

Supplemental data

Supplemental Table 1: PRRSV whole genome sequenced strains description

Strain identification number	PRRSV RT-qPCR Cq value in the sample	Type of sample	Number of animals pooled in the sample	GenBank accession number
1425619	n.a. ^a	Lung	1	MN865482
1890826 #1 ^b	21,98	Serum	1	MN865566
1890826 #2	21,98	Serum	1	MN865567
1926452	18,2	Lung	1	MN865483
1927781	23,74	Serum	1	MN865484
1943176	21,3	Sera	6	MN865485
1943177	14,5	Sera	6	MN865486
1943798	14,88	Sera	6	MN865487
1951167	22,75	Sera	7	MN865488
1952821 #1	23,95	PoT ^c	1	MN865568
1952821 #2	23,95	PoT	1	MN865569
1953024	21,68	Sera	7	MN865489
1953769	22,45	PoT	1	MN865490
1956308	20,17	PoT	1	MN865491
1957367	23,24	PoT	1	MN865492
1961450	24,42	Sera	5	MN865493
1961538	19,98	PoT	1	MN865494
1966315	20,08	Sera	4	MN865495
1966316	18,48	Sera	4	MN865496
1968868 #1	34,13	Serum	1	MN865570
1968868 #2	34,13	Serum	1	MN865571
1968869	27,08	Serum	1	MN865497
1978525	21,79	Sera	8	MN865498
1980019	22,27	Lung	1	MN865499
1982018	21,15	Lung	1	MN865500
1982260	20,36	Sera	10	MN865501
1982353	18,19	Sera	6	MN865502
1982354	16,86	Sera	6	MN865503
1982412	13,89	Lung	1	MN865504
1985061	24,19	Lung	1	MN865505
1985928	15,25	Serum	1	MN865506
1994368	19,7	Lung	1	MN865507

2012512	17,94	Lung	1	MN865508
2013955	22,99	Lungs	2	MN865509
2016194	16,97	Lung	1	MN865510
2017769	22,23	Lungs	2	MN865511
2018110	21,85	Sera	5	MN865512
2018114	19,62	Sera	5	MN865513
2020590	24,59	PoT	1	MN865514
2021685	21,22	Lung	1	MN865515
2023030	18,73	Sera	3	MN865516
2023323	22,55	Lung	1	MN865517
2029734	21,85	Lung	1	MN865518
2035290	22,86	Sera	5	MN865519
2048380	20,23	Sera	10	MN865520
2050445	20,06	Serum	1	MN865521
2050887	23,52	Sera	10	MN865522
2057423	22,77	Sera	10	MN865523
2057984	24,4	Sera	5	MN865524
2058132	19,51	PoT	1	MN865525
2059368	18,09	Sera	10	MN865526
2059830	27,22	Sera	5	MN865527
2061291	22,58	PoT	2	MN865528
2063747	24,77	Sera	2	MN865529
2065929	26,37	Sera	10	MN865530
2067407	23,06	Sera	5	MN865531
2067408	24,33	Sera	5	MN865532
2067423	26,28	Serum	1	MN865533
2069767	24,33	PoT	2	MN865534
2070378	25,98	PoT	2	MN865535
2072533	26,53	Serum	1	MN865536
2073509	26,5	Lung	1	MN865537
2073979	18,83	Sera	10	MN865538
2075305	20,95	Lung	1	MN865539
2078279	18,19	Sera	5	MN865540
2078481	n.a.	Serum	1	MN865541
2082089	19,47	Lung	1	MN865542
2084371	23,98	Lung	1	MN865543
2087354	n.a.	Lung	n.a.	MN865544
2087409	20,98	Lung	1	MN865545
2087619	21,35	PoT	1	MN865546
2089141	17,89	PoT	1	MN865547
2089260	16,81	PoT	2	MN865548
2092399	19,26	Sera	2	MN865549
2101209	23,53	Sera	3	MN865550

2101687	16,44	Sera	5	MN865551
2104407	13,57	Serum	1	MN865552
2104469	n.a.	Lung	1	MN865553
2108625	19,89	Sera	6	MN865554
2108698	29,18	Serum	1	MN865555
2109640	17,7	Serum	1	MN865556
2125706	28,83	Oral fluid	Pen ^d	MN865557
2132295	27,42	Serum	1	MN865558
2137004	29,3	Serum	1	MN865559
2137961	28,62	Serum	1	MN865560
2146871	24,85	Serum	1	MN865561
2147100	32,84	Oral fluid	Pen	MN865562
2153073 #1	27,93	Serum	1	MN865572
2153073 #2	27,93	Serum	1	MN865573
2154774	11,5	Serum	1	MN865563
2158115	18,77	Serum	1	MN865564
2158116	17,24	Serum	1	MN865565

^an.a.: means the data is not available.

^bThe # after the sample identification number represent one of the two PRRSV strains that was identified during coinfection within the same clinical sample.

^cPoT or pool of tissues include mainly lungs with several other type of tissues such as lymph nodes, spleen, liver, intestine, etc.

^dThe number of animals per pen during oral fluid sampling is unknown.