

## **On line material**

### Supplementary tables

**Table S1.** Median times (days) for the duration of the latent and subclinical periods in domestic animals predicted from the fitted Weibull model (Tab. IV in the manuscript).

	Cattle	Pig	Small ruminants
Latency	3.1	2.42	3.2
Subclinical	1.92	1.7	1.81

**Table S2.** Median times (days) for a combination of selected variables predicted from the fitted Weibull model for the duration of the latent and subclinical periods (Tab. IV in the manuscript).

	Exposed to same donor specie			Exposed to different donor specie		
	Cattle	Pig	Small ruminants	Cattle	Pig	Small ruminants
Latency	2.96	1.66	3.7	3.25	4.23	3.15
Subclinical	1.87	1.22	2.28	1.98	2.82	1.76

**Table S3.** Median times (days) for a combination of selected variables predicted from the fitted Weibull model for the duration of the latent and subclinical periods (Tab. IV in the manuscript).

	Fever			First vesicles in mouth or feet			Generalized infection		
	Cattle	Pig	Small ruminants	Cattle	Pig	Small ruminants	Cattle	Pig	Small ruminants
Latency	-	-	2.93	2.93	2.24	2.93	3.7	2.97	3.7
Subclinical	-	-	1.53	1.83	1.65	1.78	2.26	1.87	2.04

**Table S4.** Median times (days) for a combination of selected variables predicted from the fitted Weibull model for the incubation period (Tab. V in the manuscript).

	Exposed to same donor specie		Exposed to different donor specie	
	Direct contact	Indirect contact	Direct contact	Indirect contact
Cattle	4.9		4.55	5.72
Pig	2.9	4.4	10.57	10.33
Small ruminants	6.43	13.09	7.22	4.2

**Table S5.** Median times (days) for a combination of selected variables predicted from the fitted Weibull model for the incubation period (Tab. V in the manuscript).

	Exposed to same donor specie			Exposed to different donor specie		
	Fever	First vesicles in mouth or feet	Generalized infection	Fever	First vesicles in mouth or feet	Generalized infection
Cattle	-	4.97	2.9	-	4.22	5.72
Pig	-	3.04	3.47	-	10.57	10.33
Small ruminants	-	6.28	8.77	3.4	7.22	5.1

**Table S6.** Median times (days) for a combination of selected variables predicted from the fitted Weibull model for the incubation period (Tab. V in the manuscript).

	Direct contact				Indirect contact			
	Pan Asia	Euro – SA (European strains)	MESA	Euro – SA (South American strains)	Pan Asia	Euro – SA (European strains)	MESA	Euro – SA (South American strains)
Cattle	2.71	5.35	-	4.47	10.33	4.95	-	-
Pig	2.9	10.57	-	-	7.03	-	-	-
Small ruminants	8.1	8.5	6.28	6.39	9.5	3.78	-	-