

1 **Supplementary information**

2 Dynamics of Virus Shedding and Antibody Responses in Influenza A Virus–Infected Feral
3 Swine

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21 Running Head: Responses to Influenza A Virus Infection in Feral Swine

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40 **Supplementary Table 1.** Nucleotide polymorphisms in the coding regions among sequences of
 41 wild-type virus used for inoculation and among virus isolates recovered from sentinel swine in a
 42 study of the dynamics of virus shedding and antibody responses during influenza A virus
 43 infection in feral swine

Gene	Position ^a	Nucleotide ^c , by virus			
		P1D8 ^b	P5D8	P10D8	Wild-type
PB2	792	T	T	T/A (1/32)	T/A (36/25)
PB2	822	C/T (383/112)	C	C	C
PB2	882	C	C/T (47/58)	C	C
PB2	1125	C	C	C/T (276/83)	C
PB1	1062	C	C	C/T (1004/469)	C
PB1	1749	G	G	G/A (6/515)	G/A (38/21)
PA	1452	C	C/T (205/68)	C	C
HA	563	A	A/G (38/19)	A/G (22/217)	A/G (73/42)

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45 ^aNumbering of the nucleotide was from the first nucleic acid of each gene of the influenza
 46 viruses.

47 ^bIsolates P1D8, P5D8, and P10D8 were isolated from sentinel swine numbers 1, 5, and 10,
 48 respectively, 8 days after swine in the treatment group were infected. The wild-type virus was
 49 influenza strain A/swine/Texas/A01104013/2012(H3N2), which was used to inoculate swine in
 50 the treatment group.

51 ^cNumbers in parentheses represent the number of supporting reads.

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53 **Supplementary Table 2.** Nucleotide polymorphisms in the non-coding regions among
 54 sequences of wild-type virus used for inoculation and among virus isolates recovered from
 55 sentinel swine in a study of the dynamics of virus shedding and antibody responses during
 56 influenza A virus infection in feral swine

Gene	Position ^a	Nucleotide ^c , by virus			
		P1D8 ^b	P5D8	P10D8	Wild-type
PB2	17	A/T (336/1377)	A/T (245/138)	A	A
PB2	2327	G	G/T (216/80)	G/T (739/214)	G
PB1	2328	G	G/C (105/33)	G	G
PA	20	C/T (1391/539)	C	C	C
PA	22	A/G (303/1635)	A/G (450/132)	A/G (1892/585)	A
HA	18	T	T/A (11/10)	T/A (44/25)	T
HA	1747	T/C (64/25)	T/C (61/73)	T/C (240/137)	T/C (100/55)
M1	1013	G/T (9/55)	G/T (66/66)	G/T (225/226)	G/T (149/81)

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58 ^aNumbering of the nucleotide was from the first nucleic acid of each gene of the influenza
 59 viruses.

60 ^bIsolates P1D8, P5D8, and P10D8 were isolated from sentinel swine numbers 1, 5, and 10,
 61 respectively, 8 days after swine in the treatment group were infected. The wild-type virus was
 62 influenza strain A/swine/Texas/A01104013/2012(H3N2), which was used to inoculate swine in
 63 the treatment group.

64 ^cNumbers in parentheses represent number of supporting reads.

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