Chanasit J, Krueger A. Molecular detection of *Setaria tundra* (Nematoda: Filarioidea) and an unidentified filarial species in mosquitoes in Germany. Parasit Vectors. 2012;5:14. [PubMed http://dx.doi.org/10.1186/1756-3305-5-14](http://dx.doi.org/10.1186/1756-3305-5-14)