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| **Table S2.** Calculation of the blood meal volume of female *Pulex irritans* fleas | | |
|  | pre-feed | post-feed |
| Combined weight | 8.504 mg  (n = 17 females) | 6.728 mg  (n = 8 of 17 that fed) |
| Avg. weight per flea | 0.500 mg | 0.841 mg |
| Avg. weight of blood meal |  | 0.341 mg |
| Avg. volume of blood meal\* | | 0.32 ml |
| \* Avg. weight divided by the specific gravity of blood (1.06 g/ml) | | |