

A) R_0 

R_a	1	1	1	1	1	1	1	1
S_l	3	3	3	3	3	3	4	3
E	2	2	2	2	2	2	2	2
S_a	5	5	4	6	5	4	7	7
S_n	4	4	5	5	4	5	6	6
C_{al}	10	10	11	12	13	14	12	13
H_{cn}	6	7	10	4	6	6	3	4
C_s	7	6	6	7	7	7	5	5
θ	17	22	20	16	14	17	16	17
N_{ah}	8	9	7	18	15	13	21	18
Q_l	12	11	9	8	8	8	8	8
H_{cs}	13	13	13	9	9	9	9	9
I	19	24	25	15	19	21	15	20
C_{aa}	9	8	8	17	17	16	18	16
C_{an}	11	12	12	19	18	18	17	14
C_{ll}	31	31	31	31	30	30	31	31
P_a	14	16	14	13	10	10	14	10
C_{nl}	21	21	17	24	24	24	24	23
D_n	15	14	15	10	11	11	10	11
P_n	20	23	23	21	20	19	22	19
D_a	18	15	16	11	12	12	13	12
N_{nh}	24	20	22	25	26	27	27	27
Q_n	16	17	19	14	16	15	11	15
C_{nn}	25	19	21	27	25	26	25	25
P_l	27	27	27	22	22	23	20	22
Q_a	22	25	24	20	21	20	19	21
D_l	26	26	26	23	23	22	23	24
N_{lh}	29	29	30	30	31	31	30	30
C_{na}	23	18	18	26	27	25	26	26
C_{ln}	28	30	29	29	28	29	29	28
C_{la}	30	28	28	28	29	28	28	29

B) Systemic



R_a	2	2	2	5	5	5	6	5
S_l	9	8	8	9	8	8	9	8
E	8	7	7	8	7	7	8	7
S_a	10	9	9	10	9	9	10	10
S_n	7	6	6	7	6	6	7	6
C_{al}	22	22	22	27	25	25	29	27
H_{cn}	1	1	1	1	1	1	1	1
C_s	3	3	4	2	2	2	2	2
θ	15	17	17	14	17	18	16	19
N_{ah}	29	28	27	29	28	29	28	29
Q_l	4	5	5	4	4	4	4	4
H_{cs}	5	4	3	3	3	3	3	3
I	6	10	11	6	10	11	5	9
C_{aa}	28	27	24	28	29	28	30	31
C_{an}	23	23	23	24	22	23	23	22
C_{ll}	31	31	31	30	31	31	31	28
P_a	11	11	10	11	11	10	11	11
C_{nl}	20	20	20	21	21	21	21	21
D_n	16	14	15	18	14	16	14	14
P_n	19	19	18	16	19	15	15	16
D_a	13	12	12	12	12	12	12	13
N_{nh}	26	24	26	22	24	22	22	24
Q_n	18	16	14	19	18	14	19	15
C_{nn}	24	26	28	23	23	24	24	25
P_l	14	13	13	15	13	13	17	12
Q_a	12	15	16	13	16	17	18	18
D_l	17	18	19	17	15	19	13	17
N_{lh}	30	30	30	31	30	30	27	30
C_{na}	21	21	21	20	20	20	20	20
C_{ln}	25	25	25	25	26	26	25	23
C_{la}	27	29	29	26	27	27	26	26

C) Non – systemic



R_a	7	7	6	7	8	7	6	8
S_l	15	20	23	15	19	19	12	18
E	9	15	11	8	9	11	9	10
S_a	8	9	16	12	13	13	15	9
S_n	14	8	8	9	6	5	8	5
C_{al}	23	22	24	26	23	25	27	26
H_{cn}	1	1	1	1	1	1	1	1
C_s	2	2	2	2	2	2	2	2
θ	26	23	21	17	18	18	16	19
N_{ah}	19	26	27	30	31	31	30	30
Q_l	3	3	3	3	3	3	3	3
H_{cs}	4	4	4	4	4	4	4	4
I	5	6	7	5	7	8	5	7
C_{aa}	17	25	25	31	29	29	31	31
C_{an}	24	27	26	25	24	23	29	27
C_{ll}	11	14	22	22	25	28	22	23
P_a	6	5	5	6	5	6	7	6
C_{nl}	28	29	28	23	22	22	24	24
D_n	21	18	15	14	15	15	13	15
P_n	20	11	13	11	12	12	11	14
D_a	18	12	9	13	10	10	14	13
N_{nh}	31	31	31	27	27	26	26	28
Q_n	25	24	19	18	16	14	18	11
C_{nn}	30	30	30	28	30	30	28	29
P_l	22	17	12	16	11	9	17	12
Q_a	27	21	20	19	17	17	19	17
D_l	13	19	17	10	14	16	10	16
N_{lh}	10	16	18	24	28	27	23	22
C_{na}	29	28	29	29	26	24	25	25
C_{ln}	12	10	10	21	21	20	21	21
C_{la}	16	13	14	20	20	21	20	20

D) Transovarial



R_a	1	1	1	1	1	1	1	1
S_l	5	5	5	4	4	4	3	3
E	3	3	3	2	2	2	2	2
S_a	4	4	4	5	5	5	5	5
S_n	2	2	2	3	3	3	4	4
C_{al}	14	19	20	23	24	22	24	25
H_{cn}	10	10	9	10	10	9	10	10
C_s	9	8	8	9	8	8	9	9
θ	30	24	30	15	16	15	14	16
N_{ah}	11	11	12	28	26	28	28	28
Q_l	8	7	7	8	7	7	8	7
H_{cs}	6	6	6	6	6	6	6	5
I	7	9	10	7	9	11	7	8
C_{aa}	12	12	13	27	27	26	27	27
C_{an}	13	16	14	22	25	25	25	24
C_{ll}	23	31	24	25	23	23	22	17
P_a	18	15	18	13	12	12	12	14
C_{nl}	26	20	23	26	29	29	29	29
D_n	16	14	21	14	14	14	15	15
P_n	31	25	31	19	18	17	18	21
D_a	24	22	29	18	20	19	17	22
N_{nh}	19	23	16	31	31	31	31	31
Q_n	15	13	11	11	11	10	11	11
C_{nn}	21	21	17	30	30	30	30	30
P_l	27	28	27	17	17	18	20	18
Q_a	22	18	19	12	13	13	13	14
D_l	29	26	28	16	19	20	19	19
N_{lh}	20	27	22	24	21	21	23	20
C_{na}	17	17	15	29	28	27	26	26
C_{ln}	25	29	26	21	22	24	21	23
C_{la}	28	30	25	20	15	16	16	13

E) Pattern



R_a	3	3	3	5	5	5	5	6
S_l	10	9	9	8	8	7	9	8
E	6	7	7	9	7	8	8	7
S_a	7	8	8	10	10	9	10	11
S_n	4	6	4	7	6	6	7	5
C_{al}	18	20	23	23	24	25	24	21
H_{cn}	1	1	1	1	1	1	1	1
C_s	2	2	2	2	2	2	2	2
θ	24	16	12	17	18	15	18	17
N_{ah}	14	26	30	28	26	30	25	24
Q_l	5	4	5	4	3	3	3	3
H_{cs}	8	5	6	3	4	4	4	4
I	9	11	11	6	9	13	6	9
C_{aa}	16	24	31	30	29	28	29	27
C_{an}	21	23	25	21	23	24	23	23
C_{ll}	29	31	28	29	31	31	30	31
P_a	11	10	10	11	11	10	14	10
C_{nl}	22	21	21	22	19	20	21	20
D_n	12	17	18	12	20	16	11	14
P_n	17	15	13	19	14	12	17	13
D_a	13	14	14	15	13	17	13	12
N_{nh}	26	28	26	26	25	22	22	26
Q_n	19	13	15	18	15	14	16	18
C_{nn}	27	27	24	24	27	26	20	28
P_l	20	12	19	14	12	11	12	15
Q_a	23	18	17	16	16	19	19	16
D_l	15	19	16	13	17	18	15	19
N_{lh}	30	30	29	31	30	29	31	30
C_{na}	25	22	20	20	22	21	26	22
C_{ln}	28	25	22	25	21	23	27	25
C_{la}	31	29	27	27	28	27	28	29

Viremia
(days)Abundance
(per host)

1~5 5~9 9~12 1~5 5~9 9~12 1~5 5~9 9~12

1~5 5~9 9~12 1~5 5~9 9~12 1~5 5~9 9~12

1~5 5~9 9~12 1~5 5~9 9~12 1~5 5~9 9~12

1~5 5~9 9~12 1~5 5~9 9~12 1~5 5~9 9~12

1~5 5~9 9~12 1~5 5~9 9~12 1~5 5~9 9~12

0.01~2 2~5 5~12

0.01~2 2~5 5~12

0.01~2 2~5 5~12

0.01~2 2~5 5~12

0.01~2 2~5 5~12