

S1. Details of the mosquito samples in control and test groups used in the present investigation, code of samples, days post infection (dpi), and their SQ mean (RT-qPCR).

Group	Code of sample	Days post infection	SQ mean
Control Group	0C1	0	38354.56103
Control Group	0C2	0	36304.80286
Control Group	0C3	0	39655.23563
Control Group	2C1	2	3455417.31184
Control Group	2C2	2	1449647.31532
Control Group	2C3	2	56007.02659
Control Group	2C4	2	426463.04486
Control Group	2C5	2	221548.53702
Control Group	2C6	2	99567.07723
Control Group	2C7	2	53564.23570
Control Group	2C8	2	328756.82160
Control Group	2C9	2	28293.16023
Control Group	2C10	2	2730.20507
Control Group	2C11	2	136808.85414
Control Group	2C12	2	13903.11240
Control Group	2C13	2	912512.14130
Control Group	2C14	2	46955.88075
Control Group	2C15	2	7502.26892
Control Group	2C16	2	2810903.64767
Control Group	2C17	2	93802.07319
Control Group	2C18	2	2272834.15775
Control Group	2C19	2	1892821.21078
Control Group	2C20	2	420147.54206
Control Group	5C1	5	100543.76658
Control Group	5C2	5	369336.95239
Control Group	5C3	5	14835728.50820
Control Group	5C4	5	10381212.77059
Control Group	5C5	5	4905883.65391
Control Group	5C6	5	591045.01008
Control Group	5C7	5	0.00000
Control Group	5C8	5	30369153.43895
Control Group	5C9	5	22839692.16584
Control Group	5C10	5	74902.66250
Control Group	5C11	5	3008074.38720
Control Group	5C12	5	511521.09156
Control Group	5C13	5	44242577.72549
Control Group	5C14	5	316538.68816
Control Group	5C15	5	691172.81411
Control Group	5C16	5	1890962.53575
Control Group	5C17	5	2389.23798

Control Group	5C18	5	12748871.15846
Control Group	5C19	5	24415075.92153
Control Group	5C20	5	0.00000
Control Group	7C1	7	0.00000
Control Group	7C2	7	1261913.06671
Control Group	7C3	7	0.00000
Control Group	7C4	7	11486.44049
Control Group	7C5	7	1800443.97350
Control Group	7C6	7	3701514.10552
Control Group	7C7	7	7362.99167
Control Group	7C8	7	1419818.03533
Control Group	7C9	7	2771365.90971
Control Group	7C10	7	158546.30457
Control Group	7C11	7	846.53545
Control Group	7C12	7	2877936.96363
Control Group	7C13	7	1301.48074
Control Group	7C14	7	17280.84196
Control Group	7C15	7	1305572.72218
Control Group	7C16	7	2117846.82322
Control Group	7C17	7	9296.31370
Control Group	7C18	7	1145335.55056
Control Group	7C19	7	0.00000
Control Group	7C20	7	0.00000
Test Group	0T1	0	67625.83368
Test Group	0T2	0	69841.57595
Test Group	0T3	0	127828.39850
Test Group	2T1	2	71075.42184
Test Group	2T2	2	6932538.31093
Test Group	2T3	2	181627.72599
Test Group	2T4	2	190533.01349
Test Group	2T5	2	21461.12708
Test Group	2T6	2	6164.18508
Test Group	2T7	2	655.67900
Test Group	2T8	2	2972.12553
Test Group	2T9	2	46665.45516
Test Group	2T10	2	66798.01003
Test Group	2T11	2	44074.34501
Test Group	2T12	2	186243.95412
Test Group	2T13	2	1059.64068
Test Group	2T14	2	42712.44791
Test Group	2T15	2	54450.18513
Test Group	2T16	2	89413.94445
Test Group	2T17	2	5746.94219

Test Group	2T18	2	887715.42978
Test Group	2T19	2	29524.08579
Test Group	2T20	2	5765.82952
Test Group	5T1	5	12474.30081
Test Group	5T2	5	7722.02351
Test Group	5T3	5	1926185.51823
Test Group	5T4	5	0.00000
Test Group	5T5	5	873590.97981
Test Group	5T6	5	0.00000
Test Group	5T7	5	1214387.36708
Test Group	5T8	5	8154.98304
Test Group	5T9	5	0.00000
Test Group	5T10	5	159324.23795
Test Group	5T11	5	0.00000
Test Group	5T12	5	16387.06429
Test Group	5T13	5	4140775.56947
Test Group	5T14	5	0.00000
Test Group	5T15	5	10914.08110
Test Group	5T16	5	10929675.40593
Test Group	5T17	5	11785.25518
Test Group	5T18	5	17797487.18114
Test Group	5T19	5	0.00000
Test Group	5T20	5	25341.83029
Test Group	7T1	7	1347471.68228
Test Group	7T2	7	62538.47815
Test Group	7T3	7	30957768.11282
Test Group	7T4	7	85917714.16609
Test Group	7T5	7	50417318.88030
Test Group	7T6	7	680457.08414
Test Group	7T7	7	7698831.91620
Test Group	7T8	7	195391.90254
Test Group	7T9	7	0.00000
Test Group	7T10	7	0.00000
Test Group	7T11	7	0.00000
Test Group	7T12	7	1115.85209
Test Group	7T13	7	2433954.96424
Test Group	7T14	7	0.00000
Test Group	7T15	7	1012278.46702
Test Group	7T16	7	57839880.47384
Test Group	7T17	7	1406784.97924
Test Group	7T18	7	1031122.55023
Test Group	7T19	7	0.00000
Test Group	7T20	7	139930.19174