### Supplementary Table 2. Summary of information about the samples included in this study

| Farm identifier | Type of farm | Inside/outside of farm | Type of sample | No. of samples |
|-----------------|--------------|------------------------|----------------|---------------|
| A               | Dairy        | Outside               | Gadfly         | 6             |
|                 |              | Inside                 | Spider         | 1             |
|                 |              | Inside                 | Mosquito       | 3             |
|                 |              | Inside                 | Fly            | 14            |
|                 |              | Outside                | Feces of Bird  | 7             |
|                 |              | Inside                 | Intestine contents of rodent | 1 |
| B               | Dairy        | Inside Fly             | Gadfly         | 14            |
|                 |              | Inside                 | Cockroach      | 1             |
|                 |              | Outside                | Fly            | 2             |
|                 |              | Inside                 | Gadfly         | 2             |
|                 |              | Inside                 | Feces of Bird  | 2             |
|                 |              | Outside                | Feces of Bird  | 2             |
|                 |              | Inside                 | Intestine contents of rodent | 1 |
| C               | Dairy        | Inside Fly             | Fly            | 2             |
| D               | Dairy        | Inside Fly             | Spider         | 1             |
| E               | Meat         | Inside Fly             | Unidentified insect | 1 |
|                 |              | Outside                | Gadfly         | 2             |
|                 |              | Outside Feces of rodent | 2             |
|                 |              | Inside Feces of rodent | 2             |
| F               | Meat         | Inside Fly             | Fly            | 2             |
|                 |              | Outside                | Gadfly         | 2             |
|                 |              | Outside Fly            | Fly            | 2             |
| G               | Meat         | Inside Fly             | Fly            | 1             |
|                 |              | Outside Fly            | Fly            | 1             |
|                 |              | Inside Feces of rodent | 1             |
|                 |              | No information         | Feces of rodent | 1 |
| H               | Meat         | Inside Fly             | Fly            | 1             |
|                 |              | Outside Fly            | Fly            | 1             |
|                 |              | Outside Gadfly         | 3             |
| I               | Meat         | Inside Fly             | Fly            | 1             |
|                 |              | Outside Fly            | Fly            | 1             |
| J               | Meat         | Inside Fly             | Fly            | 2             |
|                 |              | Outside Fly            | Fly            | 1             |
| K               | Meat         | Inside Fly             | Fly            | 1             |
|                 |              | Outside Fly            | Fly            | 1             |
| L               | Meat         | Inside Fly             | Fly            | 1             |
| M               | Meat         | Inside Fly             | Fly            | 2             |
|                 |              | Inside Feces of rodent | 1             |
|                 |              | Outside Feces of rodent | 2             |
|                 |              | Inside Gadfly          | 1             |
| N               | Meat         | Inside Fly             | Fly            | 1             |
| O               | Meat         | Inside Fly             | Fly            | 1             |
| P               | Meat         | Inside Fly             | Fly            | 1             |
| Q               | Meat         | Inside Fly             | Fly            | 2             |
| R               | Meat         | Inside Fly             | Fly            | 1             |
|                 |              | No information         | Feces of rodent | 2 |
| S               | Meat         | Inside Fly             | Fly            | 1             |
| T               | Meat         | Inside Fly             | Fly            | 1             |
| U               | Meat         | Inside Fly             | Fly            | 1             |
|                 |              | Outside Fly            | Fly            | 1             |
|                 |              | Inside Feces of rodent | 1             |