

Time PI (month) Tick- virus pair	0	1	2 ^a	3	6	8 ^a	10	12	13 ^a
OmL	F = 8 M = 6 N = 1	F = 7 M = 8 N = 0	F = 8 M = 7 N = 0	F = 7 M = 8 N = 0	ND	ND	ND	ND	ND
OmG	F = 5 M = 10 N = 0	F = 5 M = 10 N = 0	F = 2 M = 12 N = 1	F = 6 M = 9 N = 0	ND	ND	ND	ND	F = 8 M = 8 N = 0
OeO	F = 2 M = 2 N = 6	F = 11 M = 5 N = 0	F = 9 M = 4 N = 2	F = 9 M = 3 N = 3	F = 5 M = 5 N = 0	F = 5 M = 5 N = 0	F = 5 M = 5 N = 0	F = 5 M = 5 N = 0	ND
OeG	F = 1 M = 3 N = 6	F = 5 M = 5 N = 5	F = 6 M = 6 N = 3	F = 10 M = 3 N = 2	F = 5 M = 5 N = 0	F = 5 M = 5 N = 0	F = 5 M = 5 N = 0	F = 5 M = 5 N = 0	ND
OvZ	F = 0 M = 1 N = 10	F = 0 M = 0 N = 9	F = 3 M = 2 N = 5	F = 2 M = 0 N = 8	ND	ND	ND	ND	F = 7 M = 9 N = 2

Additional file 1: Table S1: Number and stage of ticks used for qPCR kinetics and viral titration. ^a : tick used for qPCR and also viral titration. F = female, M = male and N = nymph. ND = not done.