Supplementary Table S3. Antigen and antibody prevalence of feral swine kidney and serum tested for exposure to *Leptospira* *interrogans* serovars Bratislava, Canicola, Grippotyphosa, Hardjo, Icterohemorrhagiae, and Pomona with 95% confidence intervals (CI) by USA county and state.

|  |  |  |  |
| --- | --- | --- | --- |
| State (n) | County (n) | % Antigen prevalence  (95% CI) | % Antibody Prevalence (95% CI) |
| Alabama (31) | Clarke (10) | 10.0 (1.8 – 40.4) | 60.0 (31.3-83.2) |
|  | Elmore (3) | 0 (0 – 56.2) | 100 (43.9-100) |
|  | Macon (4) | 0 (0 – 49.0) | 25.0 (4.6 – 70.0) |
|  | Mobile (6) | 0 (0 – 39.0) | 50.0 (18.8-81.2) |
|  | Montgomery (2) | 0 (0 – 65.8) | 50.0 (9.5-90.6) |
|  | Sumter (6) | 0 (0 – 39.0) | 33.3 (9.7-70.0) |
| Arkansas (25) | Ashley (5) | 20.0 (3.6-62.5) | 100 (56.6-100) |
|  | Clark (1) | 0 (0 – 79.3) | 0 (0 – 79.4) |
|  | Drew (5) | 20.0 (3.6 – 62.5) | 80.0 (37.6-96.4) |
|  | Searcy (2) | 0 (0 – 65.8) | 100 (34.2-100) |
|  | Sevier (7) | 0 (0 – 35.4) | 71.4 (35.9-91.8) |
|  | Stone (3) | 0 (0 – 56.2) | 33.3 (6.2 – 79.2) |
|  | Union (2) | 0 (0 – 65.8) | 0 (0 – 65.8) |
| Arizona (15) | Mohave\* (15) | 0 (0 – 20.4) | 66.7 (41.7-84.8) |
| California (51) | Butte (2) | 0 (0 – 65.8) | 0 (0 – 65.8) |
|  | Colusa (5) | 0 (0 – 43.5) | 40.0 (11.8 – 76.9) |
|  | Contra Costa (1) | 0 (0 – 79.4) | 0 (0 – 79.4) |
|  | Kern (2) | 0 (0 – 65.8) | 100.0 (34.2 – 100.0) |
|  | Mariposa (7) | 0 (0 – 35.4) | 71.4 (35.9-91.8) |
|  | Mendocino (3) | 0 (0 – 56.2) | 33.3 (6.2 – 79.2) |
|  | Nevada (7) | 0 (0 – 35.4) | 57.1 (25.1 – 84.2) |
|  | San Luis Obispo\* (11) | 0 (0 – 25.9) | 18.2 (5.1-47.7) |
|  | Santa Clara (5) | 0 (0 – 43.5) | 100 (56.6-100) |
|  | Sonoma (6) | 0 (0 – 39.0) | 83.3 (43.7-97.0) |
|  | Sutter (2) | 0 (0 – 65.8) | 50.0 (9.5-90.6) |
| Florida (40) | Duval (1) | 0 (0 – 79.4) | 100.0 (20.7 – 100.0) |
|  | Highlands (6) | 0 (0 – 39.0) | 16.7 (3.0 – 56.4) |
|  | Hillsborough (5) | 0 (0 – 43.5) | 20.0 (3.6 – 62.5) |
|  | Lake (6) | 0 (0 – 39.0) | 16.7 (3.0 – 56.4) |
|  | Okaloosa\* (8) | 0 (0 – 32.4) | 37.5 (13.7-69.4) |
|  | Osceola\* (2) | 0 (0 – 65.8) | 50.0 (9.5-90.6) |
|  | Pasco (5) | 0 (0 – 43.5) | 20.0 (3.6-62.5) |
|  | Walton (7) | 0 (0 – 35.4) | 42.9 (15.8-75.0) |
| Georgia (25) | Baker (1) | 0 (0 – 79.4) | 100.0 (20.7 – 100.0) |
|  | Chatham (6) | 0 (0 – 39.0) | 66.7 (30.0 – 90.3) |
|  | Glynn (10) | 0 (0 – 27.8) | 40.0 (16.8-68.7) |
|  | Greene (1) | 0 (0 – 79.4) | 100 (20.7-100) |
|  | Morgan (7) | 0 (0 – 35.4) | 0 (0 – 35.4) |
| Hawaii (48) | Hawaii (2) | 0 (0 – 65.8) | 50.0 (9.5-90.6) |
|  | Honolulu\* (34) | 0 (0 – 10.2) | 55.9 (39.5-71.1) |
|  | Kauai (12) | 0 (0 – 24.3) | 41.7 (19.3-68.1) |
| Iowa (1) | Taylor (1) | 0 (0 – 79.4) | 100.0 (20.7–100.0) |
| Illinois (20) | Clay (1) | 0 (0 – 79.4) | 100.0 (20.7–100.0) |
|  | Fulton (11) | 0 (0 – 25.9) | 54.6 (28.0-78.7) |
|  | Marion (8) | 0 (0 – 32.4) | 87.5 (52.9-97.8) |
| Indiana (9) | Jackson (3) | 0 (0 – 56.2) | 100.0 (43.9 – 100.0) |
|  | Lawrence (6) | 0 (0 – 39.0) | 50.0 (18.8-81.2) |
| Kansas (28) | Bourbon (14) | 7.1 (1.3 – 31.5) | 71.4 (45.4-88.3) |
|  | Chautauqua (4) | 0 (0 – 49.0) | 100.0 (51.0 – 100.0) |
|  | Cowley (9) | 0 (0 – 29.9) | 33.3 (12.1-64.6) |
|  | Linn (1) | 100 (20.7-100) | 100.0 (20.7-100) |
| Kentucky (1) | Hickman (1) | 0 (0-79.4) | 100.0 (20.7-100) |
| Louisiana (46) | Acadia\* (7) | 14.3 (2.6-51.3) | 14.3 (2.6-51.3) |
|  | Bossier (2) | 0 (0-65.8) | 0 (0-65.8) |
|  | Calcasieu (5) | 0 (0-43.5) | 60.0 (23.1-88.2) |
|  | Cameron\* (7) | 0 (0-35.4) | 42.9 (15.8-75.0) |
|  | East Feliciana (2) | 0 (0-65.8) | 0 (0-65.8) |
|  | Evangeline\* (5) | 0 (0-43.5) | 40.0 (11.8-76.9) |
|  | Iberia (5) | 0 (0-43.5) | 0 (0-43.5) |
|  | Plaquemines (6) | 0 (0-39.0) | 33.3 (9.7-70.0) |
|  | Vermilion (7) | 0 (0-35.4) | 57.1 (25.1-84.2) |
| Michigan (4) | Gratiot (1) | 0 (0-79.4) | 100 (20.7-100) |
|  | Midland (3) | 0 (0-56.2) | 100 (43.9-100) |
| Missouri (13) | Iron\* (7) | 0 (0-35.4) | 42.9 (15.8-75.0) |
|  | Reynolds (5) | 0 (0-43.5) | 20.0 (3.6-62.5) |
|  | Vernon (1) | 0 (0-79.4) | 100 (20.7-100) |
| Mississippi (53) | Claiborne (11) | 45.5 (21.3-72.0) | 90.9 (62.3-98.4) |
|  | Forrest (5) | 0 (0-43.5) | 20.0 (3.6-62.5) |
|  | Franklin (1) | 0 (0-79.4) | 100 (20.7-100) |
|  | Hancock (3) | 0 (0-56.2) | 33.3 (6.2-79.2) |
|  | Hinds (4) | 25.0 (4.6-69.9) | 50.0 (15.0-85.0) |
|  | Holmes\* (25) | 32.0 (17.2-51.6) | 68.0 (48.4-82.8) |
|  | Issaquena (4) | 0 (0-49.0) | 25.0 (4.6-69.9) |
| North Carolina (27) | Bladen (9) | 0 (0-29.9) | 55.6 (26.7-81.1) |
|  | Haywood\* (5) | 0 (0-43.5) | 60.0 (23.1-88.2) |
|  | Johnston\* (6) | 0 (0-39.0) | 0 (0-39.0) |
|  | Swain (7) | 0 (0-35.4) | 100 (64.6-100) |
| New Hampshire (4) | Sullivan (4) | 0 (0-49.0) | 75.0 (30.1-95.4) |
| New Jersey (3) | Gloucester (3) | 0 (0-56.2) | 33.3 (6.2-79.2) |
| New Mexico (55) | Chaves (9) | 0 (0-29.9) | 44.4 (18.9-73.3) |
|  | Eddy (6) | 0 (0-39.0) | 33.3 (9.7-70.0) |
|  | Lea (2) | 0 (0-65.8) | 50.0 (9.5-90.6) |
|  | Lincoln (4) | 0 (0-49.0) | 50.0 (15.0-85.0) |
|  | Otero\* (13) | 0 (0-22.8) | 53.9 (29.1-76.8) |
|  | Quay (5) | 0 (0-43.5) | 40.0 (11.8-76.9) |
|  | Roosevelt\* (1) | 0 (0-79.4) | No sample |
|  | San Miguel (13) | 0 (0-22.8) | 23.1 (8.2-50.3) |
|  | Union (2) | 0 (0-65.8) | 50.0 (9.5-90.6) |
| New York (10) | Clinton (1) | 0 (0-79.4) | 0 (0-79.4) |
|  | Delaware (6) | 0 (0-39.0) | 33.3 (9.7-70.0) |
|  | Onondaga (3) | 0 (0-56.2) | 0 (0-56.2) |
| Ohio (10) | Lorain (5) | 0 (0-43.5) | 60.0 (23.1-88.2) |
|  | Vinton (5) | 0 (0-43.5) | 80.0 (37.6-96.4) |
| Oklahoma (61) | Bryan\* (6) | 0 (0-39.0) | 50.0 (18.8-81.2) |
|  | Choctaw\* (10) | 0 (0-27.8) | 30.0 (10.8-60.3) |
|  | Comanche (7) | 0 (0-35.4) | 42.9 (15.8-75.0) |
|  | Creek (5) | 0 (0-43.5) | 40.0 (11.8-76.9) |
|  | Lincoln (5) | 0 (0-43.5) | 100 (56.6-100) |
|  | Love\* (5) | 0 (0-43.5) | 20.0 (3.6-62.5) |
|  | Okfuskee (5) | 20.0 (3.6-62.5) | 100 (56.6-100) |
|  | Osage (3) | 0 (0-56.2) | 100 (43.9-100) |
|  | Pittsburg\* (10) | 0 (0-27.8) | 40.0 (16.8-68.7) |
|  | Tillman (5) | 0 (0-43.5) | 60.0 (23.1-88.2) |
| Pennsylvania (1) | Bedford (1) | 0 (0-79.4) | 100 (20.7-100) |
| South Carolina (15) | Georgetown (6) | 0 (0-39.0) | 50.0 (18.8-81.2) |
|  | Richland (9) | 0 (0-29.9) | 11.1 (2.0-43.5) |
| Tennessee (4) | Cumberland (1) | 0 (0-79.4) | 100 (20.7-100) |
|  | Putnam (3) | 0 (0-56.2) | 0 (0-56.2) |
| Texas (60) | Bastrop (1) | 0 (0-79.4) | 100 (20.7-100) |
|  | Baylor\* (12) | 0 (0-24.3) | 8.3 (1.5-35.4) |
|  | Burleson (2) | 0 (0-65.8) | 100 (34.2-100) |
|  | Calhoun (2) | 0 (0-65.8) | 100 (34.2-100) |
|  | Chambers (2) | 0 (0-65.8) | 0 (0-65.8) |
|  | Cochran (1) | 0 (0-79.4) | 0 (0-79.4) |
|  | Coke (7) | 0 (0-35.4) | 71.4 (35.9-91.8) |
|  | Colorado (2) | 0 (0-65.8) | 100 (34.2-100) |
|  | Dickens (15) | 13.3 (3.7-37.9) | 66.7 (41.7-84.8) |
|  | Duval (1) | 0 (0-79.4) | 0 (0-79.4) |
|  | Foard (2) | 0 (0-65.8) | 100 (34.2-100) |
|  | Hall (2) | 0 (0-65.8) | 100 (34.2-100) |
|  | Hardeman (1) | 0 (0-79.4) | 100 (20.7-100) |
|  | Hutchinson (1) | 0 (0-79.4) | 100 (20.7-100) |
|  | Matagorda (8) | 0 (0-32.4) | 25.0 (7.2-59.1) |
|  | Washington (1) | 0 (0-79.4) | 100 (20.7-100) |
| Utah (5) | Weber (5) | 0 (0-43.5) | 40.0 (11.8-76.9) |
| Virginia (12) | Culpeper (5) | 0 (0-43.5) | 60.0 (23.1-88.2) |
|  | Virginia Beach City (7) | 0 (0-35.4) | 14.3 (2.6-51.3) |

\*Serum was not available for testing all feral swine in these counties.