Direct detection and differentiation of pathogenic *Leptospira* species using a multi-gene targeted real time PCR approach

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Supporting Information

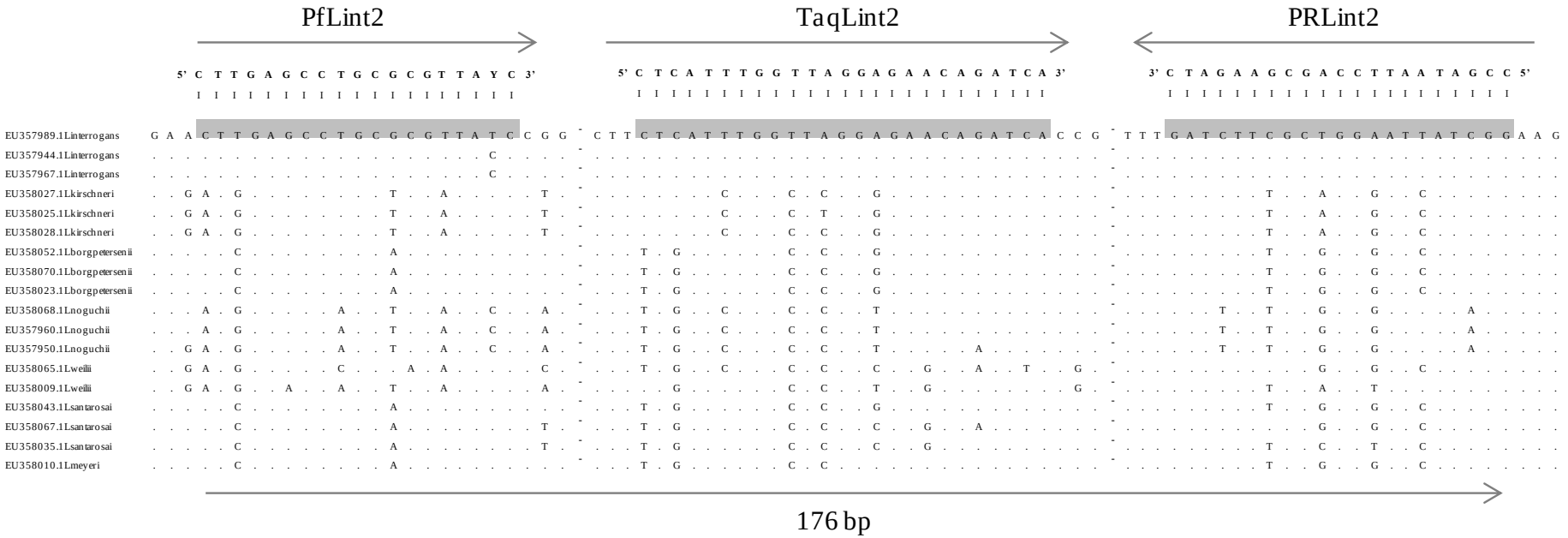

Figure S1. **Complementary targets of the species-specific *Leptospira interrogans* probe and respective flanking primers.** Partial alignment of *secY* gene sequences of representative *Leptospira* species showing the complementary targets of the probes TaqLint2 (and respective flanking primers PFLint2 and PRLint2). Mismatches in sequences are highlighted. The GenBank access numbers from which the partial sequences were retrieved are indicated for each species.

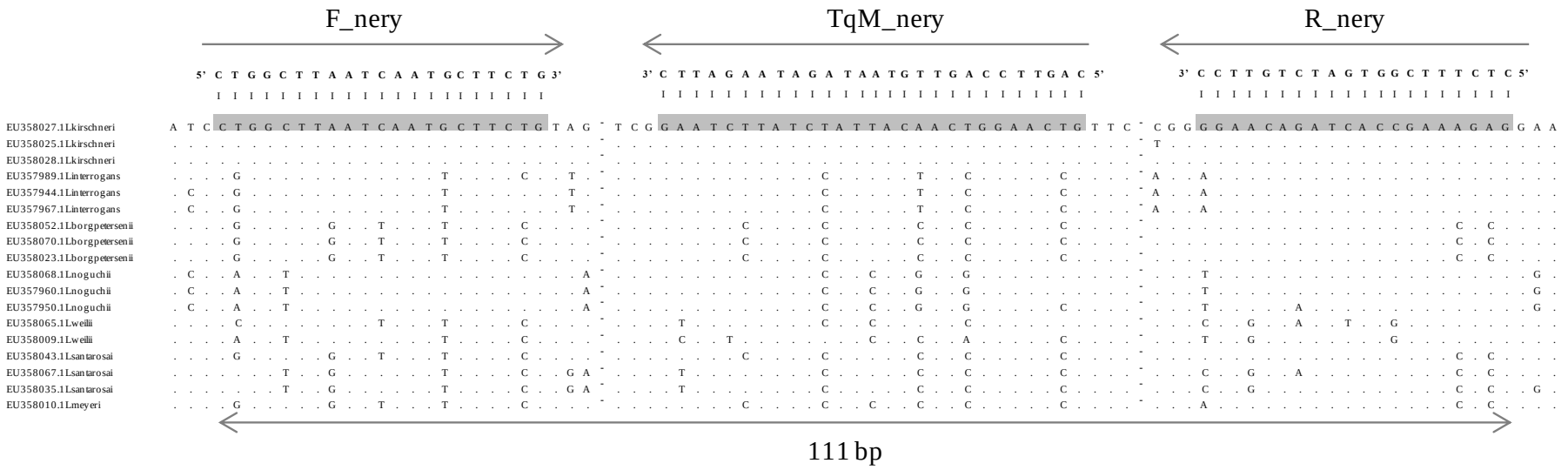

Figure S2. **Complementary targets of the species-specific *Leptospira kirschneri* probe and respective flanking primers.** Partial alignment of *secY* gene sequences of representative *Leptospira* species showing the complementary targets of the probe TqM_nery (and respective flanking primers F_nery and R_nery). Mismatches in sequences are highlighted. The GenBank access numbers from which the partial sequences were retrieved are indicated for each species.

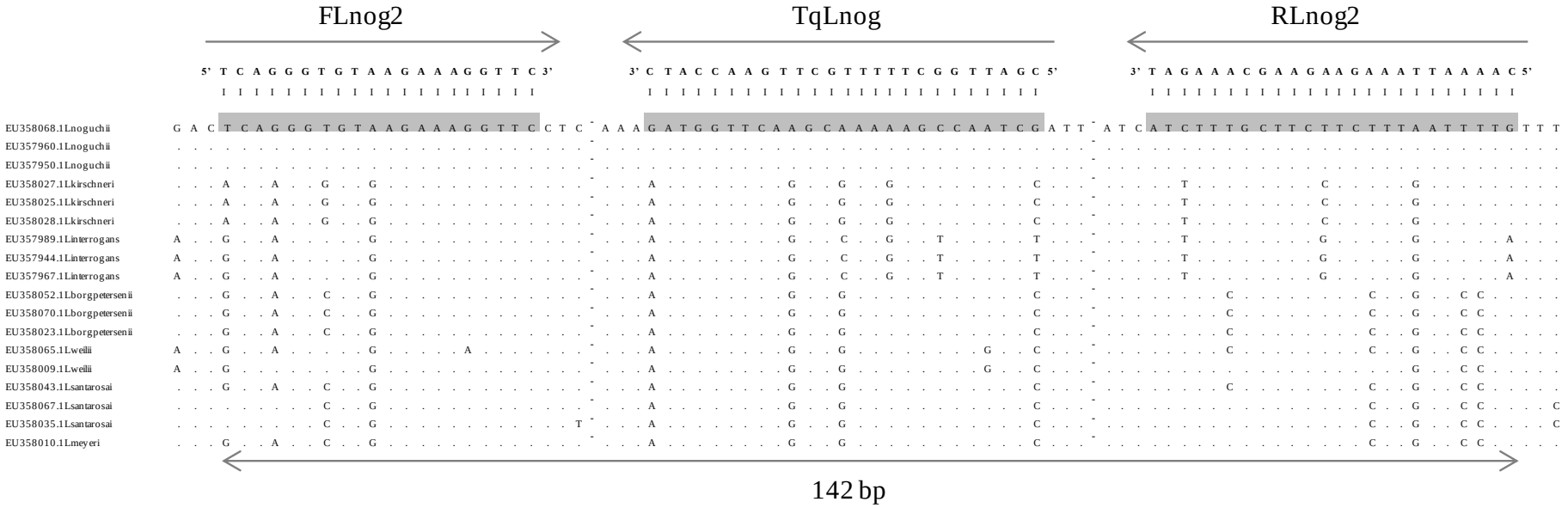

Figure S3. **Complementary targets of the species-specific *Leptospira noguchii* probe and respective flanking primers.** Partial alignment of *secY* gene sequences of representative *Leptospira* species showing the complementary targets of the probe TaqLnog (and respective flanking primers FLnog2 and RLnog2). Mismatches in sequences are highlighted. The GenBank access numbers from which the partial sequences were retrieved are indicated for each species.

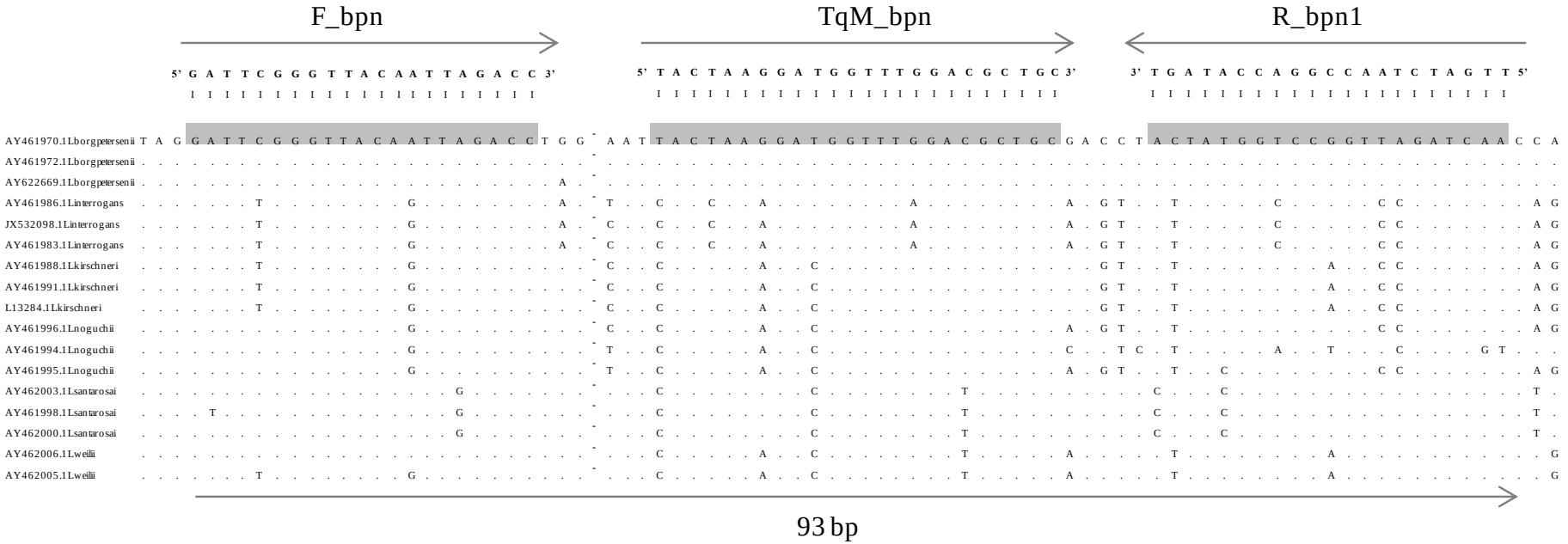

Figure S4. **Complementary targets of the species-specific *Leptospira borgpetersenii* probe and respective flanking primers.** Partial alignment of *ompL1* gene sequences of representative *Leptospira* species showing the complementary targets of the probe TqM_bpn (and respective flanking primers F_bpn and R_bpn1). Mismatches in sequences are highlighted. The GenBank access numbers from which the partial sequences were retrieved are indicated for each species.