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African Swine Fever (ASF) diagnosis and molecular characterization report.

**REPORT ISSUED BY THE EUROPEAN UNION REFERENCE LABORATORY FOR AFRICAN
SWINE FEVER (EURL-ASF), INIA-CISA**

DATE: October 5th, 2018.

ARRIVAL DATE TO CISA: May 22th, 2018

RESPONSIBLE FOR SUBMISSION:

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Num. ARRIVAL REGISTER CISA: REG. 192/2018.

TEST REQUESTED: AFRICAN SWINE FEVER (ASF) CONFIRMATORY DIAGNOSIS AND MOLECULAR CHARACTERIZATION.

Num. SAMPLES RECEIVED: **530 samples from 181 domestic pigs** comprising 109 sera and 91 tissues, and samples treated at the National reference laboratory (NRL) including 111 homogenates and 219 DNAs. (**table 1**)

Table 1 → Identification of samples received from the Poland's NRL						
Animals received	Sample ID CISA	Sample laboratory code			TYPE SAMPLE RECEIVED	
		Id code in Poland's NRL	Sampling localization			
24354-1/17	1	24354-1/17	OUTBREAK 51	Mońki, Podlaskie	BLOOD	SERUM
24354-1/17	2	24354-1/17	OUTBREAK 51	Mońki, Podlaskie	DNA*	BLOOD
24663/17	3	24663/17	OUTBREAK 52	Janów Podlaski, Lubelskie	HOMOGENATE*	CLOT
24663/17	4	24663/17	OUTBREAK 52	Janów Podlaski, Lubelskie	DNA*	CLOT
24730/17	5	24730/17	OUTBREAK 51	Mońki, Podlaskie	TISSUE	SPLEEN
24730/17	6	24730/17	OUTBREAK 51	Mońki, Podlaskie	HOMOGENATE*	SPLEEN
24730/17	7	24730/17	OUTBREAK 51	Mońki, Podlaskie	DNA*	SPLEEN
24730/17	8	24730/17	OUTBREAK 51	Mońki, Podlaskie	TISSUE	KIDNEY
24730/17	9	24730/17	OUTBREAK 51	Mońki, Podlaskie	HOMOGENATE*	KIDNEY
24730/17	10	24730/17	OUTBREAK 51	Mońki, Podlaskie	DNA*	KIDNEY



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Animals received	Sample ID CISA	Sample laboratory code			TYPE SAMPLE RECEIVED	
		Id code in Poland's NRL	Sampling localization			
25476/17	11	25476/17	OUTBREAK 53	Terespól, Lubelskie	BLOOD	SERUM
25476/17	12	25476/17	OUTBREAK 53	Terespól, Lubelskie	DNA*	BLOOD
26023-2/17	13	26023-2/17	OUTBREAK 54	Kąkolewnica, Lubelskie	BLOOD	SERUM
26023-2/17	14	26023-2/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	BLOOD
26023-6/17	15	26023-6/17	OUTBREAK 54	Kąkolewnica, Lubelskie	BLOOD	SERUM
26023-6/17	16	26023-6/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	BLOOD
26023-7/17	17	26023-7/17	OUTBREAK 54	Kąkolewnica, Lubelskie	BLOOD	SERUM
26023-7/17	18	26023-7/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	BLOOD
26024/17	19	26024/17	OUTBREAK 54	Kąkolewnica, Lubelskie	TISSUE	SPLEEN
26024/17	20	26024/17	OUTBREAK 54	Kąkolewnica, Lubelskie	HOMOGENATE*	SPLEEN
26024/17	21	26024/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	SPLEEN
26024/17	22	26024/17	OUTBREAK 54	Kąkolewnica, Lubelskie	TISSUE	KIDNEY
26024/17	23	26024/17	OUTBREAK 54	Kąkolewnica, Lubelskie	HOMOGENATE*	KIDNEY
26024/17	24	26024/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	KIDNEY
26218/17	25	26218/17	OUTBREAK 54	Kąkolewnica, Lubelskie	TISSUE	SPLEEN
26218/17	26	26218/17	OUTBREAK 54	Kąkolewnica, Lubelskie	HOMOGENATE*	SPLEEN
26218/17	27	26218/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	SPLEEN
26218/17	28	26218/17	OUTBREAK 54	Kąkolewnica, Lubelskie	TISSUE	KIDNEY
26218/17	29	26218/17	OUTBREAK 54	Kąkolewnica, Lubelskie	HOMOGENATE*	KIDNEY
26218/17	30	26218/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	KIDNEY
26217-4/17	31	26217-4/17	OUTBREAK 54	Kąkolewnica, Lubelskie	BLOOD	SERUM
26217-4/17	32	26217-4/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	BLOOD
26217-6/17	33	26217-6/17	OUTBREAK 54	Kąkolewnica, Lubelskie	BLOOD	SERUM
26217-6/17	34	26217-6/17	OUTBREAK 54	Kąkolewnica, Lubelskie	DNA*	BLOOD
26219-5/17	35	26219-5/17	OUTBREAK 55	Kąkolewnica, Lubelskie	BLOOD	SERUM
26219-5/17	36	26219-5/17	OUTBREAK 55	Kąkolewnica, Lubelskie	DNA*	BLOOD
26219-7/17	37	26219-7/17	OUTBREAK 55	Kąkolewnica, Lubelskie	BLOOD	SERUM
26219-7/17	38	26219-7/17	OUTBREAK 55	Kąkolewnica, Lubelskie	DNA*	BLOOD
26265/17	39	26265/17	OUTBREAK 59	Baila podlaska, Lubelskie	BLOOD	SERUM
26265/17	40	26265/17	OUTBREAK 59	Baila podlaska, Lubelskie	DNA*	BLOOD
26539-5/17	41	26539-5/17	OUTBREAK 58	Kąkolewnica, Lubelskie	BLOOD	SERUM
26539-5/17	42	26539-5/17	OUTBREAK 58	Kąkolewnica, Lubelskie	DNA*	BLOOD
26539-6/17	43	26539-6/17	OUTBREAK 58	Kąkolewnica, Lubelskie	BLOOD	SERUM
26539-6/17	44	26539-6/17	OUTBREAK 58	Kąkolewnica, Lubelskie	DNA*	BLOOD
26541/17	45	26541/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26541/17	46	26541/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26541/17	47	26541/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26541/17	48	26541/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	KIDNEY
26541/17	49	26541/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	KIDNEY
26541/17	50	26541/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	KIDNEY
26747-3/17	51	26747-3/17	OUTBREAK 58	Kąkolewnica, Lubelskie	BLOOD	SERUM
26747-3/17	52	26747-3/17	OUTBREAK 58	Kąkolewnica, Lubelskie	DNA*	BLOOD
26763/17	53	26763/17	OUTBREAK 58	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
26763/17	54	26763/17	OUTBREAK 58	Międzyrzecz, Lubelskie	DNA*	CLOT
26748/17	55	26748/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26748/17	56	26748/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26748/17	57	26748/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26748/17	58	26748/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	KIDNEY



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Animals received	Sample ID CISA	Sample laboratory code			TYPE SAMPLE RECEIVED	
		Id code in Poland's NRL	Sampling localization			
26748/17	59	26748/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	KIDNEY
26748/17	60	26748/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	KIDNEY
26749/17	61	26749/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26749/17	62	26749/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26749/17	63	26749/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26749/17	64	26749/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	KIDNEY
26749/17	65	26749/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	KIDNEY
26749/17	66	26749/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	KIDNEY
27750/17	67	27750/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
27750/17	68	27750/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
27750/17	69	27750/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
27750/17	70	27750/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	KIDNEY
27750/17	71	27750/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	KIDNEY
27750/17	72	27750/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	KIDNEY
26751/17	73	26751/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26751/17	74	26751/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26751/17	75	26751/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26751/17	76	26751/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	KIDNEY
26751/17	77	26751/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	KIDNEY
26751/17	78	26751/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	KIDNEY
26752/17	79	26752/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26752/17	80	26752/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26752/17	81	26752/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26753/17	82	26753/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26753/17	83	26753/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26753/17	84	26753/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26754/17	85	26754/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26754/17	86	26754/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26754/17	87	26754/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26755/17	88	26755/17	OUTBREAK 58	Platerów, Mazowieckie	TISSUE	SPLEEN
26755/17	89	26755/17	OUTBREAK 58	Platerów, Mazowieckie	HOMOGENATE*	SPLEEN
26755/17	90	26755/17	OUTBREAK 58	Platerów, Mazowieckie	DNA*	SPLEEN
26983-7/17	91	26983-7/17	OUTBREAK 57	Kąkolewnica, Lubelskie	BLOOD	SERUM
26983-7/17	92	26983-7/17	OUTBREAK 57	Kąkolewnica, Lubelskie	DNA*	BLOOD
26983-8/17	93	26983-8/17	OUTBREAK 57	Kąkolewnica, Lubelskie	BLOOD	SERUM
26983-8/17	94	26983-8/17	OUTBREAK 57	Kąkolewnica, Lubelskie	DNA*	BLOOD
27061-7/17	95	27061-7/17	OUTBREAK 56	Biała Podlaska, Lubelskie	BLOOD	SERUM
27061-7/17	96	27061-7/17	OUTBREAK 56	Biała Podlaska, Lubelskie	DNA*	BLOOD
27061-17/17	97	27061-17/17	OUTBREAK 56	Biała Podlaska, Lubelskie	BLOOD	SERUM
27061-17/17	98	27061-17/17	OUTBREAK 56	Biała Podlaska, Lubelskie	DNA*	BLOOD
27061-19/17	99	27061-19/17	OUTBREAK 56	Biała Podlaska, Lubelskie	BLOOD	SERUM
27061-19/17	100	27061-19/17	OUTBREAK 56	Biała Podlaska, Lubelskie	DNA*	BLOOD
27105/17	101	27105/17	OUTBREAK 60	Włodawa, Lubelskie	TISSUE	SPLEEN
27105/17	102	27105/17	OUTBREAK 60	Włodawa, Lubelskie	HOMOGENATE*	SPLEEN
27105/17	103	27105/17	OUTBREAK 60	Włodawa, Lubelskie	DNA*	SPLEEN
27105/17	104	27105/17	OUTBREAK 60	Włodawa, Lubelskie	TISSUE	lymph node
27105/17	105	27105/17	OUTBREAK 60	Włodawa, Lubelskie	HOMOGENATE*	lymph node
27105/17	106	27105/17	OUTBREAK 60	Włodawa, Lubelskie	DNA*	lymph node



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27106/17	107	27106/17	OUTBREAK 60	Włodawa, Lubelskie	TISSUE SPLEEN
27106/17	108	27106/17	OUTBREAK 60	Włodawa, Lubelskie	HOMOGENATE* SPLEEN
27106/17	109	27106/17	OUTBREAK 60	Włodawa, Lubelskie	DNA* SPLEEN
27106/17	110	27106/17	OUTBREAK 60	Włodawa, Lubelskie	TISSUE lymph node
27106/17	111	27106/17	OUTBREAK 60	Włodawa, Lubelskie	HOMOGENATE* lymph node
27106/17	112	27106/17	OUTBREAK 60	Włodawa, Lubelskie	DNA* lymph node
27300-2/17	113	27300-2/17	OUTBREAK 61	Kąkolewnica, Lubelskie	BLOOD SERUM
27300-2/17	114	27300-2/17	OUTBREAK 61	Kąkolewnica, Lubelskie	DNA* BLOOD
27300-8/17	115	27300-8/17	OUTBREAK 61	Kąkolewnica, Lubelskie	BLOOD SERUM
27300-8/17	116	27300-8/17	OUTBREAK 61	Kąkolewnica, Lubelskie	DNA* BLOOD
27474-2/17	117	27474-2/17	OUTBREAK 62	Włodawa, Lubelskie	BLOOD SERUM
27474-2/17	118	27474-2/17	OUTBREAK 62	Włodawa, Lubelskie	DNA* BLOOD
27474-3/17	119	27474-3/17	OUTBREAK 62	Włodawa, Lubelskie	BLOOD SERUM
27474-3/17	120	27474-3/17	OUTBREAK 62	Włodawa, Lubelskie	DNA* BLOOD
27474-4/17	121	27474-4/17	OUTBREAK 62	Włodawa, Lubelskie	BLOOD SERUM
27474-4/17	122	27474-4/17	OUTBREAK 62	Włodawa, Lubelskie	DNA* BLOOD
27474-6/17	123	27474-6/17	OUTBREAK 62	Włodawa, Lubelskie	BLOOD SERUM
27474-6/17	124	27474-6/17	OUTBREAK 62	Włodawa, Lubelskie	DNA* BLOOD
27582-1/17	125	27582-1/17	OUTBREAK 63	Terespol, Lubelskie	HOMOGENATE* CLOT
27582-1/17	126	27582-1/17	OUTBREAK 63	Terespol, Lubelskie	DNA* CLOT
27597/17	127	27597/17	OUTBREAK 63	Terespol, Lubelskie	BLOOD SERUM
27597/17	128	27597/17	OUTBREAK 63	Terespol, Lubelskie	DNA* BLOOD
27714-3/17	129	27714-3/17	OUTBREAK 61	Kąkolewnica, Lubelskie	BLOOD SERUM
27714-3/17	130	27714-3/17	OUTBREAK 61	Kąkolewnica, Lubelskie	DNA* BLOOD
27714-6/17	131	27714-6/17	OUTBREAK 61	Kąkolewnica, Lubelskie	BLOOD SERUM
27714-6/17	132	27714-6/17	OUTBREAK 61	Kąkolewnica, Lubelskie	DNA* BLOOD
27793-1/17	133	27793-1/17	OUTBREAK 64	Goniądz, Podlaskie	BLOOD SERUM
27793-1/17	134	27793-1/17	OUTBREAK 64	Goniądz, Podlaskie	DNA* BLOOD
27793-3/17	135	27793-3/17	OUTBREAK 64	Goniądz, Podlaskie	BLOOD SERUM
27793-3/17	136	27793-3/17	OUTBREAK 64	Goniądz, Podlaskie	DNA* BLOOD
27823-1/17	137	27823-1/17	OUTBREAK 65	Podędwórze, Lubelskie	BLOOD SERUM
27823-1/17	138	27823-1/17	OUTBREAK 65	Podędwórze, Lubelskie	DNA* BLOOD
27823-3/17	139	27823-3/17	OUTBREAK 65	Podędwórze, Lubelskie	BLOOD SERUM
27823-3/17	140	27823-3/17	OUTBREAK 65	Podędwórze, Lubelskie	DNA* BLOOD
27823-4/17	141	27823-4/17	OUTBREAK 65	Podędwórze, Lubelskie	BLOOD SERUM
27823-4/17	142	27823-4/17	OUTBREAK 65	Podędwórze, Lubelskie	DNA* BLOOD
27823-7/17	143	27823-7/17	OUTBREAK 65	Podędwórze, Lubelskie	BLOOD SERUM
27823-7/17	144	27823-7/17	OUTBREAK 65	Podędwórze, Lubelskie	DNA* BLOOD
27818-1/17	145	27818-1/17	OUTBREAK 60	Włodawa, Lubelskie	BLOOD SERUM
27818-1/17	146	27818-1/17	OUTBREAK 60	Włodawa, Lubelskie	DNA* BLOOD
27818-3/17	147	27818-3/17	OUTBREAK 60	Włodawa, Lubelskie	BLOOD SERUM
27799/17	148	27799/17	OUTBREAK 64	Goniądz, Podlaskie	TISSUE SPLEEN
27799/17	149	27799/17	OUTBREAK 64	Goniądz, Podlaskie	HOMOGENATE* SPLEEN
27799/17	150	27799/17	OUTBREAK 64	Goniądz, Podlaskie	DNA* SPLEEN
27799/17	151	27799/17	OUTBREAK 64	Goniądz, Podlaskie	TISSUE KIDNEY
27799/17	152	27799/17	OUTBREAK 64	Goniądz, Podlaskie	HOMOGENATE* KIDNEY
27799/17	153	27799/17	OUTBREAK 64	Goniądz, Podlaskie	DNA* KIDNEY
28027-7/17	154	28027-7/17	OUTBREAK 63	Terespol, Lubelskie	BLOOD SERUM



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28027-7/17	155	28027-7/17	OUTBREAK 63	Terespol, Lubelskie	DNA*	BLOOD
28039-2/17	156	28039-2/17	OUTBREAK 60	Włodawa, Lubelskie	BLOOD	SERUM
28039-2/17	157	28039-2/17	OUTBREAK 60	Włodawa, Lubelskie	DNA*	BLOOD
28039-3/17	158	28039-3/17	OUTBREAK 60	Włodawa, Lubelskie	BLOOD	SERUM
28039-3/17	159	28039-3/17	OUTBREAK 60	Włodawa, Lubelskie	DNA*	BLOOD
28039-23/17	160	28039-23/17	OUTBREAK 60	Włodawa, Lubelskie	BLOOD	SERUM
28039-23/17	161	28039-23/17	OUTBREAK 60	Włodawa, Lubelskie	DNA*	BLOOD
28563/17	162	28563/17	OUTBREAK 64	Goniądz, Podlaskie	TISSUE	BONE MARROW
28563/17	163	28563/17	OUTBREAK 64	Goniądz, Podlaskie	HOMOGENATE*	BONE MARROW
28563/17	164	28563/17	OUTBREAK 64	Goniądz, Podlaskie	DNA*	BONE MARROW
28563/17	165	28563/17	OUTBREAK 64	Goniądz, Podlaskie	DNA* 1/10	BONE MARROW
28704/17	166	28704/17	OUTBREAK 66	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
28704/17	167	28704/17	OUTBREAK 66	Międzyrzecz, Lubelskie	DNA*	CLOT
28884/17	168	28884/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	SPLEEN
28884/17	169	28884/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	SPLEEN
28884/17	170	28884/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	SPLEEN
28884/17	171	28884/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	KIDNEY
28884/17	172	28884/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	KIDNEY
28884/17	173	28884/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	KIDNEY
28885/17	174	28885/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	SPLEEN
28885/17	175	28885/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	SPLEEN
28885/17	176	28885/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	SPLEEN
28885/17	177	28885/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	KIDNEY
28885/17	178	28885/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	KIDNEY
28885/17	179	28885/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	KIDNEY
28886/17	180	28886/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	SPLEEN
28886/17	181	28886/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	SPLEEN
28886/17	182	28886/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	SPLEEN
28886/17	183	28886/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	KIDNEY
28886/17	184	28886/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	KIDNEY
28886/17	185	28886/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	KIDNEY
28887/17	186	28887/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	SPLEEN
28887/17	187	28887/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	SPLEEN
28887/17	188	28887/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	SPLEEN
28887/17	189	28887/17	OUTBREAK 67	Jadwabne, Podlaskie	TISSUE	KIDNEY
28887/17	190	28887/17	OUTBREAK 67	Jadwabne, Podlaskie	HOMOGENATE*	KIDNEY
28887/17	191	28887/17	OUTBREAK 67	Jadwabne, Podlaskie	DNA*	KIDNEY
28892-1/17	192	28892-1/17	OUTBREAK 68	Włodawa, Lubelskie	BLOOD	SERUM
28892-1/17	193	28892-1/17	OUTBREAK 68	Włodawa, Lubelskie	DNA*	BLOOD
29172/17	194	29172/17	OUTBREAK 69	Hanna, Lubelskie	TISSUE	SPLEEN
29172/17	195	29172/17	OUTBREAK 69	Hanna, Lubelskie	HOMOGENATE*	SPLEEN
29172/17	196	29172/17	OUTBREAK 69	Hanna, Lubelskie	DNA*	SPLEEN
29172/17	197	29172/17	OUTBREAK 69	Hanna, Lubelskie	TISSUE	LYMPH NODE
29172/17	198	29172/17	OUTBREAK 69	Hanna, Lubelskie	HOMOGENATE*	LYMPH NODE
29172/17	199	29172/17	OUTBREAK 69	Hanna, Lubelskie	DNA*	LYMPH NODE
29187-4/17	200	29187-4/17	OUTBREAK 70	Podedwórze, Lubelskie	HOMOGENATE*	CLOT
29187-4/17	201	29187-4/17	OUTBREAK 70	Podedwórze, Lubelskie	DNA*	CLOT
29188/17	202	29188/17	OUTBREAK 70	Podedwórze, Lubelskie	TISSUE	SPLEEN



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Animals received	Sample ID CISA	Sample laboratory code			TYPE SAMPLE RECEIVED	
		Id code in Poland's NRL	Sampling localization			
29188/17	203	29188/17	OUTBREAK 70	Podewórze, Lubelskie	HOMOGENATE*	SPLEEN
29188/17	204	29188/17	OUTBREAK 70	Podewórze, Lubelskie	DNA*	SPLEEN
29188/17	205	29188/17	OUTBREAK 70	Podewórze, Lubelskie	TISSUE	KIDNEY
29188/17	206	29188/17	OUTBREAK 70	Podewórze, Lubelskie	HOMOGENATE*	KIDNEY
29188/17	207	29188/17	OUTBREAK 70	Podewórze, Lubelskie	DNA*	KIDNEY
29348-24/17	208	29348-24/17	OUTBREAK 71	Hanna, Lubelskie	BLOOD	SERUM
29348-24/17	209	29348-24/17	OUTBREAK 71	Hanna, Lubelskie	DNA*	BLOOD
29348-25/17	210	29348-25/17	OUTBREAK 71	Hanna, Lubelskie	BLOOD	SERUM
29348-25/17	211	29348-25/17	OUTBREAK 71	Hanna, Lubelskie	DNA*	BLOOD
29395/17	212	29395/17	OUTBREAK 72	Podewórze, Lubelskie	HOMOGENATE*	CLOT
29395/17	213	29395/17	OUTBREAK 72	Podewórze, Lubelskie	DNA*	CLOT
29787/17	214	29787/17	OUTBREAK 73	Kąkolewnica, Lubelskie	TISSUE	SPLEEN
29787/17	215	29787/17	OUTBREAK 73	Kąkolewnica, Lubelskie	HOMOGENATE*	SPLEEN
29787/17	216	29787/17	OUTBREAK 73	Kąkolewnica, Lubelskie	DNA*	SPLEEN
29787/17	217	29787/17	OUTBREAK 73	Kąkolewnica, Lubelskie	TISSUE	KIDNEY
29787/17	218	29787/17	OUTBREAK 73	Kąkolewnica, Lubelskie	HOMOGENATE*	KIDNEY
29787/17	219	29787/17	OUTBREAK 73	Kąkolewnica, Lubelskie	DNA*	KIDNEY
29788-1/17	220	29788-1/17	OUTBREAK 73	Kąkolewnica, Lubelskie	BLOOD	SERUM
29788-1/17	221	29788-1/17	OUTBREAK 73	Kąkolewnica, Lubelskie	DNA*	BLOOD
29788-3/17	222	29788-3/17	OUTBREAK 74	Baila podlaska, Lubelskie	BLOOD	SERUM
29788-3/17	223	29788-3/17	OUTBREAK 74	Baila podlaska, Lubelskie	DNA*	BLOOD
29788-5/17	224	29788-5/17	OUTBREAK 74	Baila podlaska, Lubelskie	BLOOD	SERUM
29788-5/17	225	29788-5/17	OUTBREAK 74	Baila podlaska, Lubelskie	DNA*	BLOOD
29794/17	226	29794/17	OUTBREAK 75	Ślawatycze, Lubelskie	HOMOGENATE*	CLOT
29794/17	227	29794/17	OUTBREAK 75	Ślawatycze, Lubelskie	DNA*	CLOT
29795-3/17	228	29795-3/17	OUTBREAK 75	Ślawatycze, Lubelskie	BLOOD	SERUM
29795-3/17	229	29795-3/17	OUTBREAK 75	Ślawatycze, Lubelskie	DNA*	BLOOD
30038-3/17	230	30038-3/17	OUTBREAK 73	Kąkolewnica, Lubelskie	BLOOD	SERUM
30038-3/17	231	30038-3/17	OUTBREAK 73	Kąkolewnica, Lubelskie	DNA*	BLOOD
30038-25/17	232	30038-25/17	OUTBREAK 73	Kąkolewnica, Lubelskie	BLOOD	SERUM
30038-25/17	233	30038-25/17	OUTBREAK 73	Kąkolewnica, Lubelskie	DNA*	BLOOD
30346/17	234	30346/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	SPLEEN
30346/17	235	30346/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	SPLEEN
30346/17	236	30346/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	SPLEEN
30346/17	237	30346/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	KIDNEY
30346/17	238	30346/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	KIDNEY
30346/17	239	30346/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	KIDNEY
30347/17	240	30347/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	SPLEEN
30347/17	241	30347/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	SPLEEN
30347/17	242	30347/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	SPLEEN
30347/17	243	30347/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	KIDNEY
30347/17	244	30347/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	KIDNEY
30347/17	245	30347/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	KIDNEY
30347/17	246	30347/17	OUTBREAK 76	Rajgród, Podlaskie	BLOOD	SERUM
30347/17	247	30347/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	BLOOD
30348/17	248	30348/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	SPLEEN
30348/17	249	30348/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	SPLEEN
30348/17	250	30348/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	SPLEEN



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30348/17	251	30348/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	TONSIL
30348/17	252	30348/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	TONSIL
30348/17	253	30348/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	TONSIL
30349/17	254	30349/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	SPLEEN
30349/17	255	30349/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	SPLEEN
30349/17	256	30349/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	SPLEEN
30349/17	257	30349/17	OUTBREAK 76	Rajgród, Podlaskie	TISSUE	TONSIL
30349/17	258	30349/17	OUTBREAK 76	Rajgród, Podlaskie	HOMOGENATE*	TONSIL
30349/17	259	30349/17	OUTBREAK 76	Rajgród, Podlaskie	DNA*	TONSIL
30352/17	260	30352/17	OUTBREAK 77	Baila podlaska, Lubelskie	BLOOD	SERUM
30352/17	261	30352/17	OUTBREAK 77	Baila podlaska, Lubelskie	DNA*	BLOOD
30353-1/17	262	30353-1/17	OUTBREAK 77	Baila podlaska, Lubelskie	BLOOD	SERUM
30353-1/17	263	30353-1/17	OUTBREAK 77	Baila podlaska, Lubelskie	DNA*	BLOOD
30353-6/17	264	30353-6/17	OUTBREAK 77	Baila podlaska, Lubelskie	BLOOD	SERUM
30353-6/17	265	30353-6/17	OUTBREAK 77	Baila podlaska, Lubelskie	DNA*	BLOOD
30701/17	266	30701/17	OUTBREAK 79	Międzyrzecz, Lubelskie	BLOOD	SERUM
30701/17	267	30701/17	OUTBREAK 79	Międzyrzecz, Lubelskie	DNA*	BLOOD
30702-1/17	268	30702-1/17	OUTBREAK 79	Międzyrzecz, Lubelskie	BLOOD	SERUM
30702-1/17	269	30702-1/17	OUTBREAK 79	Międzyrzecz, Lubelskie	DNA*	BLOOD
30702-2/17	270	30702-2/17	OUTBREAK 79	Międzyrzecz, Lubelskie	BLOOD	SERUM
30702-2/17	271	30702-2/17	OUTBREAK 79	Międzyrzecz, Lubelskie	DNA*	BLOOD
30733/17	272	30733/17	not specified	Podedwórze, Lubelskie	HOMOGENATE*	BONE MARROW
30733/17	273	30733/17	not specified	Podedwórze, Lubelskie	DNA*	BONE MARROW
30733/17	274	30733/17	not specified	Podedwórze, Lubelskie	DNA* 1/10	BONE MARROW
30801-2/17	275	30801-2/17	OUTBREAK 80	Kąkolewnica, Lubelskie	BLOOD	SERUM
30801-2/17	276	30801-2/17	OUTBREAK 80	Kąkolewnica, Lubelskie	DNA*	BLOOD
30807/17	277	30807/17	OUTBREAK 78	Goniądz, Podlaskie	TISSUE	SPLEEN
30807/17	278	30807/17	OUTBREAK 78	Goniądz, Podlaskie	HOMOGENATE*	SPLEEN
30807/17	279	30807/17	OUTBREAK 78	Goniądz, Podlaskie	DNA*	SPLEEN
30807/17	280	30807/17	OUTBREAK 78	Goniądz, Podlaskie	TISSUE	KIDNEY
30807/17	281	30807/17	OUTBREAK 78	Goniądz, Podlaskie	HOMOGENATE*	KIDNEY
30807/17	282	30807/17	OUTBREAK 78	Goniądz, Podlaskie	DNA*	KIDNEY
30637-4/17	283	30637-4/17	OUTBREAK 79	Międzyrzecz, Lubelskie	BLOOD	SERUM
30637-4/17	284	30637-4/17	OUTBREAK 79	Międzyrzecz, Lubelskie	DNA*	BLOOD
31025/17	285	31025/17	OUTBREAK 83	Goniądz, Podlaskie	TISSUE	SPLEEN
31025/17	286	31025/17	OUTBREAK 83	Goniądz, Podlaskie	HOMOGENATE*	SPLEEN
31025/17	287	31025/17	OUTBREAK 83	Goniądz, Podlaskie	DNA*	SPLEEN
30827-1/17	288	30827-1/17	OUTBREAK 78	Goniądz, Podlaskie	BLOOD	SERUM
30827-1/17	289	30827-1/17	OUTBREAK 78	Goniądz, Podlaskie	DNA*	BLOOD
31029/17	290	31029/17	OUTBREAK 83	Goniądz, Podlaskie	TISSUE	SPLEEN
31029/17	291	31029/17	OUTBREAK 83	Goniądz, Podlaskie	HOMOGENATE*	SPLEEN
31029/17	292	31029/17	OUTBREAK 83	Goniądz, Podlaskie	DNA*	SPLEEN
31177/17	293	31177/17	OUTBREAK 81	Kąkolewnica, Lubelskie	TISSUE	SPLEEN
31177/17	294	31177/17	OUTBREAK 81	Kąkolewnica, Lubelskie	HOMOGENATE*	SPLEEN
31177/17	295	31177/17	OUTBREAK 81	Kąkolewnica, Lubelskie	DNA*	SPLEEN
31177/17	296	31177/17	OUTBREAK 81	Kąkolewnica, Lubelskie	TISSUE	KIDNEY
31177/17	297	31177/17	OUTBREAK 81	Kąkolewnica, Lubelskie	HOMOGENATE*	KIDNEY
31177/17	298	31177/17	OUTBREAK 81	Kąkolewnica, Lubelskie	DNA*	KIDNEY



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31178-4/17	299	31178-4/17	OUTBREAK 81	Kąkolewnica, Lubelskie	BLOOD	SERUM
31178-4/17	300	31178-4/17	OUTBREAK 81	Kąkolewnica, Lubelskie	DNA*	BLOOD
31179-2/17	301	31179-2/17	OUTBREAK 80	Kąkolewnica, Lubelskie	BLOOD	SERUM
31179-2/17	302	31179-2/17	OUTBREAK 80	Kąkolewnica, Lubelskie	DNA*	BLOOD
31188-3/17	303	31188-3/17	OUTBREAK 82	Kąkolewnica, Lubelskie	BLOOD	SERUM
31188-3/17	304	31188-3/17	OUTBREAK 82	Kąkolewnica, Lubelskie	DNA*	BLOOD
31217-2/17	305	31217-2/17	OUTBREAK 84	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
31217-2/17	306	31217-2/17	OUTBREAK 84	Międzyrzecz, Lubelskie	DNA*	CLOT
31263-18/17	307	31263-18/17	OUTBREAK 85	Międzyrzecz, Lubelskie	BLOOD	SERUM
31263-18/17	308	31263-18/17	OUTBREAK 85	Międzyrzecz, Lubelskie	DNA*	BLOOD
31263-22/17	309	31263-22/17	OUTBREAK 85	Międzyrzecz, Lubelskie	BLOOD	SERUM
31263-22/17	310	31263-22/17	OUTBREAK 85	Międzyrzecz, Lubelskie	DNA*	BLOOD
31280/17	311	31280/17	OUTBREAK 78	Goniądz, Podlaskie	TISSUE	SPLEEN
31280/17	312	31280/17	OUTBREAK 78	Goniądz, Podlaskie	HOMOGENATE*	SPLEEN
31280/17	313	31280/17	OUTBREAK 78	Goniądz, Podlaskie	DNA*	SPLEEN
31280/17	314	31280/17	OUTBREAK 78	Goniądz, Podlaskie	TISSUE	KIDNEY
31280/17	315	31280/17	OUTBREAK 78	Goniądz, Podlaskie	HOMOGENATE*	KIDNEY
31280/17	316	31280/17	OUTBREAK 78	Goniądz, Podlaskie	DNA*	KIDNEY
31366/17	317	31366/17	OUTBREAK 88	Korczew, Mazowieckie	TISSUE	SPLEEN
31366/17	318	31366/17	OUTBREAK 88	Korczew, Mazowieckie	HOMOGENATE*	SPLEEN
31366/17	319	31366/17	OUTBREAK 88	Korczew, Mazowieckie	DNA*	SPLEEN
31366/17	320	31366/17	OUTBREAK 88	Korczew, Mazowieckie	TISSUE	KIDNEY
31366/17	321	31366/17	OUTBREAK 88	Korczew, Mazowieckie	HOMOGENATE*	KIDNEY
31366/17	322	31366/17	OUTBREAK 88	Korczew, Mazowieckie	DNA*	KIDNEY
31377-1/17	323	31377-1/17	OUTBREAK 86	Międzyrzecz, Lubelskie	BLOOD	SERUM
31377-1/17	324	31377-1/17	OUTBREAK 86	Międzyrzecz, Lubelskie	DNA*	BLOOD
31378/17	325	31378/17	OUTBREAK 86	Międzyrzecz, Lubelskie	BLOOD	SERUM
31378/17	326	31378/17	OUTBREAK 86	Międzyrzecz, Lubelskie	DNA*	BLOOD
31396/17	327	31396/17	OUTBREAK 87	Baila podlaska, Lubelskie	BLOOD	SERUM
31396/17	328	31396/17	OUTBREAK 87	Baila podlaska, Lubelskie	DNA*	BLOOD
31374-1/17	329	31374-1/17	OUTBREAK 82	Kąkolewnica, Lubelskie	HOMOGENATE*	CLOT
31374-1/17	330	31374-1/17	OUTBREAK 82	Kąkolewnica, Lubelskie	DNA*	CLOT
31374-4/17	331	31374-4/17	OUTBREAK 82	Kąkolewnica, Lubelskie	BLOOD	SERUM
31375-2/17	332	31375-2/17	OUTBREAK 81	Kąkolewnica, Lubelskie	BLOOD	SERUM
31375-2/17	333	31375-2/17	OUTBREAK 81	Kąkolewnica, Lubelskie	DNA*	BLOOD
31275-45/17	334	31275-45/17	OUTBREAK 83	Goniądz, Podlaskie	BLOOD	SERUM
31275-45/17	335	31275-45/17	OUTBREAK 83	Goniądz, Podlaskie	DNA*	BLOOD
31275-47/17	336	31275-47/17	OUTBREAK 83	Goniądz, Podlaskie	BLOOD	SERUM
31275-47/17	337	31275-47/17	OUTBREAK 83	Goniądz, Podlaskie	DNA*	BLOOD
31275-52/17	338	31275-52/17	OUTBREAK 83	Goniądz, Podlaskie	BLOOD	SERUM
31275-52/17	339	31275-52/17	OUTBREAK 83	Goniądz, Podlaskie	DNA*	BLOOD
31275-53/17	340	31275-53/17	OUTBREAK 83	Goniądz, Podlaskie	BLOOD	SERUM
31275-53/17	341	31275-53/17	OUTBREAK 83	Goniądz, Podlaskie	DNA*	BLOOD
31611-1/17	342	31611-1/17	OUTBREAK 89	Janów Podlaski, Lubelskie	BLOOD	SERUM
31611-1/17	343	31611-1/17	OUTBREAK 89	Janów Podlaski, Lubelskie	DNA*	BLOOD
32113-20/17	344	32113-20/17	OUTBREAK 90	Międzyrzecz, Lubelskie	BLOOD	SERUM
32113-20/17	345	32113-20/17	OUTBREAK 90	Międzyrzecz, Lubelskie	DNA*	BLOOD
32114-5/17	346	32114-5/17	OUTBREAK 91	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT



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32114-5/17	347	32114-5/17	OUTBREAK 91	Międzyrzecz, Lubelskie	DNA*	CLOT
32311-1/17	348	32311-1/17	OUTBREAK 88	Korczew, Mazowieckie	BLOOD	SERUM
32311-1/17	349	32311-1/17	OUTBREAK 88	Korczew, Mazowieckie	DNA*	BLOOD
32311-2/17	350	32311-2/17	OUTBREAK 88	Korczew, Mazowieckie	BLOOD	SERUM
32311-2/17	351	32311-2/17	OUTBREAK 88	Korczew, Mazowieckie	DNA*	BLOOD
32312-8/17	352	32312-8/17	OUTBREAK 88	Korczew, Mazowieckie	BLOOD	SERUM
32312-8/17	353	32312-8/17	OUTBREAK 88	Korczew, Mazowieckie	DNA*	BLOOD
32737/17	354	32737/17	OUTBREAK 92	Korczew, Mazowieckie	TISSUE	SPLEEN
32737/17	355	32737/17	OUTBREAK 92	Korczew, Mazowieckie	HOMOGENATE*	SPLEEN
32737/17	356	32737/17	OUTBREAK 92	Korczew, Mazowieckie	DNA*	SPLEEN
32739-3/17	357	32739-3/17	OUTBREAK 92	Korczew, Mazowieckie	BLOOD	SERUM
32739-3/17	358	32739-3/17	OUTBREAK 92	Korczew, Mazowieckie	DNA*	BLOOD
32739-4/17	359	32739-4/17	OUTBREAK 92	Korczew, Mazowieckie	BLOOD	SERUM
32739-4/17	360	32739-4/17	OUTBREAK 92	Korczew, Mazowieckie	DNA*	BLOOD
33191/17	361	33191/17	OUTBREAK 93	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
33191/17	362	33191/17	OUTBREAK 93	Międzyrzecz, Lubelskie	DNA*	CLOT
34119-1/17	363	34119-1/17	OUTBREAK 94	Międzyrzecz, Lubelskie	BLOOD	SERUM
34119-1/17	364	34119-1/17	OUTBREAK 94	Międzyrzecz, Lubelskie	DNA*	BLOOD
34119-4/17	365	34119-4/17	OUTBREAK 94	Międzyrzecz, Lubelskie	BLOOD	SERUM
34119-4/17	366	34119-4/17	OUTBREAK 94	Międzyrzecz, Lubelskie	DNA*	BLOOD
35427/17	367	35427/17	OUTBREAK 95	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
35427/17	368	35427/17	OUTBREAK 95	Międzyrzecz, Lubelskie	DNA*	CLOT
35762-8/17	369	35762-8/17	OUTBREAK 96	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
35762-8/17	370	35762-8/17	OUTBREAK 96	Międzyrzecz, Lubelskie	DNA*	CLOT
35762-11/17	371	35762-11/17	OUTBREAK 96	Międzyrzecz, Lubelskie	BLOOD	SERUM
35762-11/17	372	35762-11/17	OUTBREAK 96	Międzyrzecz, Lubelskie	DNA*	BLOOD
35762-14/17	373	35762-14/17	OUTBREAK 96	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
35762-14/17	374	35762-14/17	OUTBREAK 96	Międzyrzecz, Lubelskie	DNA*	CLOT
36105-3/17	375	36105-3/17	OUTBREAK 97	Paprotnia, Mazowieckie	BLOOD	SERUM
36105-3/17	376	36105-3/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	BLOOD
36105-5/17	377	36105-5/17	OUTBREAK 97	Paprotnia, Mazowieckie	BLOOD	SERUM
36105-5/17	378	36105-5/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	BLOOD
36105-8/17	379	36105-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	BLOOD	SERUM
36105-8/17	380	36105-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	BLOOD
36105-11/17	381	36105-11/17	OUTBREAK 97	Paprotnia, Mazowieckie	BLOOD	SERUM
36105-11/17	382	36105-11/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	BLOOD
36106-1/17	383	36106-1/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36106-1/17	384	36106-1/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36106-1/17	385	36106-1/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN
36106-2/17	386	36106-2/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36106-2/17	387	36106-2/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36106-2/17	388	36106-2/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN
36106-4/17	389	36106-4/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36106-4/17	390	36106-4/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36106-4/17	391	36106-4/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN
36106-8/17	392	36106-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36106-8/17	393	36106-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36106-8/17	394	36106-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN



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36911-6/17	395	36911-6/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36911-6/17	396	36911-6/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36911-6/17	397	36911-6/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN
36911-7/17	398	36911-7/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36911-7/17	399	36911-7/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36911-7/17	400	36911-7/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN
36911-8/17	401	36911-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36911-8/17	402	36911-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36911-8/17	403	36911-8/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN
36911-10/17	404	36911-10/17	OUTBREAK 97	Paprotnia, Mazowieckie	TISSUE	SPLEEN
36911-10/17	405	36911-10/17	OUTBREAK 97	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
36911-10/17	406	36911-10/17	OUTBREAK 97	Paprotnia, Mazowieckie	DNA*	SPLEEN
36624-1/17	407	36624-1/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	HOMOGENATE*	CLOT
36624-1/17	408	36624-1/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	DNA*	CLOT
36624-2/17	409	36624-2/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	HOMOGENATE*	CLOT
36624-2/17	410	36624-2/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	DNA*	CLOT
36624-3/17	411	36624-3/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	HOMOGENATE*	CLOT
36624-3/17	412	36624-3/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	DNA*	CLOT
37405-4/17	413	37405-4/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	BLOOD	SERUM
37405-4/17	414	37405-4/17	OUTBREAK 98	Radzyń Podlaski, Lubelskie	DNA*	BLOOD
37403-4/17	415	37403-4/17	OUTBREAK 99	Międzyrzecz, Lubelskie	HOMOGENATE*	CLOT
37403-4/17	416	37403-4/17	OUTBREAK 99	Międzyrzecz, Lubelskie	DNA*	CLOT
37403-7/17	417	37403-7/17	OUTBREAK 99	Międzyrzecz, Lubelskie	BLOOD	SERUM
38879/17	418	38879/17	OUTBREAK 100	Lipsk, Podlaskie	TISSUE	SPLEEN
38879/17	419	38879/17	OUTBREAK 100	Lipsk, Podlaskie	HOMOGENATE*	SPLEEN
38879/17	420	38879/17	OUTBREAK 100	Lipsk, Podlaskie	DNA*	SPLEEN
38879/17	421	38879/17	OUTBREAK 100	Lipsk, Podlaskie	TISSUE	TONSIL
38879/17	422	38879/17	OUTBREAK 100	Lipsk, Podlaskie	HOMOGENATE*	TONSIL
38879/17	423	38879/17	OUTBREAK 100	Lipsk, Podlaskie	DNA*	TONSIL
39889-15/17	424	39889-15/17	OUTBREAK 101	Radzyń Podlaski, Lubelskie	HOMOGENATE*	CLOT
39889-15/17	425	39889-15/17	OUTBREAK 101	Radzyń Podlaski, Lubelskie	DNA*	CLOT
40575/17	426	40575/17	OUTBREAK 100	Lipsk, Podlaskie	TISSUE	SPLEEN
40575/17	427	40575/17	OUTBREAK 100	Lipsk, Podlaskie	HOMOGENATE*	SPLEEN
40575/17	428	40575/17	OUTBREAK 100	Lipsk, Podlaskie	DNA*	SPLEEN
40575/17	429	40575/17	OUTBREAK 100	Lipsk, Podlaskie	TISSUE	TONSIL
40575/17	430	40575/17	OUTBREAK 100	Lipsk, Podlaskie	HOMOGENATE*	TONSIL
40575/17	431	40575/17	OUTBREAK 100	Lipsk, Podlaskie	DNA*	TONSIL
40577/17	432	40577/17	OUTBREAK 100	Lipsk, Podlaskie	TISSUE	SPLEEN
40577/17	433	40577/17	OUTBREAK 100	Lipsk, Podlaskie	HOMOGENATE*	SPLEEN
40577/17	434	40577/17	OUTBREAK 100	Lipsk, Podlaskie	DNA*	SPLEEN
40577/17	435	40577/17	OUTBREAK 100	Lipsk, Podlaskie	TISSUE	TONSIL
40577/17	436	40577/17	OUTBREAK 100	Lipsk, Podlaskie	HOMOGENATE*	TONSIL
40577/17	437	40577/17	OUTBREAK 100	Lipsk, Podlaskie	DNA*	TONSIL
42471/17	438	42471/17	OUTBREAK 102	Międzyrzecz, Lubelskie	BLOOD	BLOOD
42471/17	439	42471/17	OUTBREAK 102	Międzyrzecz, Lubelskie	DNA*	BLOOD
42471-2/17	440	42471-2/17	OUTBREAK 102	Międzyrzecz, Lubelskie	BLOOD	SERUM
42471-2/17	441	42471-2/17	OUTBREAK 102	Międzyrzecz, Lubelskie	DNA*	BLOOD
42471-4/17	442	42471-4/17	OUTBREAK 102	Międzyrzecz, Lubelskie	BLOOD	SERUM



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Animals received	Sample ID CISA	Sample laboratory code			TYPE SAMPLE RECEIVED	
		Id code in Poland's NRL	Outbreak	Sampling localization		
42471-4/17	443	42471-4/17	OUTBREAK 102	Międzyrzecz, Lubelskie	DNA*	BLOOD
43217-3/17	444	43217-3/17	OUTBREAK 103	Międzyrzecz, Lubelskie	BLOOD	SERUM
43217-3/17	445	43217-3/17	OUTBREAK 103	Międzyrzecz, Lubelskie	DNA*	BLOOD
43217-6/17	446	43217-6/17	OUTBREAK 103	Międzyrzecz, Lubelskie	BLOOD	SERUM
43217-6/17	447	43217-6/17	OUTBREAK 103	Międzyrzecz, Lubelskie	DNA*	BLOOD
43217-7/17	448	43217-7/17	OUTBREAK 103	Międzyrzecz, Lubelskie	BLOOD	SERUM
43217-7/17	449	43217-7/17	OUTBREAK 103	Międzyrzecz, Lubelskie	DNA*	BLOOD
52842/17	450	52842/17	OUTBREAK 104	Włodawa, Lubelskie	TISSUE	SPLEEN
52842/17	451	52842/17	OUTBREAK 104	Włodawa, Lubelskie	HOMOGENATE*	SPLEEN
52842/17	452	52842/17	OUTBREAK 104	Włodawa, Lubelskie	DNA*	SPLEEN
52842/17	453	52842/17	OUTBREAK 104	Włodawa, Lubelskie	TISSUE	LYMPH NODE
52842/17	454	52842/17	OUTBREAK 104	Włodawa, Lubelskie	HOMOGENATE*	LYMPH NODE
52842/17	455	52842/17	OUTBREAK 104	Włodawa, Lubelskie	DNA*	LYMPH NODE
52843/17	456	52843/17	OUTBREAK 104	Włodawa, Lubelskie	TISSUE	SPLEEN
52843/17	457	52843/17	OUTBREAK 104	Włodawa, Lubelskie	HOMOGENATE*	SPLEEN
52843/17	458	52843/17	OUTBREAK 104	Włodawa, Lubelskie	DNA*	SPLEEN
52843/17	459	52843/17	OUTBREAK 104	Włodawa, Lubelskie	TISSUE	LYMPH NODE
52843/17	460	52843/17	OUTBREAK 104	Włodawa, Lubelskie	HOMOGENATE*	LYMPH NODE
52843/17	461	52843/17	OUTBREAK 104	Włodawa, Lubelskie	DNA*	LYMPH NODE
52844/17	462	52844/17	OUTBREAK 104	Włodawa, Lubelskie	TISSUE	SPLEEN
52844/17	463	52844/17	OUTBREAK 104	Włodawa, Lubelskie	HOMOGENATE*	SPLEEN
52844/17	464	52844/17	OUTBREAK 104	Włodawa, Lubelskie	DNA*	SPLEEN
52844/17	465	52844/17	OUTBREAK 104	Włodawa, Lubelskie	TISSUE	LYMPH NODE
52844/17	466	52844/17	OUTBREAK 104	Włodawa, Lubelskie	HOMOGENATE*	LYMPH NODE
52844/17	467	52844/17	OUTBREAK 104	Włodawa, Lubelskie	DNA*	LYMPH NODE
0001-12/18	468	0001-12/18	OUTBREAK 105	Paprotnia, Mazowieckie	BLOOD	SERUM
0001-12/18	469	0001-12/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	BLOOD
00001-21/18	470	00001-21/18	OUTBREAK 105	Paprotnia, Mazowieckie	BLOOD	SERUM
00001-21/18	471	00001-21/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	BLOOD
00002-2/18	472	00002-2/18	OUTBREAK 105	Paprotnia, Mazowieckie	TISSUE	SPLEEN
00002-2/18	473	00002-2/18	OUTBREAK 105	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
00002-2/18	474	00002-2/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	SPLEEN
00002-3/18	475	00002-3/18	OUTBREAK 105	Paprotnia, Mazowieckie	TISSUE	SPLEEN
00002-3/18	476	00002-3/18	OUTBREAK 105	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
00002-3/18	477	00002-3/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	SPLEEN
00002-4/18	478	00002-4/18	OUTBREAK 105	Paprotnia, Mazowieckie	TISSUE	SPLEEN
00002-4/18	479	00002-4/18	OUTBREAK 105	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
00002-4/18	480	00002-4/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	SPLEEN
00002-5/18	481	00002-5/18	OUTBREAK 105	Paprotnia, Mazowieckie	TISSUE	SPLEEN
00002-5/18	482	00002-5/18	OUTBREAK 105	Paprotnia, Mazowieckie	HOMOGENATE*	SPLEEN
00002-5/18	483	00002-5/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	SPLEEN
58448/17	484	58448/17	OUTBREAK 106	Korczew, Mazowieckie	TISSUE	SPLEEN
58448/17	485	58448/17	OUTBREAK 106	Korczew, Mazowieckie	HOMOGENATE*	SPLEEN
58448/17	486	58448/17	OUTBREAK 106	Korczew, Mazowieckie	DNA*	SPLEEN
00281-4/18	487	00281-4/18	OUTBREAK 105	Paprotnia, Mazowieckie	BLOOD	SERUM
00281-4/18	488	00281-4/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	BLOOD
00281-8/18	489	00281-8/18	OUTBREAK 105	Paprotnia, Mazowieckie	BLOOD	SERUM
00281-8/18	490	00281-8/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	BLOOD



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Animals received	Sample ID CISA	Sample laboratory code		TYPE SAMPLE RECEIVED		
		Id code in Poland's NRL	Sampling localization			
00281-9/18	491	00281-9/18	OUTBREAK 105	Paprotnia, Mazowieckie	BLOOD	SERUM
00281-9/18	492	00281-9/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	BLOOD
00281-12/18	493	00281-12/18	OUTBREAK 105	Paprotnia, Mazowieckie	BLOOD	SERUM
00281-12/18	494	00281-12/18	OUTBREAK 105	Paprotnia, Mazowieckie	DNA*	BLOOD
01578/18	495	01578/18	OUTBREAK 107	Kamarówka, Lubelskie	TISSUE	SPLEEN
01578/18	496	01578/18	OUTBREAK 107	Kamarówka, Lubelskie	HOMOGENATE*	SPLEEN
01578/18	497	01578/18	OUTBREAK 107	Kamarówka, Lubelskie	DNA*	SPLEEN
01578/18	498	01578/18	OUTBREAK 107	Kamarówka, Lubelskie	TISSUE	KIDNEY
01578/18	499	01578/18	OUTBREAK 107	Kamarówka, Lubelskie	HOMOGENATE*	KIDNEY
01578/18	500	01578/18	OUTBREAK 107	Kamarówka, Lubelskie	DNA*	KIDNEY
01781-6/18	501	01781-6/18	OUTBREAK 107	Kamarówka, Lubelskie	BLOOD	SERUM
01781-6/18	502	01781-6/18	OUTBREAK 107	Kamarówka, Lubelskie	DNA*	BLOOD
09285-1/18	503	09285-1/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09285-1/18	504	09285-1/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD
09285-13/18	505	09285-13/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09285-13/18	506	09285-13/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD
09285-15/18	507	09285-15/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09285-15/18	508	09285-15/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD
09285-18/18	509	09285-18/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09285-18/18	510	09285-18/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD
09286/18	511	09286/18	OUTBREAK 108	Jabłoń, Lubelskie	TISSUE	SPLEEN
09286/18	512	09286/18	OUTBREAK 108	Jabłoń, Lubelskie	HOMOGENATE*	SPLEEN
09286/18	513	09286/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	SPLEEN
09286/18	514	09286/18	OUTBREAK 108	Jabłoń, Lubelskie	TISSUE	KIDNEY
09286/18	515	09286/18	OUTBREAK 108	Jabłoń, Lubelskie	HOMOGENATE*	KIDNEY
09286/18	516	09286/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	KIDNEY
09287/18	517	09287/18	OUTBREAK 108	Jabłoń, Lubelskie	TISSUE	SPLEEN
09287/18	518	09287/18	OUTBREAK 108	Jabłoń, Lubelskie	HOMOGENATE*	SPLEEN
09287/18	519	09287/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	SPLEEN
09287/18	520	09287/18	OUTBREAK 108	Jabłoń, Lubelskie	TISSUE	KIDNEY
09287/18	521	09287/18	OUTBREAK 108	Jabłoń, Lubelskie	HOMOGENATE*	KIDNEY
09287/18	522	09287/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	KIDNEY
09659-2/18	523	09659-2/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09659-2/18	524	09659-2/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD
09659-4/18	525	09659-4/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09659-4/18	526	09659-4/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD
09659-20/18	527	09659-20/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09659-20/18	528	09659-20/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD
09659-28/18	529	09659-28/18	OUTBREAK 108	Jabłoń, Lubelskie	BLOOD	SERUM
09659-28/18	530	09659-28/18	OUTBREAK 108	Jabłoń, Lubelskie	DNA*	BLOOD

*SAMPLES PREVIOUSLY PROCESSED AT THE NRL

EXECUTION DATE: From May 21st to 4th October 2018.

ASF DIAGNOSTIC TESTS PERFORMED:



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1. ASF virological diagnosis.

- I. **ASF genome detection** → 10% (w/v) clarified homogenized tissue suspensions have been prepared in phosphate-buffered saline [PNT/CISA/PPA/MUESTRAS/1]. The DNA has been extracted from the 91 tissue homogenates prepared at the EURL, the 111 tissue homogenates received, 1 blood-EDTA and 108 sera using the High Pure PCR Template Preparation Kit [Ref. 11796828001 (ROCHE)] following the standardised procedure [PNT/CISA/PPA/EXTRACCIÓN ADN/1]. For amplification of the ASFV genomic DNA the UPL real-time PCR (Fernández-Pinero *et al.*, 2013) [PNT/CISA/PPA/PCR/3] has been carried out using the undiluted extracted DNA at the EURL and for all DNA samples (219) previously extracted at the NRL.
- II. **ASF virus isolation and haemadsorption (HAD) assay*** [PNT/CISA/PPA/VI/1] → was performed on porcine blood monocytes (PBM) according is described in the OIE Manual (OIE 2012). The PBM were inoculated at a multiplicity of infection (moi) 1:10 with 108 PCR positive domestic pig samples (8 wells/per sample; 10 µl inoculum per well) representatives of each of the 57 outbreaks received (outbreak 51 to 108). After inoculation, a preparation of 1% homologous red blood cells in phosphate-buffered saline was added to each well and incubated at 95% relative humidity with 5% CO₂, at 37°C. The plates have been examined for haemadsorption over a period of seven days. Samples have been passaged three times.

2. **ASF serological diagnosis** → For ASF antibody detection, the 108 sera were tested using the OIE-Indirect ELISA [PNT/CISA/PPA/ELISA/1] following by the confirmation of positive and/or doubtful results by the OIE-Immunoblotting test [PNT/CISA/PPA/IB/1]. All sera were tested using the indirect immunoperoxidase technique (IPT)* [PNT/CISA/PPA/IPT/1]. In addition, 57 tissue's exudate and the blood-EDTA have been tested using the indirect immunoperoxidase technique (IPT)* [PNT/CISA/PPA/IPT/1], in two fold dilutions starting from 1/20. The 10% (w/v) clarified **homogenized tissue suspensions from 5 tissues which did not exudate** were tested in two fold dilutions but starting from 1/5.

3. **ASFV molecular characterization*** → Genetic characterization of ASFV has been done from **58 PCR positive domestic pig samples** representatives of each of the 57 outbreaks received. The genotyping has been achieved by PCR and further sequencing, analysing four regions of the ASFV genome which comprises; i) the C-terminal end of VP72 coding protein gene, which differentiates up to 24 distinct genotypes (Boshoff *et al.*, 2007; Achenbach JE *et al.*, 2016; Quembo *et al.*, 2017), ii) the intergenic region located between the *I73R* and *I329L* genes and characterized by the presence of TRS (Gallardo *et al.*, 2014), iii) the central variable region (CVR) within the *B602L*-gene (Gallardo *et al.*, 2011) and iv) the intergenic region between the multigene family (MGF) *505 9R* and the *10R* genes of ASFV genome (Elsukova, A., *et al.*, 2016). The nucleotide sequences obtained have been compared with **1,271 representative genotype II ASFVs isolated since April 2007 up to September 2018 from wild and domestic pigs in Eastern and Central European countries** (Belgium, Bulgaria, Romania, Hungary, Czech Republic, Lithuania, Poland, Latvia, Estonia, Belarus, Ukraine, Armenia, Azerbaijan, Georgia, Moldova and Russia Federation) available at the EURL.



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RESULTS

1.1. ASF VIRUS DETECTION → a **positive ASFV result** has been obtained by the UPL real-time PCR in **524 out of 530 samples tested, confirming the presence of ASFV in all domestic pigs received**. The weak positive result (Ct>35) obtained in samples identified as 17, 38, 65, 76, 95, 152, 156, 164, 165, 238, 244, 280, 286, 321, 370, 429, 470, 471 and 493 (ID CISA) was confirmed in a second PCR amplification run in which the extracted DNA per each sample was analysed by duplicate. Only was possible to isolate the virus from one domestic pig sample (outbreak 73- ID CISA 214) after three passages in PBM cells (haemadsorbing pattern). The results for virus detection are summarized in **table 2**.

Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
1	OUTBREAK 51	24354-1/17	BLOOD	SERUM	23.88 ¹	NT	NT	POS	NT
2	OUTBREAK 51	24354-1/17	DNA*	BLOOD	21.75	NT	NT	POS	NT
3	OUTBREAK 52	24663/17	HOMOGENATE*	CLOT	23.69	NT	NT	POS	NEG
4	OUTBREAK 52	24663/17	DNA*	CLOT	24.25	NT	NT	POS	NT
5	OUTBREAK 51	24730/17	TISSUE	SPLEEN	19.2	NT	NT	POS	NEG
6	OUTBREAK 51	24730/17	HOMOGENATE*	SPLEEN	22.53	NT	NT	POS	NEG
7	OUTBREAK 51	24730/17	DNA*	SPLEEN	17.84	NT	NT	POS	NT
8	OUTBREAK 51	24730/17	TISSUE	KIDNEY	23.21	NT	NT	POS	NT
9	OUTBREAK 51	24730/17	HOMOGENATE*	KIDNEY	22.85	NT	NT	POS	NT
10	OUTBREAK 51	24730/17	DNA*	KIDNEY	20.2	NT	NT	POS	NT
11	OUTBREAK 53	25476/17	BLOOD	SERUM	26.83	NT	NT	POS	NEG
12	OUTBREAK 53	25476/17	DNA*	BLOOD	26.48	NT	NT	POS	NT
13	OUTBREAK 54	26023-2/17	BLOOD	SERUM	27.15	NT	NT	POS	NT
14	OUTBREAK 54	26023-2/17	DNA*	BLOOD	26.48	NT	NT	POS	NT
15	OUTBREAK 54	26023-6/17	BLOOD	SERUM	30.15 ¹	NT	NT	POS	NT
16	OUTBREAK 54	26023-6/17	DNA*	BLOOD	32.37	NT	NT	POS	NT
17	OUTBREAK 54	26023-7/17	BLOOD	SERUM	36.76 ¹	35.1	36.5	WEAK	NT
18	OUTBREAK 54	26023-7/17	DNA*	BLOOD	31.88	NT	NT	POS	NT
19	OUTBREAK 54	26024/17	TISSUE	SPLEEN	22.27	NT	NT	POS	NEG
20	OUTBREAK 54	26024/17	HOMOGENATE*	SPLEEN	21.62	NT	NT	POS	NEG
21	OUTBREAK 54	26024/17	DNA*	SPLEEN	20.85	NT	NT	POS	NT
22	OUTBREAK 54	26024/17	TISSUE	KIDNEY	30.16	NT	NT	POS	NT
23	OUTBREAK 54	26024/17	HOMOGENATE*	KIDNEY	29.11	NT	NT	POS	NT
24	OUTBREAK 54	26024/17	DNA*	KIDNEY	27.4	NT	NT	POS	NT
25	OUTBREAK 54	26218/17	TISSUE	SPLEEN	25.2	NT	NT	POS	NEG
26	OUTBREAK 54	26218/17	HOMOGENATE*	SPLEEN	19.25	NT	NT	POS	NEG
27	OUTBREAK 54	26218/17	DNA*	SPLEEN	34.31	NT	NT	POS	NT
28	OUTBREAK 54	26218/17	TISSUE	KIDNEY	29.58	NT	NT	POS	NT
29	OUTBREAK 54	26218/17	HOMOGENATE*	KIDNEY	27.33	NT	NT	POS	NT
30	OUTBREAK 54	26218/17	DNA*	KIDNEY	24.25	NT	NT	POS	NT
31	OUTBREAK 54	26217-4/17	BLOOD	SERUM	23.21	NT	NT	POS	NT
32	OUTBREAK 54	26217-4/17	DNA*	BLOOD	26.47	NT	NT	POS	NT
33	OUTBREAK 54	26217-6/17	BLOOD	SERUM	28.67	NT	NT	POS	NT
34	OUTBREAK 54	26217-6/17	DNA*	BLOOD	28.24	NT	NT	POS	NT
35	OUTBREAK 55	26219-5/17	BLOOD	SERUM	28.8	NT	NT	POS	NT
36	OUTBREAK 55	26219-5/17	DNA*	BLOOD	24.64	NT	NT	POS	NT
37	OUTBREAK 55	26219-7/17	BLOOD	SERUM	23.95 ¹	NT	NT	POS	NEG



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
38	OUTBREAK 55	26219-7/17	DNA*	BLOOD	37.27	22.7	23.19	POS	NT
39	OUTBREAK 59	26265/17	BLOOD	SERUM	23.35 ¹	NT	NT	POS	NEG
40	OUTBREAK 59	26265/17	DNA*	BLOOD	25.36	NT	NT	POS	NT
41	OUTBREAK 58	26539-5/17	BLOOD	SERUM	26.07	NT	NT	POS	NT
42	OUTBREAK 58	26539-5/17	DNA*	BLOOD	25.02	NT	NT	POS	NT
43	OUTBREAK 58	26539-6/17	BLOOD	SERUM	24.03	NT	NT	POS	NT
44	OUTBREAK 58	26539-6/17	DNA*	BLOOD	23.18	NT	NT	POS	NT
45	OUTBREAK 58	26541/17	TISSUE	SPLEEN	24.29	NT	NT	POS	NEG
46	OUTBREAK 58	26541/17	HOMOGENATE*	SPLEEN	20.99	NT	NT	POS	NEG
47	OUTBREAK 58	26541/17	DNA*	SPLEEN	25.87	NT	NT	POS	NT
48	OUTBREAK 58	26541/17	TISSUE	KIDNEY	27.5	NT	NT	POS	NT
49	OUTBREAK 58	26541/17	HOMOGENATE*	KIDNEY	25.12	NT	NT	POS	NT
50	OUTBREAK 58	26541/17	DNA*	KIDNEY	26.85	NT	NT	POS	NT
51	OUTBREAK 58	26747-3/17	BLOOD	SERUM	21.03	NT	NT	POS	NT
52	OUTBREAK 58	26747-3/17	DNA*	BLOOD	19.97	NT	NT	POS	NT
53	OUTBREAK 58	26763/17	HOMOGENATE*	CLOT	19.17	NT	NT	POS	NT
54	OUTBREAK 58	26763/17	DNA*	CLOT	21.82	NT	NT	POS	NT
55	OUTBREAK 58	26748/17	TISSUE	SPLEEN	23.75	NT	NT	POS	NEG
56	OUTBREAK 58	26748/17	HOMOGENATE*	SPLEEN	20.79	NT	NT	POS	NEG
57	OUTBREAK 58	26748/17	DNA*	SPLEEN	25.79	NT	NT	POS	NT
58	OUTBREAK 58	26748/17	TISSUE	KIDNEY	32.75	NT	NT	POS	NT
59	OUTBREAK 58	26748/17	HOMOGENATE*	KIDNEY	24.08	NT	NT	POS	NT
60	OUTBREAK 58	26748/17	DNA*	KIDNEY	29.07	NT	NT	POS	NT
61	OUTBREAK 58	26749/17	TISSUE	SPLEEN	31.33	NT	NT	POS	NT
62	OUTBREAK 58	26749/17	HOMOGENATE*	SPLEEN	20.19	NT	NT	POS	NT
63	OUTBREAK 58	26749/17	DNA*	SPLEEN	19.66	NT	NT	POS	NT
64	OUTBREAK 58	26749/17	TISSUE	KIDNEY	34.95	NT	NT	POS	NT
65	OUTBREAK 58	26749/17	HOMOGENATE*	KIDNEY	35.4	36.1	36.5	WEAK	NT
66	OUTBREAK 58	26749/17	DNA*	KIDNEY	25.99	NT	NT	POS	NT
67	OUTBREAK 58	27750/17	TISSUE	SPLEEN	30.38	NT	NT	POS	NT
68	OUTBREAK 58	27750/17	HOMOGENATE*	SPLEEN	28.97	NT	NT	POS	NT
69	OUTBREAK 58	27750/17	DNA*	SPLEEN	20.18	NT	NT	POS	NT
70	OUTBREAK 58	27750/17	TISSUE	KIDNEY	34.63	NT	NT	POS	NT
71	OUTBREAK 58	27750/17	HOMOGENATE*	KIDNEY	33.15	NT	NT	POS	NT
72	OUTBREAK 58	27750/17	DNA*	KIDNEY	31.03	NT	NT	POS	NT
73	OUTBREAK 58	26751/17	TISSUE	SPLEEN	25.38	NT	NT	POS	NEG
74	OUTBREAK 58	26751/17	HOMOGENATE*	SPLEEN	27.16	NT	NT	POS	NT
75	OUTBREAK 58	26751/17	DNA*	SPLEEN	19.87	NT	NT	POS	NT
76	OUTBREAK 58	26751/17	TISSUE	KIDNEY	36.77	37.3	37.28	WEAK	NT
77	OUTBREAK 58	26751/17	HOMOGENATE*	KIDNEY	34.22	NT	NT	POS	NT
78	OUTBREAK 58	26751/17	DNA*	KIDNEY	25.17	NT	NT	POS	NT
79	OUTBREAK 58	26752/17	TISSUE	SPLEEN	28.43	NT	NT	POS	NT
80	OUTBREAK 58	26752/17	HOMOGENATE*	SPLEEN	23.86	NT	NT	POS	NEG
81	OUTBREAK 58	26752/17	DNA*	SPLEEN	20.36	NT	NT	POS	NT
82	OUTBREAK 58	26753/17	TISSUE	SPLEEN	29.19	NT	NT	POS	NT
83	OUTBREAK 58	26753/17	HOMOGENATE*	SPLEEN	27.69	NT	NT	POS	NT
84	OUTBREAK 58	26753/17	DNA*	SPLEEN	19.55	NT	NT	POS	NT
85	OUTBREAK 58	26754/17	TISSUE	SPLEEN	30.1	NT	NT	POS	NT
86	OUTBREAK 58	26754/17	HOMOGENATE*	SPLEEN	29.83	NT	NT	POS	NT
87	OUTBREAK 58	26754/17	DNA*	SPLEEN	20.27	NT	NT	POS	NT
88	OUTBREAK 58	26755/17	TISSUE	SPLEEN	28.21	NT	NT	POS	NT
89	OUTBREAK 58	26755/17	HOMOGENATE*	SPLEEN	28.55	NT	NT	POS	NT
90	OUTBREAK 58	26755/17	DNA*	SPLEEN	21.49	NT	NT	POS	NT
91	OUTBREAK 57	26983-7/17	BLOOD	SERUM	22.22	NT	NT	POS	NEG



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
92	OUTBREAK 57	26983-7/17	DNA*	BLOOD	19.55	NT	NT	POS	NT
93	OUTBREAK 57	26983-8/17	BLOOD	SERUM	24.43 ¹	NT	NT	POS	NT
94	OUTBREAK 57	26983-8/17	DNA*	BLOOD	22.05	NT	NT	POS	NT
95	OUTBREAK 56	27061-7/17	BLOOD	SERUM	35.36 ¹	34.8	35.02	WEAK	NT
96	OUTBREAK 56	27061-7/17	DNA*	BLOOD	28.1	NT	NT	POS	NT
97	OUTBREAK 56	27061-17/17	BLOOD	SERUM	30.18 ¹	NT	NT	POS	NEG
98	OUTBREAK 56	27061-17/17	DNA*	BLOOD	28.1	NT	NT	POS	NT
99	OUTBREAK 56	27061-19/17	BLOOD	SERUM	34.41	NT	NT	POS	NT
100	OUTBREAK 56	27061-19/17	DNA*	BLOOD	27.66	NT	NT	POS	NT
101	OUTBREAK 60	27105/17	TISSUE	SPLEEN	23.63	NT	NT	POS	NEG
102	OUTBREAK 60	27105/17	HOMOGENATE*	SPLEEN	28.46	NT	NT	POS	NT
103	OUTBREAK 60	27105/17	DNA*	SPLEEN	20.41	NT	NT	POS	NT
104	OUTBREAK 60	27105/17	TISSUE	LYMPH NODE	28.27	NT	NT	POS	NT
105	OUTBREAK 60	27105/17	HOMOGENATE*	LYMPH NODE	33.76	NT	NT	POS	NT
106	OUTBREAK 60	27105/17	DNA*	LYMPH NODE	19.95	NT	NT	POS	NT
107	OUTBREAK 60	27106/17	TISSUE	SPLEEN	20.71	NT	NT	POS	NEG
108	OUTBREAK 60	27106/17	HOMOGENATE*	SPLEEN	25.85	NT	NT	POS	NEG
109	OUTBREAK 60	27106/17	DNA*	SPLEEN	19.68	NT	NT	POS	NT
110	OUTBREAK 60	27106/17	TISSUE	LYMPH NODE	27.17	NT	NT	POS	NT
111	OUTBREAK 60	27106/17	HOMOGENATE*	LYMPH NODE	32.89	NT	NT	POS	NT
112	OUTBREAK 60	27106/17	DNA*	LYMPH NODE	22.57	NT	NT	POS	NT
113	OUTBREAK 61	27300-2/17	BLOOD	SERUM	26.68 ¹	NT	NT	POS	NT
114	OUTBREAK 61	27300-2/17	DNA*	BLOOD	25.4	NT	NT	POS	NT
115	OUTBREAK 61	27300-8/17	BLOOD	SERUM	24.23	NT	NT	POS	NEG
116	OUTBREAK 61	27300-8/17	DNA*	BLOOD	25.1	NT	NT	POS	NT
117	OUTBREAK 62	27474-2/17	BLOOD	SERUM	32.9	NT	NT	POS	NT
118	OUTBREAK 62	27474-2/17	DNA*	BLOOD	20.57	NT	NT	POS	NT
119	OUTBREAK 62	27474-3/17	BLOOD	SERUM	21.44 ¹	NT	NT	POS	NEG
120	OUTBREAK 62	27474-3/17	DNA*	BLOOD	19.67	NT	NT	POS	NT
121	OUTBREAK 62	27474-4/17	BLOOD	SERUM	23.62	NT	NT	POS	NT
122	OUTBREAK 62	27474-4/17	DNA*	BLOOD	19.71	NT	NT	POS	NT
123	OUTBREAK 62	27474-6/17	BLOOD	SERUM	21.13 ¹	NT	NT	POS	NT
124	OUTBREAK 62	27474-6/17	DNA*	BLOOD	19.59	NT	NT	POS	NT
125	OUTBREAK 63	27582-1/17	HOMOGENATE*	CLOT	24.96	NT	NT	POS	NT
126	OUTBREAK 63	27582-1/17	DNA*	CLOT	26.19	NT	NT	POS	NT
127	OUTBREAK 63	27597/17	BLOOD	SERUM	19.75	NT	NT	POS	NEG
128	OUTBREAK 63	27597/17	DNA*	BLOOD	18.19	NT	NT	POS	NT
129	OUTBREAK 61	27714-3/17	BLOOD	SERUM	22.61	NT	NT	POS	NT
130	OUTBREAK 61	27714-3/17	DNA*	BLOOD	19.66	NT	NT	POS	NT
131	OUTBREAK 61	27714-6/17	BLOOD	SERUM	27.47	NT	NT	POS	NT
132	OUTBREAK 61	27714-6/17	DNA*	BLOOD	25.12	NT	NT	POS	NT
133	OUTBREAK 64	27793-1/17	BLOOD	SERUM	24.01	NT	NT	POS	NT
134	OUTBREAK 64	27793-1/17	DNA*	BLOOD	25.75	NT	NT	POS	NT
135	OUTBREAK 64	27793-3/17	BLOOD	SERUM	21.59	NT	NT	POS	NEG
136	OUTBREAK 64	27793-3/17	DNA*	BLOOD	22.36	NT	NT	POS	NT
137	OUTBREAK 65	27823-1/17	BLOOD	SERUM	25.85	NT	NT	POS	NT
138	OUTBREAK 65	27823-1/17	DNA*	BLOOD	25.64	NT	NT	POS	NT
139	OUTBREAK 65	27823-3/17	BLOOD	SERUM	21.18	NT	NT	POS	NT
140	OUTBREAK 65	27823-3/17	DNA*	BLOOD	22.02	NT	NT	POS	NT
141	OUTBREAK 65	27823-4/17	BLOOD	SERUM	23.26	NT	NT	POS	NT
142	OUTBREAK 65	27823-4/17	DNA*	BLOOD	20.68	NT	NT	POS	NT
143	OUTBREAK 65	27823-7/17	BLOOD	SERUM	21.97	NT	NT	POS	NEG
144	OUTBREAK 65	27823-7/17	DNA*	BLOOD	21.48	NT	NT	POS	NT
145	OUTBREAK 60	27818-1/17	BLOOD	SERUM	20.89	NT	NT	POS	NT



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (8 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
146	OUTBREAK 60	27818-1/17	DNA*	BLOOD	19.73	NT	NT	POS	NT
147	OUTBREAK 60	27818-3/17	BLOOD	SERUM	27.28 ¹	NT	NT	POS	NT
148	OUTBREAK 64	27799/17	TISSUE	SPLEEN	22.39	NT	NT	POS	NEG
149	OUTBREAK 64	27799/17	HOMOGENATE*	SPLEEN	26.66	NT	NT	POS	NEG
150	OUTBREAK 64	27799/17	DNA*	SPLEEN	20.33	NT	NT	POS	NT
151	OUTBREAK 64	27799/17	TISSUE	KIDNEY	29.14	NT	NT	POS	NT
152	OUTBREAK 64	27799/17	HOMOGENATE*	KIDNEY	36.04	35.5	35.48	WEAK	NT
153	OUTBREAK 64	27799/17	DNA*	KIDNEY	24.24	NT	NT	POS	NT
154	OUTBREAK 63	28027-7/17	BLOOD	SERUM	30.66	NT	NT	POS	NT
155	OUTBREAK 63	28027-7/17	DNA*	BLOOD	27.72	NT	NT	POS	NT
156	OUTBREAK 60	28039-2/17	BLOOD	SERUM	35.05 ¹	35	35.85	WEAK	NT
157	OUTBREAK 60	28039-2/17	DNA*	BLOOD	32.72	NT	NT	POS	NT
158	OUTBREAK 60	28039-3/17	BLOOD	SERUM	31.54 ¹	NT	NT	POS	NT
159	OUTBREAK 60	28039-3/17	DNA*	BLOOD	31.84	NT	NT	POS	NT
160	OUTBREAK 60	28039-23/17	BLOOD	SERUM	25.34 ¹	NT	NT	POS	NT
161	OUTBREAK 60	28039-23/17	DNA*	BLOOD	21.05	NT	NT	POS	NT
162	OUTBREAK 64	28563/17	TISSUE	BONE MARROW	No Ct	NT	NT	NEG	NT
163	OUTBREAK 64	28563/17	HOMOGENATE*	BONE MARROW	No Ct	NT	NT	NEG	NT
164	OUTBREAK 64	28563/17	DNA*	BONE MARROW	36.65	36.6	35.29	WEAK	NT
165	OUTBREAK 64	28563/17	DNA* 1/10	BONE MARROW	39.75	38.8	No ct	WEAK	NT
166	OUTBREAK 66	28704/17	HOMOGENATE*	CLOT	20.18	NT	NT	POS	NEG
167	OUTBREAK 66	28704/17	DNA*	CLOT	20.55	NT	NT	POS	NT
168	OUTBREAK 67	28884/17	TISSUE	SPLEEN	21.02	NT	NT	POS	NEG
169	OUTBREAK 67	28884/17	HOMOGENATE*	SPLEEN	21.18	NT	NT	POS	NEG
170	OUTBREAK 67	28884/17	DNA*	SPLEEN	18.12	NT	NT	POS	NT
171	OUTBREAK 67	28884/17	TISSUE	KIDNEY	23.36	NT	NT	POS	NT
172	OUTBREAK 67	28884/17	HOMOGENATE*	KIDNEY	28.3	NT	NT	POS	NT
173	OUTBREAK 67	28884/17	DNA*	KIDNEY	22.36	NT	NT	POS	NT
174	OUTBREAK 67	28885/17	TISSUE	SPLEEN	24.16	NT	NT	POS	NEG
175	OUTBREAK 67	28885/17	HOMOGENATE*	SPLEEN	22.09	NT	NT	POS	NEG
176	OUTBREAK 67	28885/17	DNA*	SPLEEN	19.54	NT	NT	POS	NT
177	OUTBREAK 67	28885/17	TISSUE	KIDNEY	22.98	NT	NT	POS	NT
178	OUTBREAK 67	28885/17	HOMOGENATE*	KIDNEY	25.59	NT	NT	POS	NT
179	OUTBREAK 67	28885/17	DNA*	KIDNEY	22.76	NT	NT	POS	NT
180	OUTBREAK 67	28886/17	TISSUE	SPLEEN	23.27	NT	NT	POS	NT
181	OUTBREAK 67	28886/17	HOMOGENATE*	SPLEEN	25.59	NT	NT	POS	NT
182	OUTBREAK 67	28886/17	DNA*	SPLEEN	18.1	NT	NT	POS	NT
183	OUTBREAK 67	28886/17	TISSUE	KIDNEY	24.31	NT	NT	POS	NT
184	OUTBREAK 67	28886/17	HOMOGENATE*	KIDNEY	29.17	NT	NT	POS	NT
185	OUTBREAK 67	28886/17	DNA*	KIDNEY	20.72	NT	NT	POS	NT
186	OUTBREAK 67	28887/17	TISSUE	SPLEEN	21.42	NT	NT	POS	NEG
187	OUTBREAK 67	28887/17	HOMOGENATE*	SPLEEN	24.94	NT	NT	POS	NEG
188	OUTBREAK 67	28887/17	DNA*	SPLEEN	18.15	NT	NT	POS	NT
189	OUTBREAK 67	28887/17	TISSUE	KIDNEY	23.95	NT	NT	POS	NT
190	OUTBREAK 67	28887/17	HOMOGENATE*	KIDNEY	32.21	NT	NT	POS	NT
191	OUTBREAK 67	28887/17	DNA*	KIDNEY	22.57	NT	NT	POS	NT
192	OUTBREAK 68	28892-1/17	BLOOD	SERUM	29.56 ¹	NT	NT	POS	NEG
193	OUTBREAK 68	28892-1/17	DNA*	BLOOD	24.94	NT	NT	POS	NT
194	OUTBREAK 69	29172/17	TISSUE	SPLEEN	25.7	NT	NT	POS	NEG
195	OUTBREAK 69	29172/17	HOMOGENATE*	SPLEEN	20.79	NT	NT	POS	NEG
196	OUTBREAK 69	29172/17	DNA*	SPLEEN	20.16	NT	NT	POS	NT
197	OUTBREAK 69	29172/17	TISSUE	LYMPH NODE	26.84	NT	NT	POS	NT
198	OUTBREAK 69	29172/17	HOMOGENATE*	LYMPH NODE	30.94	NT	NT	POS	NT
199	OUTBREAK 69	29172/17	DNA*	LYMPH NODE	21.23	NT	NT	POS	NT



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
200	OUTBREAK 70	29187-4/17	HOMOGENATE*	CLOT	17.95	NT	NT	POS	NEG
201	OUTBREAK 70	29187-4/17	DNA*	CLOT	18.62	NT	NT	POS	NT
202	OUTBREAK 70	29188/17	TISSUE	SPLEEN	23.66	NT	NT	POS	NT
203	OUTBREAK 70	29188/17	HOMOGENATE*	SPLEEN	26.06	NT	NT	POS	NT
204	OUTBREAK 70	29188/17	DNA*	SPLEEN	20.7	NT	NT	POS	NT
205	OUTBREAK 70	29188/17	TISSUE	KIDNEY	34.29	NT	NT	POS	NT
206	OUTBREAK 70	29188/17	HOMOGENATE*	KIDNEY	33.87	NT	NT	POS	NT
207	OUTBREAK 70	29188/17	DNA*	KIDNEY	24.38	NT	NT	POS	NT
208	OUTBREAK 71	29348-24/17	BLOOD	SERUM	30.81 ¹	NT	NT	POS	NEG
209	OUTBREAK 71	29348-24/17	DNA*	BLOOD	22.9	NT	NT	POS	NT
210	OUTBREAK 71	29348-25/17	BLOOD	SERUM	28.74	NT	NT	POS	NEG
211	OUTBREAK 71	29348-25/17	DNA*	BLOOD	19.73	NT	NT	POS	NT
212	OUTBREAK 72	29395/17	HOMOGENATE*	CLOT	18.93	NT	NT	POS	NEG
213	OUTBREAK 72	29395/17	DNA*	CLOT	19.12	NT	NT	POS	NT
214	OUTBREAK 73	29787/17	TISSUE	SPLEEN	20.29	NT	NT	POS	POS
215	OUTBREAK 73	29787/17	HOMOGENATE*	SPLEEN	21.83	NT	NT	POS	NEG
216	OUTBREAK 73	29787/17	DNA*	SPLEEN	21.08	NT	NT	POS	NT
217	OUTBREAK 73	29787/17	TISSUE	KIDNEY	25.02	NT	NT	POS	NT
218	OUTBREAK 73	29787/17	HOMOGENATE*	KIDNEY	23.7	NT	NT	POS	NT
219	OUTBREAK 73	29787/17	DNA*	KIDNEY	22.78	NT	NT	POS	NT
220	OUTBREAK 73	29788-1/17	BLOOD	SERUM	21.25	NT	NT	POS	NEG
221	OUTBREAK 73	29788-1/17	DNA*	BLOOD	22.66	NT	NT	POS	NT
222	OUTBREAK 74	29788-3/17	BLOOD	SERUM	28.77 ¹	NT	NT	POS	NT
223	OUTBREAK 74	29788-3/17	DNA*	BLOOD	23.92	NT	NT	POS	NT
224	OUTBREAK 74	29788-5/17	BLOOD	SERUM	27.74 ¹	NT	NT	POS	NT
225	OUTBREAK 74	29788-5/17	DNA*	BLOOD	20.15	NT	NT	POS	NT
226	OUTBREAK 75	29794/17	HOMOGENATE*	CLOT	27.19	NT	NT	POS	NT
227	OUTBREAK 75	29794/17	DNA*	CLOT	23.23	NT	NT	POS	NT
228	OUTBREAK 75	29795-3/17	BLOOD	SERUM	23.17	NT	NT	POS	NEG
229	OUTBREAK 75	29795-3/17	DNA*	BLOOD	24.6	NT	NT	POS	NT
230	OUTBREAK 73	30038-3/17	BLOOD	SERUM	33.93	NT	NT	POS	NT
231	OUTBREAK 73	30038-3/17	DNA*	BLOOD	33.89	NT	NT	POS	NT
232	OUTBREAK 73	30038-25/17	BLOOD	SERUM	21.49	NT	NT	POS	NT
233	OUTBREAK 73	30038-25/17	DNA*	BLOOD	21.99	NT	NT	POS	NT
234	OUTBREAK 76	30346/17	TISSUE	SPLEEN	24.66	NT	NT	POS	NT
235	OUTBREAK 76	30346/17	HOMOGENATE*	SPLEEN	27.98	NT	NT	POS	NT
236	OUTBREAK 76	30346/17	DNA*	SPLEEN	19.53	NT	NT	POS	NT
237	OUTBREAK 76	30346/17	TISSUE	KIDNEY	24.4	NT	NT	POS	NT
238	OUTBREAK 76	30346/17	HOMOGENATE*	KIDNEY	38.41 ¹	37.5	35.73	WEAK	NT
239	OUTBREAK 76	30346/17	DNA*	KIDNEY	23	NT	NT	POS	NT
240	OUTBREAK 76	30347/17	TISSUE	SPLEEN	23.25	NT	NT	POS	NT
241	OUTBREAK 76	30347/17	HOMOGENATE*	SPLEEN	23.12	NT	NT	POS	NEG
242	OUTBREAK 76	30347/17	DNA*	SPLEEN	18.52	NT	NT	POS	NT
243	OUTBREAK 76	30347/17	TISSUE	KIDNEY	26.9	NT	NT	POS	NT
244	OUTBREAK 76	30347/17	HOMOGENATE*	KIDNEY	36.11	34.1	33.48	POS	NT
245	OUTBREAK 76	30347/17	DNA*	KIDNEY	24.58	NT	NT	POS	NT
246	OUTBREAK 76	30347/17	BLOOD	SERUM	21.83	NT	NT	POS	NT
247	OUTBREAK 76	30347/17	DNA*	BLOOD	18.18	NT	NT	POS	NT
248	OUTBREAK 76	30348/17	TISSUE	SPLEEN	28.76	NT	NT	POS	NT
249	OUTBREAK 76	30348/17	HOMOGENATE*	SPLEEN	25.37	NT	NT	POS	NT
250	OUTBREAK 76	30348/17	DNA*	SPLEEN	22.45	NT	NT	POS	NT
251	OUTBREAK 76	30348/17	TISSUE	TONSIL	27.43	NT	NT	POS	NT
252	OUTBREAK 76	30348/17	HOMOGENATE*	TONSIL	33.92	NT	NT	POS	NT
253	OUTBREAK 76	30348/17	DNA*	TONSIL	22.13	NT	NT	POS	NT



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
254	OUTBREAK 76	30349/17	TISSUE	SPLEEN	22.33	NT	NT	POS	NEG
255	OUTBREAK 76	30349/17	HOMOGENATE*	SPLEEN	23.19	NT	NT	POS	NEG
256	OUTBREAK 76	30349/17	DNA*	SPLEEN	21.31	NT	NT	POS	NT
257	OUTBREAK 76	30349/17	TISSUE	TONSIL	26.05	NT	NT	POS	NT
258	OUTBREAK 76	30349/17	HOMOGENATE*	TONSIL	24.77	NT	NT	POS	NT
259	OUTBREAK 76	30349/17	DNA*	TONSIL	21.47	NT	NT	POS	NT
260	OUTBREAK 77	30352/17	BLOOD	SERUM	28.16	NT	NT	POS	NEG
261	OUTBREAK 77	30352/17	DNA*	BLOOD	25.88	NT	NT	POS	NT
262	OUTBREAK 77	30353-1/17	BLOOD	SERUM	29.72 ¹	NT	NT	POS	NT
263	OUTBREAK 77	30353-1/17	DNA*	BLOOD	22.79	NT	NT	POS	NT
264	OUTBREAK 77	30353-6/17	BLOOD	SERUM	30.07 ¹	NT	NT	POS	NT
265	OUTBREAK 77	30353-6/17	DNA*	BLOOD	27.39	NT	NT	POS	NT
266	OUTBREAK 79	30701/17	BLOOD	SERUM	29.69	NT	NT	POS	NEG
267	OUTBREAK 79	30701/17	DNA*	BLOOD	25.88	NT	NT	POS	NT
268	OUTBREAK 79	30702-1/17	BLOOD	SERUM	28.68 ¹	NT	NT	POS	NT
269	OUTBREAK 79	30702-1/17	DNA*	BLOOD	27.06	NT	NT	POS	NT
270	OUTBREAK 79	30702-2/17	BLOOD	SERUM	34.8 ¹	NT	NT	POS	NT
271	OUTBREAK 79	30702-2/17	DNA*	BLOOD	25.59	NT	NT	POS	NT
272	not specified	30733/17	HOMOGENATE*	BONE MARROW	25.03	NT	NT	POS	NEG
273	not specified	30733/17	DNA*	BONE MARROW	25.06	NT	NT	POS	NT
274	not specified	30733/17	DNA* 1/10	BONE MARROW	29.06	NT	NT	POS	NT
275	OUTBREAK 80	30801-2/17	BLOOD	SERUM	28.46	NT	NT	POS	NT
276	OUTBREAK 80	30801-2/17	DNA*	BLOOD	25.09	NT	NT	POS	NT
277	OUTBREAK 78	30807/17	TISSUE	SPLEEN	29.57	NT	NT	POS	NEG
278	OUTBREAK 78	30807/17	HOMOGENATE*	SPLEEN	31.09	NT	NT	POS	NT
279	OUTBREAK 78	30807/17	DNA*	SPLEEN	24.59	NT	NT	POS	NT
280	OUTBREAK 78	30807/17	TISSUE	KIDNEY	36.8	37	35.6	WEAK	NT
281	OUTBREAK 78	30807/17	HOMOGENATE*	KIDNEY	34.27	NT	NT	POS	NT
282	OUTBREAK 78	30807/17	DNA*	KIDNEY	30.88	NT	NT	POS	NT
283	OUTBREAK 79	30637-4/17	BLOOD	SERUM	26.64	NT	NT	POS	NT
284	OUTBREAK 79	30637-4/17	DNA*	BLOOD	23.95	NT	NT	POS	NT
285	OUTBREAK 83	31025/17	TISSUE	SPLEEN	No ct	NT	NT	NEG	NT
286	OUTBREAK 83	31025/17	HOMOGENATE*	SPLEEN	37.71	37.5	No ct	WEAK	NT
287	OUTBREAK 83	31025/17	DNA*	SPLEEN	27.32	NT	NT	POS	NT
288	OUTBREAK 78	30827-1/17	BLOOD	SERUM	30.32 ¹	NT	NT	POS	NT
289	OUTBREAK 78	30827-1/17	DNA*	BLOOD	23.57	NT	NT	POS	NT
290	OUTBREAK 83	31029/17	TISSUE	SPLEEN	33.93	NT	NT	POS	NT
291	OUTBREAK 83	31029/17	HOMOGENATE*	SPLEEN	31.83	NT	NT	POS	NEG
292	OUTBREAK 83	31029/17	DNA*	SPLEEN	23.56	NT	NT	POS	NT
293	OUTBREAK 81	31177/17	TISSUE	SPLEEN	27.07	NT	NT	POS	NEG
294	OUTBREAK 81	31177/17	HOMOGENATE*	SPLEEN	23.2	NT	NT	POS	NEG
295	OUTBREAK 81	31177/17	DNA*	SPLEEN	19.64	NT	NT	POS	NT
296	OUTBREAK 81	31177/17	TISSUE	KIDNEY	32.28	NT	NT	POS	NT
297	OUTBREAK 81	31177/17	HOMOGENATE*	KIDNEY	27.01	NT	NT	POS	NT
298	OUTBREAK 81	31177/17	DNA*	KIDNEY	23.31	NT	NT	POS	NT
299	OUTBREAK 81	31178-4/17	BLOOD	SERUM	24.13	NT	NT	POS	NT
300	OUTBREAK 81	31178-4/17	DNA*	BLOOD	25.33	NT	NT	POS	NT
301	OUTBREAK 80	31179-2/17	BLOOD	SERUM	27.99	NT	NT	POS	NEG
302	OUTBREAK 80	31179-2/17	DNA*	BLOOD	34.44	NT	NT	POS	NT
303	OUTBREAK 82	31188-3/17	BLOOD	SERUM	27.85	NT	NT	POS	NEG
304	OUTBREAK 82	31188-3/17	DNA*	BLOOD	25.04	NT	NT	POS	NT
305	OUTBREAK 84	31217-2/17	HOMOGENATE*	CLOT	21.78	NT	NT	POS	NEG
306	OUTBREAK 84	31217-2/17	DNA*	CLOT	21.17	NT	NT	POS	NT
307	OUTBREAK 85	31263-18/17	BLOOD	SERUM	25.9	NT	NT	POS	NEG



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
308	OUTBREAK 85	31263-18/17	DNA*	BLOOD	22.38	NT	NT	POS	NT
309	OUTBREAK 85	31263-22/17	BLOOD	SERUM	33.23	NT	NT	POS	NT
310	OUTBREAK 85	31263-22/17	DNA*	BLOOD	29.69	NT	NT	POS	NT
311	OUTBREAK 78	31280/17	TISSUE	SPLEEN	27.77	NT	NT	POS	NT
312	OUTBREAK 78	31280/17	HOMOGENATE*	SPLEEN	26.99	NT	NT	POS	NT
313	OUTBREAK 78	31280/17	DNA*	SPLEEN	21.03	NT	NT	POS	NT
314	OUTBREAK 78	31280/17	TISSUE	KIDNEY	32.6	NT	NT	POS	NT
315	OUTBREAK 78	31280/17	HOMOGENATE*	KIDNEY	32.18	NT	NT	POS	NT
316	OUTBREAK 78	31280/17	DNA*	KIDNEY	24.44	NT	NT	POS	NT
317	OUTBREAK 88	31366/17	TISSUE	SPLEEN	22.3	NT	NT	POS	NEG
318	OUTBREAK 88	31366/17	HOMOGENATE*	SPLEEN	25.03	NT	NT	POS	NEG
319	OUTBREAK 88	31366/17	DNA*	SPLEEN	19.79	NT	NT	POS	NT
320	OUTBREAK 88	31366/17	TISSUE	KIDNEY	32.31	NT	NT	POS	NT
321	OUTBREAK 88	31366/17	HOMOGENATE*	KIDNEY	37.01	35.3	35.85	WEAK	NT
322	OUTBREAK 88	31366/17	DNA*	KIDNEY	22.32	NT	NT	POS	NT
323	OUTBREAK 86	31377-1/17	BLOOD	SERUM	26.32	NT	NT	POS	NEG
324	OUTBREAK 86	31377-1/17	DNA*	BLOOD	23.45	NT	NT	POS	NT
325	OUTBREAK 86	31378/17	BLOOD	SERUM	24.73	NT	NT	POS	NEG
326	OUTBREAK 86	31378/17	DNA*	BLOOD	18.81	NT	NT	POS	NT
327	OUTBREAK 87	31396/17	BLOOD	SERUM	23.59	NT	NT	POS	NEG
328	OUTBREAK 87	31396/17	DNA*	BLOOD	23.63	NT	NT	POS	NT
329	OUTBREAK 82	31374-1/17	HOMOGENATE*	CLOT	21.66	NT	NT	POS	NEG
330	OUTBREAK 82	31374-1/17	DNA*	CLOT	22.34	NT	NT	POS	NT
331	OUTBREAK 82	31374-4/17	BLOOD	SERUM	21.56	NT	NT	POS	NT
332	OUTBREAK 81	31375-2/17	BLOOD	SERUM	26.8	NT	NT	POS	NEG
333	OUTBREAK 81	31375-2/17	DNA*	BLOOD	26.7	NT	NT	POS	NT
334	OUTBREAK 83	31275-45/17	BLOOD	SERUM	32.02 ¹	NT	NT	POS	NT
335	OUTBREAK 83	31275-45/17	DNA*	BLOOD	26.24	NT	NT	POS	NT
336	OUTBREAK 83	31275-47/17	BLOOD	SERUM	30.14 ¹	NT	NT	POS	NEG
337	OUTBREAK 83	31275-47/17	DNA*	BLOOD	26.46	NT	NT	POS	NT
338	OUTBREAK 83	31275-52/17	BLOOD	SERUM	30.15	NT	NT	POS	NT
339	OUTBREAK 83	31275-52/17	DNA*	BLOOD	25.8	NT	NT	POS	NT
340	OUTBREAK 83	31275-53/17	BLOOD	SERUM	No ct ¹	NT	NT	NEG	NT
341	OUTBREAK 83	31275-53/17	DNA*	BLOOD	26.63	NT	NT	POS	NT
342	OUTBREAK 89	31611-1/17	BLOOD	SERUM	31.64 ¹	NT	NT	POS	NEG
343	OUTBREAK 89	31611-1/17	DNA*	BLOOD	23.9	NT	NT	POS	NT
344	OUTBREAK 90	32113-20/17	BLOOD	SERUM	25.04 ¹	NT	NT	POS	NEG
345	OUTBREAK 90	32113-20/17	DNA*	BLOOD	22.3	NT	NT	POS	NT
346	OUTBREAK 91	32114-5/17	HOMOGENATE*	CLOT	25.03	NT	NT	POS	NEG
347	OUTBREAK 91	32114-5/17	DNA*	CLOT	20.68	NT	NT	POS	NT
348	OUTBREAK 88	32311-1/17	BLOOD	SERUM	26.79	NT	NT	POS	NEG
349	OUTBREAK 88	32311-1/17	DNA*	BLOOD	24.62	NT	NT	POS	NT
350	OUTBREAK 88	32311-2/17	BLOOD	SERUM	29.27	NT	NT	POS	NT
351	OUTBREAK 88	32311-2/17	DNA*	BLOOD	27.34	NT	NT	POS	NT
352	OUTBREAK 88	32312-8/17	BLOOD	SERUM	22.1 ¹	NT	NT	POS	NT
353	OUTBREAK 88	32312-8/17	DNA*	BLOOD	22.52	NT	NT	POS	NT
354	OUTBREAK 92	32737/17	TISSUE	SPLEEN	19.03	NT	NT	POS	NEG
355	OUTBREAK 92	32737/17	HOMOGENATE*	SPLEEN	22.37	NT	NT	POS	NT
356	OUTBREAK 92	32737/17	DNA*	SPLEEN	18.51	NT	NT	POS	NT
357	OUTBREAK 92	32739-3/17	BLOOD	SERUM	23.49	NT	NT	POS	NT
358	OUTBREAK 92	32739-3/17	DNA*	BLOOD	25.54	NT	NT	POS	NT
359	OUTBREAK 92	32739-4/17	BLOOD	SERUM	24.7	NT	NT	POS	NT
360	OUTBREAK 92	32739-4/17	DNA*	BLOOD	25.48	NT	NT	POS	NT
361	OUTBREAK 93	33191/17	HOMOGENATE*	CLOT	24	NT	NT	POS	NT



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
362	OUTBREAK 93	33191/17	DNA*	CLOT	19.83	NT	NT	POS	NT
363	OUTBREAK 94	34119-1/17	BLOOD	SERUM	25.13 ¹	NT	NT	POS	NEG
364	OUTBREAK 94	34119-1/17	DNA*	BLOOD	23.61	NT	NT	POS	NT
365	OUTBREAK 94	34119-4/17	BLOOD	SERUM	26.43	NT	NT	POS	NT
366	OUTBREAK 94	34119-4/17	DNA*	BLOOD	21.47	NT	NT	POS	NT
367	OUTBREAK 95	35427/17	HOMOGENATE*	CLOT	25.53	NT	NT	POS	NEG
368	OUTBREAK 95	35427/17	DNA*	CLOT	23.32	NT	NT	POS	NT
369	OUTBREAK 96	35762-8/17	HOMOGENATE*	CLOT	No ct ¹	NT	NT	NEG	NT
370	OUTBREAK 96	35762-8/17	DNA*	CLOT	37.02	No Ct	37.98	WEAK	NT
371	OUTBREAK 96	35762-11/17	BLOOD	SERUM	26.75	NT	NT	POS	NT
372	OUTBREAK 96	35762-11/17	DNA*	BLOOD	27.7	NT	NT	POS	NT
373	OUTBREAK 96	35762-14/17	HOMOGENATE*	CLOT	19.98	NT	NT	POS	NEG
374	OUTBREAK 96	35762-14/17	DNA*	CLOT	22.89	NT	NT	POS	NT
375	OUTBREAK 97	36105-3/17	BLOOD	SERUM	21.33	NT	NT	POS	NT
376	OUTBREAK 97	36105-3/17	DNA*	BLOOD	25.41	NT	NT	POS	NT
377	OUTBREAK 97	36105-5/17	BLOOD	SERUM	17.73	NT	NT	POS	NT
378	OUTBREAK 97	36105-5/17	DNA*	BLOOD	16.87	NT	NT	POS	NT
379	OUTBREAK 97	36105-8/17	BLOOD	SERUM	23.56	NT	NT	POS	NT
380	OUTBREAK 97	36105-8/17	DNA*	BLOOD	21.25	NT	NT	POS	NT
381	OUTBREAK 97	36105-11/17	BLOOD	SERUM	27 ¹	NT	NT	POS	NT
382	OUTBREAK 97	36105-11/17	DNA*	BLOOD	21.58	NT	NT	POS	NT
383	OUTBREAK 97	36106-1/17	TISSUE	SPLEEN	19.49	NT	NT	POS	NEG
384	OUTBREAK 97	36106-1/17	HOMOGENATE*	SPLEEN	21.11	NT	NT	POS	NEG
385	OUTBREAK 97	36106-1/17	DNA*	SPLEEN	21.53	NT	NT	POS	NT
386	OUTBREAK 97	36106-2/17	TISSUE	SPLEEN	34.74	NT	NT	POS	NT
387	OUTBREAK 97	36106-2/17	HOMOGENATE*	SPLEEN	33.54	NT	NT	POS	NT
388	OUTBREAK 97	36106-2/17	DNA*	SPLEEN	24.04	NT	NT	POS	NT
389	OUTBREAK 97	36106-4/17	TISSUE	SPLEEN	29.81	NT	NT	POS	NT
390	OUTBREAK 97	36106-4/17	HOMOGENATE*	SPLEEN	29.63	NT	NT	POS	NT
391	OUTBREAK 97	36106-4/17	DNA*	SPLEEN	22.6	NT	NT	POS	NT
392	OUTBREAK 97	36106-8/17	TISSUE	SPLEEN	25.91	NT	NT	POS	NEG
393	OUTBREAK 97	36106-8/17	HOMOGENATE*	SPLEEN	23.59	NT	NT	POS	NEG
394	OUTBREAK 97	36106-8/17	DNA*	SPLEEN	25.48	NT	NT	POS	NT
395	OUTBREAK 97	36911-6/17	TISSUE	SPLEEN	25.66	NT	NT	POS	NEG
396	OUTBREAK 97	36911-6/17	HOMOGENATE*	SPLEEN	23.09	NT	NT	POS	NEG
397	OUTBREAK 97	36911-6/17	DNA*	SPLEEN	18.97	NT	NT	POS	NT
398	OUTBREAK 97	36911-7/17	TISSUE	SPLEEN	23.9	NT	NT	POS	NT
399	OUTBREAK 97	36911-7/17	HOMOGENATE*	SPLEEN	19.9	NT	NT	POS	NT
400	OUTBREAK 97	36911-7/17	DNA*	SPLEEN	18.35	NT	NT	POS	NT
401	OUTBREAK 97	36911-8/17	TISSUE	SPLEEN	21.39	NT	NT	POS	NT
402	OUTBREAK 97	36911-8/17	HOMOGENATE*	SPLEEN	21.04	NT	NT	POS	NT
403	OUTBREAK 97	36911-8/17	DNA*	SPLEEN	20.84	NT	NT	POS	NT
404	OUTBREAK 97	36911-10/17	TISSUE	SPLEEN	23.02	NT	NT	POS	NT
405	OUTBREAK 97	36911-10/17	HOMOGENATE*	SPLEEN	19.35 ¹	NT	NT	POS	NT
406	OUTBREAK 97	36911-10/17	DNA*	SPLEEN	18.29	NT	NT	POS	NT
407	OUTBREAK 98	36624-1/17	HOMOGENATE*	CLOT	21.62	NT	NT	POS	NEG
408	OUTBREAK 98	36624-1/17	DNA*	CLOT	22.35	NT	NT	POS	NT
409	OUTBREAK 98	36624-2/17	HOMOGENATE*	CLOT	21.63	NT	NT	POS	NT
410	OUTBREAK 98	36624-2/17	DNA*	CLOT	22.86	NT	NT	POS	NT
411	OUTBREAK 98	36624-3/17	HOMOGENATE*	CLOT	22.51	NT	NT	POS	NT
412	OUTBREAK 98	36624-3/17	DNA*	CLOT	23.78	NT	NT	POS	NT
413	OUTBREAK 98	37405-4/17	BLOOD	SERUM	29.35	NT	NT	POS	NT
414	OUTBREAK 98	37405-4/17	DNA*	BLOOD	30.74	NT	NT	POS	NT
415	OUTBREAK 99	37403-4/17	HOMOGENATE*	CLOT	29.52	NT	NT	POS	NEG



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^(b) * (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
416	OUTBREAK 99	37403-4/17	DNA*	CLOT	28.48	NT	NT	POS	NT
417	OUTBREAK 99	37403-7/17	BLOOD	SERUM	34.7	NT	NT	POS	NT
418	OUTBREAK 100	38879/17	TISSUE	SPLEEN	21.47	NT	NT	POS	NEG
419	OUTBREAK 100	38879/17	HOMOGENATE*	SPLEEN	17.73	NT	NT	POS	NEG
420	OUTBREAK 100	38879/17	DNA*	SPLEEN	19.83	NT	NT	POS	NT
421	OUTBREAK 100	38879/17	TISSUE	TONSIL	21.43	NT	NT	POS	NT
422	OUTBREAK 100	38879/17	HOMOGENATE*	TONSIL	19.41	NT	NT	POS	NT
423	OUTBREAK 100	38879/17	DNA*	TONSIL	19	NT	NT	POS	NT
424	OUTBREAK 101	39889-15/17	HOMOGENATE*	CLOT	21.49	NT	NT	POS	NEG
425	OUTBREAK 101	39889-15/17	DNA*	CLOT	24.5	NT	NT	POS	NT
426	OUTBREAK 100	40575/17	TISSUE	SPLEEN	20.51	NT	NT	POS	NEG
427	OUTBREAK 100	40575/17	HOMOGENATE*	SPLEEN	20.84	NT	NT	POS	NEG
428	OUTBREAK 100	40575/17	DNA*	SPLEEN	18.18	NT	NT	POS	NT
429	OUTBREAK 100	40575/17	TISSUE	TONSIL	36.57	37.6	39.97	WEAK	NT
430	OUTBREAK 100	40575/17	HOMOGENATE*	TONSIL	27.21	NT	NT	POS	NT
431	OUTBREAK 100	40575/17	DNA*	TONSIL	24.29	NT	NT	POS	NT
432	OUTBREAK 100	40577/17	TISSUE	SPLEEN	21.34	NT	NT	POS	NEG
433	OUTBREAK 100	40577/17	HOMOGENATE*	SPLEEN	21.53	NT	NT	POS	NEG
434	OUTBREAK 100	40577/17	DNA*	SPLEEN	21.84	NT	NT	POS	NT
435	OUTBREAK 100	40577/17	TISSUE	TONSIL	29.76	NT	NT	POS	NT
436	OUTBREAK 100	40577/17	HOMOGENATE*	TONSIL	29.31	NT	NT	POS	NT
437	OUTBREAK 100	40577/17	DNA*	TONSIL	23.96	NT	NT	POS	NT
438	OUTBREAK 102	42471/17	BLOOD	BLOOD	22.53	NT	NT	POS	NT
439	OUTBREAK 102	42471/17	DNA*	BLOOD	24.96	NT	NT	POS	NT
440	OUTBREAK 102	42471-2/17	BLOOD	SERUM	22.13 ¹	NT	NT	POS	NEG
441	OUTBREAK 102	42471-2/17	DNA*	BLOOD	22.85	NT	NT	POS	NT
442	OUTBREAK 102	42471-4/17	BLOOD	SERUM	20.74	NT	NT	POS	NEG
443	OUTBREAK 102	42471-4/17	DNA*	BLOOD	24.13	NT	NT	POS	NT
444	OUTBREAK 103	43217-3/17	BLOOD	SERUM	30.17	NT	NT	POS	NT
445	OUTBREAK 103	43217-3/17	DNA*	BLOOD	24.45	NT	NT	POS	NT
446	OUTBREAK 103	43217-6/17	BLOOD	SERUM	25.94	NT	NT	POS	NEG
447	OUTBREAK 103	43217-6/17	DNA*	BLOOD	24.57	NT	NT	POS	NT
448	OUTBREAK 103	43217-7/17	BLOOD	SERUM	33.49	NT	NT	POS	NT
449	OUTBREAK 103	43217-7/17	DNA*	BLOOD	28.15	NT	NT	POS	NT
450	OUTBREAK 104	52842/17	TISSUE	SPLEEN	20.55	NT	NT	POS	NEG
451	OUTBREAK 104	52842/17	HOMOGENATE*	SPLEEN	19.2	NT	NT	POS	NEG
452	OUTBREAK 104	52842/17	DNA*	SPLEEN	19.49	NT	NT	POS	NT
453	OUTBREAK 104	52842/17	TISSUE	LYMPH NODE	30.52	NT	NT	POS	NT
454	OUTBREAK 104	52842/17	HOMOGENATE*	LYMPH NODE	30.91	NT	NT	POS	NT
455	OUTBREAK 104	52842/17	DNA*	LYMPH NODE	31.11	NT	NT	POS	NT
456	OUTBREAK 104	52843/17	TISSUE	SPLEEN	No ct ¹	NT	NT	NEG	NT
457	OUTBREAK 104	52843/17	HOMOGENATE*	SPLEEN	17.59	NT	NT	POS	NEG
458	OUTBREAK 104	52843/17	DNA*	SPLEEN	21.89	NT	NT	POS	NT
459	OUTBREAK 104	52843/17	TISSUE	LYMPH NODE	27.08	NT	NT	POS	NT
460	OUTBREAK 104	52843/17	HOMOGENATE*	LYMPH NODE	29.27	NT	NT	POS	NT
461	OUTBREAK 104	52843/17	DNA*	LYMPH NODE	22.74	NT	NT	POS	NT
462	OUTBREAK 104	52844/17	TISSUE	SPLEEN	18.77	NT	NT	POS	NEG
463	OUTBREAK 104	52844/17	HOMOGENATE*	SPLEEN	17.94	NT	NT	POS	NEG
464	OUTBREAK 104	52844/17	DNA*	SPLEEN	22.66	NT	NT	POS	NT
465	OUTBREAK 104	52844/17	TISSUE	LYMPH NODE	22.24	NT	NT	POS	NT
466	OUTBREAK 104	52844/17	HOMOGENATE*	LYMPH NODE	19.56	NT	NT	POS	NT
467	OUTBREAK 104	52844/17	DNA*	LYMPH NODE	20.98	NT	NT	POS	NT
468	OUTBREAK 105	0001-12/18	BLOOD	SERUM	24.09	NT	NT	POS	NEG
469	OUTBREAK 105	0001-12/18	DNA*	BLOOD	22.49	NT	NT	POS	NT



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
470	OUTBREAK 105	00001-21/18	BLOOD	SERUM	36.57	38.6	36.34	WEAK	NT
471	OUTBREAK 105	00001-21/18	DNA*	BLOOD	35	34.6	35.58	WEAK	NT
472	OUTBREAK 105	00002-2/18	TISSUE	SPLEEN	29.15	NT	NT	POS	NT
473	OUTBREAK 105	00002-2/18	HOMOGENATE*	SPLEEN	23.49	NT	NT	POS	NT
474	OUTBREAK 105	00002-2/18	DNA*	SPLEEN	20.97	NT	NT	POS	NT
475	OUTBREAK 105	00002-3/18	TISSUE	SPLEEN	29.02	NT	NT	POS	NT
476	OUTBREAK 105	00002-3/18	HOMOGENATE*	SPLEEN	24.79	NT	NT	POS	NT
477	OUTBREAK 105	00002-3/18	DNA*	SPLEEN	28.08	NT	NT	POS	NT
478	OUTBREAK 105	00002-4/18	TISSUE	SPLEEN	28.03	NT	NT	POS	NT
479	OUTBREAK 105	00002-4/18	HOMOGENATE*	SPLEEN	21.78	NT	NT	POS	NT
480	OUTBREAK 105	00002-4/18	DNA*	SPLEEN	19.96	NT	NT	POS	NT
481	OUTBREAK 105	00002-5/18	TISSUE	SPLEEN	28.58	NT	NT	POS	NEG
482	OUTBREAK 105	00002-5/18	HOMOGENATE*	SPLEEN	22.61	NT	NT	POS	NEG
483	OUTBREAK 105	00002-5/18	DNA*	SPLEEN	18.89	NT	NT	POS	NT
484	OUTBREAK 106	58448/17	TISSUE	SPLEEN	29.79	NT	NT	POS	NEG
485	OUTBREAK 106	58448/17	HOMOGENATE*	SPLEEN	34.43	NT	NT	POS	NEG
486	OUTBREAK 106	58448/17	DNA*	SPLEEN	18.2	NT	NT	POS	NT
487	OUTBREAK 105	00281-4/18	BLOOD	SERUM	23.33	NT	NT	POS	NT
488	OUTBREAK 105	00281-4/18	DNA*	BLOOD	23.49	NT	NT	POS	NT
489	OUTBREAK 105	00281-8/18	BLOOD	SERUM	23.61	NT	NT	POS	NT
490	OUTBREAK 105	00281-8/18	DNA*	BLOOD	25.02	NT	NT	POS	NT
491	OUTBREAK 105	00281-9/18	BLOOD	SERUM	26.71	NT	NT	POS	NT
492	OUTBREAK 105	00281-9/18	DNA*	BLOOD	26.66	NT	NT	POS	NT
493	OUTBREAK 105	00281-12/18	BLOOD	SERUM	35.54	31.77	32.21	POS	NT
494	OUTBREAK 105	00281-12/18	DNA*	BLOOD	33.85	NT	NT	POS	NT
495	OUTBREAK 107	01578/18	TISSUE	SPLEEN	18.46	NT	NT	POS	NEG
496	OUTBREAK 107	01578/18	HOMOGENATE*	SPLEEN	24.84	NT	NT	POS	NEG
497	OUTBREAK 107	01578/18	DNA*	SPLEEN	24.53	NT	NT	POS	NT
498	OUTBREAK 107	01578/18	TISSUE	KIDNEY	25.13	NT	NT	POS	NT
499	OUTBREAK 107	01578/18	HOMOGENATE*	KIDNEY	31.62	NT	NT	POS	NT
500	OUTBREAK 107	01578/18	DNA*	KIDNEY	22.4	NT	NT	POS	NT
501	OUTBREAK 107	01781-6/18	BLOOD	SERUM	30.29	NT	NT	POS	NT
502	OUTBREAK 107	01781-6/18	DNA*	BLOOD	23.12	NT	NT	POS	NT
503	OUTBREAK 108	09285-1/18	BLOOD	SERUM	26.5	NT	NT	POS	NT
504	OUTBREAK 108	09285-1/18	DNA*	BLOOD	23.65	NT	NT	POS	NT
505	OUTBREAK 108	09285-13/18	BLOOD	SERUM	24.94	NT	NT	POS	NT
506	OUTBREAK 108	09285-13/18	DNA*	BLOOD	22.78	NT	NT	POS	NT
507	OUTBREAK 108	09285-15/18	BLOOD	SERUM	25.85	NT	NT	POS	NT
508	OUTBREAK 108	09285-15/18	DNA*	BLOOD	22.16	NT	NT	POS	NT
509	OUTBREAK 108	09285-18/18	BLOOD	SERUM	21.68	NT	NT	POS	NT
510	OUTBREAK 108	09285-18/18	DNA*	BLOOD	21.71	NT	NT	POS	NT
511	OUTBREAK 108	09286/18	TISSUE	SPLEEN	25.18	NT	NT	POS	NT
512	OUTBREAK 108	09286/18	HOMOGENATE*	SPLEEN	25.09	NT	NT	POS	NT
513	OUTBREAK 108	09286/18	DNA*	SPLEEN	20.7	NT	NT	POS	NT
514	OUTBREAK 108	09286/18	TISSUE	KIDNEY	24.91	NT	NT	POS	NT
515	OUTBREAK 108	09286/18	HOMOGENATE*	KIDNEY	28.02	NT	NT	POS	NT
516	OUTBREAK 108	09286/18	DNA*	KIDNEY	23.4	NT	NT	POS	NT
517	OUTBREAK 108	09287/18	TISSUE	SPLEEN	22.59	NT	NT	POS	NEG
518	OUTBREAK 108	09287/18	HOMOGENATE*	SPLEEN	25.03	NT	NT	POS	NEG
519	OUTBREAK 108	09287/18	DNA*	SPLEEN	20.92	NT	NT	POS	NT
520	OUTBREAK 108	09287/18	TISSUE	KIDNEY	26.23	NT	NT	POS	NT
521	OUTBREAK 108	09287/18	HOMOGENATE*	KIDNEY	24.44	NT	NT	POS	NT
522	OUTBREAK 108	09287/18	DNA*	KIDNEY	24.62	NT	NT	POS	NT
523	OUTBREAK 108	09659-2/18	BLOOD	SERUM	28.8	NT	NT	POS	NT



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Sample ID CISA	ID NRL		TYPE OF SAMPLE RECEIVED		UPL-real time PCR ^(a)				VI-HAD ^{(b)*} (3 passages)
					CT value	2 nd PCR CT value	3 rd PCR CT value	Result	
524	OUTBREAK 108	09659-2/18	DNA*	BLOOD	25	NT	NT	POS	NT
525	OUTBREAK 108	09659-4/18	BLOOD	SERUM	26.75	NT	NT	POS	NT
526	OUTBREAK 108	09659-4/18	DNA*	BLOOD	24.01	NT	NT	POS	NT
527	OUTBREAK 108	09659-20/18	BLOOD	SERUM	26.98	NT	NT	POS	NT
528	OUTBREAK 108	09659-20/18	DNA*	BLOOD	23.68	NT	NT	POS	NT
529	OUTBREAK 108	09659-28/18	BLOOD	SERUM	26.73	NT	NT	POS	NT
530	OUTBREAK 108	09659-28/18	DNA*	BLOOD	23.15	NT	NT	POS	NT

^(a)EXTRACTION 1/10. NT= NOT TESTED; WEAK = Ct<25; *SAMPLES PREVIOUSLY PROCESSED AT THE NRL

(a) UPL-real time PCR → Real time PCR test described by Fernández et al., 2013 based on the Universal Probe Library (UPL).

(b) VI-HAD → Virus isolation and haemadsorption test on PBM cells as is described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seventh edition 2012).

1.2. **ASF antibody detection** → a total of 173 samples were tested by IPT*, confirming the presence of antibodies in 76 of them which correspond to **65 out of the 157 domestic pig tested (49.3%)**. By the OIE-indirect ELISA 20 out of the 108 sera tested resulted doubts and/or positives and 11 were confirmed as positives by the IB, whereas in 4 was obtained a doubt or inconclusive result using this test. By IPT* 17 out of the 20 ELISA positive sera were confirmed as positives. The results obtained in ASF antibody detection are summarized in **table 3**.

ID CISA	ID NRL	TYPE OF SAMPLE		OIE-ELISA ^(a)		OIE-IB ^(b)	EURL-IPT* ^(c)		CONCLUSION*
				O.D. value	Result		Titer	Result	
1	24354-1/17	BLOOD	SERUM	0.15	NEG	NT	1/40	WEAK	WEAK
5	24730/17	TISSUE	SPLEEN	NT	NT	NT	1/320	POS	POSITIVE
8	24730/17	TISSUE	KIDNEY	NT	NT	NT	1/160	POS	POSITIVE
11	25476/17	BLOOD	SERUM	0.339	DOUBT	DOUBT	1/320	POS	POSITIVE
13	26023-2/17	BLOOD	SERUM	0.143	NEG	NT	NEG	NEG	NEGATIVE
15	26023-6/17	BLOOD	SERUM	0.119	NEG	NT	NEG	NEG	NEGATIVE
17	26023-7/17	BLOOD	SERUM	0.139	NEG	NT	NEG	NEG	NEGATIVE
19	26024/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
25	26218/17	TISSUE	SPLEEN	NT	NT	NT	1/640	POS	POSITIVE
28	26218/17	TISSUE	KIDNEY	NT	NT	NT	1/640	POS	POSITIVE
31	26217-4/17	BLOOD	SERUM	0.125	NEG	NT	NEG	NEG	NEGATIVE
33	26217-6/17	BLOOD	SERUM	0.135	NEG	NT	NEG	NEG	NEGATIVE
35	26219-5/17	BLOOD	SERUM	0.149	NEG	NT	NEG	NEG	NEGATIVE
37	26219-7/17	BLOOD	SERUM	0.12	NEG	NT	NEG	NEG	NEGATIVE
39	26265/17	BLOOD	SERUM	0.154	NEG	NT	NEG	NEG	NEGATIVE
41	26539-5/17	BLOOD	SERUM	0.34	DOUBT	POS	1/2560	POS	POSITIVE
43	26539-6/17	BLOOD	SERUM	0.177	NEG	NT	NEG	NEG	NEGATIVE
45	26541/17	TISSUE	SPLEEN	NT	NT	NT	1/80	POS	POSITIVE
51	26747-3/17	BLOOD	SERUM	0.502	DOUBT	POS	1/1280	POS	POSITIVE
55	26748/17	TISSUE	SPLEEN	NT	NT	NT	1/2560	POS	POSITIVE
58	26748/17	TISSUE	KIDNEY	NT	NT	NT	1/1280	POS	POSITIVE
61	26749/17	TISSUE	SPLEEN	NT	NT	NT	1/320	POS	POSITIVE
64	26749/17	TISSUE	KIDNEY	NT	NT	NT	1/160	POS	POSITIVE
70	27750/17	TISSUE	KIDNEY	NT	NT	NT	NEG	NEG	NEGATIVE



*Assays and activities marked with * are not supported by ENAC accreditation.*

ID CISA	ID NRL	TYPE OF SAMPLE		OIE-ELISA (a)		OIE-IB (b)	EURL-IPT* (c)		CONCLUSION*
				O.D. value	Result		Titer	Result	
73	26751/17	TISSUE	SPLEEN	NT	NT	NT	1/160	POS	POSITIVE
85	26754/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
89	26755/17	HOMOGENATE*	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
91	26983-7/17	BLOOD	SERUM	0.434	DOUBT	POS	1/1280	POS	POSITIVE
93	26983-8/17	BLOOD	SERUM	0.321	DOUBT	POS	1/320	POS	POSITIVE
95	27061-7/17	BLOOD	SERUM	0.172	NEG	NT	NEG	NEG	NEGATIVE
97	27061-17/17	BLOOD	SERUM	0.08	NEG	NT	NEG	NEG	NEGATIVE
99	27061-19/17	BLOOD	SERUM	0.111	NEG	NT	NEG	NEG	NEGATIVE
107	27106/17	TISSUE	SPLEEN	NT	NT	NT	1/1280	POS	POSITIVE
111	27106/17	HOMOGENATE*	LYMPH NODE	NT	NT	NT	1/40	WEAK	WEAK
113	27300-2/17	BLOOD	SERUM	0.159	NEG	NT	NEG	NEG	NEGATIVE
115	27300-8/17	BLOOD	SERUM	0.134	NEG	NT	NEG	NEG	NEGATIVE
117	27474-2/17	BLOOD	SERUM	0.095	NEG	NT	NEG	NEG	NEGATIVE
119	27474-3/17	BLOOD	SERUM	0.135	NEG	NT	1/80	POS	POSITIVE
121	27474-4/17	BLOOD	SERUM	0.237	NEG	NT	1/320	POS	POSITIVE
123	27474-6/17	BLOOD	SERUM	0.175	NEG	NT	NEG	NEG	NEGATIVE
127	27597/17	BLOOD	SERUM	0.114	NEG	NT	NEG	NEG	NEGATIVE
129	27714-3/17	BLOOD	SERUM	0.115	NEG	NT	NEG	NEG	NEGATIVE
131	27714-6/17	BLOOD	SERUM	0.151	NEG	NT	NEG	NEG	NEGATIVE
133	27793-1/17	BLOOD	SERUM	0.406	DOUBT	POS	1/2560	POS	POSITIVE
135	27793-3/17	BLOOD	SERUM	0.23	NEG	NT	1/2560	POS	POSITIVE
137	27823-1/17	BLOOD	SERUM	0.162	NEG	NT	NEG	NEG	NEGATIVE
139	27823-3/17	BLOOD	SERUM	0.116	NEG	NT	NEG	NEG	NEGATIVE
141	27823-4/17	BLOOD	SERUM	0.132	NEG	NT	NEG	NEG	NEGATIVE
143	27823-7/17	BLOOD	SERUM	0.111	NEG	NT	NEG	NEG	NEGATIVE
145	27818-1/17	BLOOD	SERUM	0.428	DOUBT	POS	1/1280	POS	POSITIVE
147	27818-3/17	BLOOD	SERUM	0.555	POS	POS	1/5120	POS	POSITIVE
148	27799/17	TISSUE	SPLEEN	NT	NT	NT	1/1280	POS	POSITIVE
154	28027-7/17	BLOOD	SERUM	0.148	NEG	NT	NEG	NEG	NEGATIVE
156	28039-2/17	BLOOD	SERUM	0.258	NEG	NT	1/320	POS	POSITIVE
158	28039-3/17	BLOOD	SERUM	0.337	DOUBT	NEG	NEG	NEG	NEGATIVE
160	28039-23/17	BLOOD	SERUM	0.46	DOUBT	POS	1/1280	POS	POSITIVE
168	28884/17	TISSUE	SPLEEN	NT	NT	NT	1/2560	POS	POSITIVE
171	28884/17	TISSUE	KIDNEY	NT	NT	NT	1/640	POS	POSITIVE
174	28885/17	TISSUE	SPLEEN	NT	NT	NT	1/640	POS	POSITIVE
177	28885/17	TISSUE	KIDNEY	NT	NT	NT	1/1280	POS	POSITIVE
180	28886/17	TISSUE	SPLEEN	NT	NT	NT	1/2560	POS	POSITIVE
183	28886/17	TISSUE	KIDNEY	NT	NT	NT	1/2560	POS	POSITIVE
186	28887/17	TISSUE	SPLEEN	NT	NT	NT	1/160	POS	POSITIVE
189	28887/17	TISSUE	KIDNEY	NT	NT	NT	1/640	POS	POSITIVE
192	28892-1/17	BLOOD	SERUM	0.184	NEG	NT	NEG	NEG	NEGATIVE
194	29172/17	TISSUE	SPLEEN	NT	NT	NT	1/1280	POS	POSITIVE
202	29188/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
208	29348-24/17	BLOOD	SERUM	0.065	NEG	NT	NEG	NEG	NEGATIVE
210	29348-25/17	BLOOD	SERUM	0.064	NEG	NT	NEG	NEG	NEGATIVE
214	29787/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
217	29787/17	TISSUE	KIDNEY	NT	NT	NT	NEG	NEG	NEGATIVE
220	29788-1/17	BLOOD	SERUM	0.116	NEG	NT	NEG	NEG	NEGATIVE



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ID CISA	ID NRL	TYPE OF SAMPLE		OIE-ELISA (a)		OIE-IB (b)	EURL-IPT* (c)		CONCLUSION*
				O.D. value	Result		Titer	Result	
222	29788-3/17	BLOOD	SERUM	0.072	NEG	NT	1/160	POS	POSITIVE
224	29788-5/17	BLOOD	SERUM	0.078	NEG	NT	NEG	NEG	NEGATIVE
228	29795-3/17	BLOOD	SERUM	0.098	NEG	NT	NEG	NEG	NEGATIVE
230	30038-3/17	BLOOD	SERUM	0.149	NEG	NT	NEG	NEG	NEGATIVE
232	30038-25/17	BLOOD	SERUM	0.202	NEG	NT	1/80	POS	POSITIVE
235	30346/17	HOMOGENATE*	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
240	30347/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
246	30347/17	BLOOD	SERUM	0.092	NEG	NT	NEG	NEG	NEGATIVE
248	30348/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
254	30349/17	TISSUE	SPLEEN	NT	NT	NT	1/320	POS	POSITIVE
260	30352/17	BLOOD	SERUM	0.186	NEG	NT	NEG	NEG	NEGATIVE
262	30353-1/17	BLOOD	SERUM	0.065	NEG	NT	NEG	NEG	NEGATIVE
264	30353-6/17	BLOOD	SERUM	0.065	NEG	NT	NEG	NEG	NEGATIVE
266	30701/17	BLOOD	SERUM	0.237	NEG	NT	1/1280	POS	POSITIVE
268	30702-1/17	BLOOD	SERUM	0.127	NEG	NT	NEG	NEG	NEGATIVE
270	30702-2/17	BLOOD	SERUM	0.063	NEG	NT	NEG	NEG	NEGATIVE
275	30801-2/17	BLOOD	SERUM	0.154	NEG	NT	NEG	NEG	NEGATIVE
278	30807/17	HOMOGENATE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
283	30637-4/17	BLOOD	SERUM	0.1	NEG	NT	NEG	NEG	NEGATIVE
286	31025/17	HOMOGENATE	SPLEEN	NT	NT	NT	1/20	WEAK	WEAK
288	30827-1/17	BLOOD	SERUM	0.102	NEG	NT	NEG	NEG	NEGATIVE
290	31029/17	TISSUE	SPLEEN	NT	NT	NT	1/80	POS	POSITIVE
293	31177/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
299	31178-4/17	BLOOD	SERUM	0.174	NEG	NT	NEG	NEG	NEGATIVE
301	31179-2/17	BLOOD	SERUM	0.119	NEG	NT	NEG	NEG	NEGATIVE
303	31188-3/17	BLOOD	SERUM	0.173	NEG	NT	NEG	NEG	NEGATIVE
307	31263-18/17	BLOOD	SERUM	0.173	NEG	NT	NEG	NEG	NEGATIVE
309	31263-22/17	BLOOD	SERUM	0.551	POS	POS	1/2560	POS	POSITIVE
311	31280/17	TISSUE	SPLEEN	NT	NT	NT	1/160	POS	POSITIVE
317	31366/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
323	31377-1/17	BLOOD	SERUM	0.128	NEG	NT	NEG	NEG	NEGATIVE
325	31378/17	BLOOD	SERUM	0.187	NEG	NT	1/160	POS	POSITIVE
327	31396/17	BLOOD	SERUM	0.163	NEG	NT	1/160	POS	POSITIVE
331	31374-4/17	BLOOD	SERUM	0.368	DOUBT	POS	1/1280	POS	POSITIVE
332	31375-2/17	BLOOD	SERUM	0.202	NEG	NT	NEG	NEG	NEGATIVE
334	31275-45/17	BLOOD	SERUM	0.071	NEG	NT	NEG	NEG	NEGATIVE
336	31275-47/17	BLOOD	SERUM	0.073	NEG	NT	NEG	NEG	NEGATIVE
338	31275-52/17	BLOOD	SERUM	0.077	NEG	NT	NEG	NEG	NEGATIVE
340	31275-53/17	BLOOD	SERUM	0.093	NEG	NT	NEG	NEG	NEGATIVE
342	31611-1/17	BLOOD	SERUM	0.064	NEG	NT	NEG	NEG	NEGATIVE
344	32113-20/17	BLOOD	SERUM	0.241	NEG	NT	1/160	POS	POSITIVE
348	32311-1/17	BLOOD	SERUM	0.171	NEG	NT	NEG	NEG	NEGATIVE
350	32311-2/17	BLOOD	SERUM	0.088	NEG	NT	NEG	NEG	NEGATIVE
352	32312-8/17	BLOOD	SERUM	0.289	NEG	NT	1/2560	POS	POSITIVE
354	32737/17	TISSUE	SPLEEN	NT	NT	NT	1/320	POS	POSITIVE
357	32739-3/17	BLOOD	SERUM	0.601	POS	DOUBT	NEG	NEG	NEGATIVE
359	32739-4/17	BLOOD	SERUM	0.085	NEG	NT	NEG	NEG	NEGATIVE
363	34119-1/17	BLOOD	SERUM	0.156	NEG	NT	NEG	NEG	NEGATIVE



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ID CISA	ID NRL	TYPE OF SAMPLE		OIE-ELISA (a)		OIE-IB (b)	EURL-IPT* (c)		CONCLUSION*
				O.D. value	Result		Titer	Result	
365	34119-4/17	BLOOD	SERUM	0.38	DOUBT	DOUBT	NEG	NEG	NEGATIVE
371	35762-11/17	BLOOD	SERUM	0.102	NEG	NT	NEG	NEG	NEGATIVE
375	36105-3/17	BLOOD	SERUM	0.093	NEG	NT	NEG	NEG	NEGATIVE
377	36105-5/17	BLOOD	SERUM	0.13	NEG	NT	NEG	NEG	NEGATIVE
379	36105-8/17	BLOOD	SERUM	0.152	NEG	NT	NEG	NEG	NEGATIVE
381	36105-11/17	BLOOD	SERUM	0.102	NEG	NT	NEG	NEG	NEGATIVE
383	36106-1/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
387	36106-2/17	HOMOGENATE*	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
389	36106-4/17	TISSUE	SPLEEN	NT	NT	NT	1/80	POS	POSITIVE
392	36106-8/17	TISSUE	SPLEEN	NT	NT	NT	1/640	POS	POSITIVE
395	36911-6/17	TISSUE	SPLEEN	NT	NT	NT	1/320	POS	POSITIVE
398	36911-7/17	TISSUE	SPLEEN	NT	NT	NT	1/160	POS	POSITIVE
401	36911-8/17	TISSUE	SPLEEN	NT	NT	NT	1/80	POS	POSITIVE
405	36911-10/17	HOMOGENATE*	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
413	37405-4/17	BLOOD	SERUM	0.235	NEG	NT	1/2560	POS	POSITIVE
417	37403-7/17	BLOOD	SERUM	0.153	NEG	NT	1/5120	POS	POSITIVE
418	38879/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
426	40575/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
432	40577/17	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
438	42471/17	BLOOD	BLOOD	NT	NT	NT	NEG	NEG	NEGATIVE
440	42471-2/17	BLOOD	SERUM	0.093	NEG	NT	1/1280	POS	POSITIVE
442	42471-4/17	BLOOD	SERUM	0.119	NEG	NT	1/640	POS	POSITIVE
444	43217-3/17	BLOOD	SERUM	0.082	NEG	NT	NEG	NEG	NEGATIVE
446	43217-6/17	BLOOD	SERUM	0.335	DOUBT	NEG	1/640	POS	POSITIVE
448	43217-7/17	BLOOD	SERUM	0.066	NEG	NT	NEG	NEG	NEGATIVE
450	52842/17	TISSUE	SPLEEN	NT	NT	NT	1/160	POS	POSITIVE
456	52843/17	TISSUE	SPLEEN	NT	NT	NT	1/320	POS	POSITIVE
462	52844/17	TISSUE	SPLEEN	NT	NT	NT	1/1280	POS	POSITIVE
468	0001-12/18	BLOOD	SERUM	0.215	NEG	NT	1/80	POS	POSITIVE
470	00001-21/18	BLOOD	SERUM	0.106	NEG	NT	NEG	NEG	NEGATIVE
472	00002-2/18	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
475	00002-3/18	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
478	00002-4/18	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
481	00002-5/18	TISSUE	SPLEEN	NT	NT	NT	1/80	POS	POSITIVE
484	58448/17	TISSUE	SPLEEN	NT	NT	NT	1/640	POS	POSITIVE
487	00281-4/18	BLOOD	SERUM	0.244	DOUBT	DOUBT	1/2560	POS	POSITIVE
489	00281-8/18	BLOOD	SERUM	0.387	DOUBT	POS	1/2560	POS	POSITIVE
491	00281-9/18	BLOOD	SERUM	0.255	DOUBT	NEG	1/2560	POS	POSITIVE
493	00281-12/18	BLOOD	SERUM	0.169	NEG	NT	NEG	NEG	NEGATIVE
495	01578/18	TISSUE	SPLEEN	NT	NT	NT	1/2560	POS	POSITIVE
498	01578/18	TISSUE	KIDNEY	NT	NT	NT	1/640	POS	POSITIVE
501	01781-6/18	BLOOD	SERUM	0.159	NEG	NT	1/640	POS	POSITIVE
503	09285-1/18	BLOOD	SERUM	0.368	DOUBT	NEG	1/80	POS	POSITIVE
505	09285-13/18	BLOOD	SERUM	0.142	NEG	NT	1/80	POS	POSITIVE
507	09285-15/18	BLOOD	SERUM	0.303	DOUBT	NEG	1/80	WEAK	WEAK
509	09285-18/18	BLOOD	SERUM	0.079	NEG	NT	NEG	NEG	NEGATIVE
511	09286/18	TISSUE	SPLEEN	NT	NT	NT	NEG	NEG	NEGATIVE
514	09286/18	TISSUE	KIDNEY	NT	NT	NT	NEG	NEG	NEGATIVE



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ID CISA	ID NRL	TYPE OF SAMPLE		OIE-ELISA (a)		OIE-IB (b)	EURL-IPT* (c)		CONCLUSION*
				O.D. value	Result		Titer	Result	
517	09287/18	TISSUE	SPLEEN	NT	NT	NT	1/640	POS	POSITIVE
523	09659-2/18	BLOOD	SERUM	0.11	NEG	NT	NEG	NEG	NEGATIVE
525	09659-4/18	BLOOD	SERUM	0.099	NEG	NT	NEG	NEG	NEGATIVE
527	09659-20/18	BLOOD	SERUM	0.216	NEG	NT	NEG	NEG	NEGATIVE
529	09659-28/18	BLOOD	SERUM	0.109	NEG	NT	NEG	NEG	NEGATIVE

NT=NOT TESTED; WEAK= IPT Titre <1/80; *SAMPLES PREVIOUSLY PROCESSED AT THE NRL

(a) **OIE-ELISA** → indirect ELISA described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seven edition 2012). [PNT/CISA/PPA/ELISA/1]

(b) **INGENASA K3** → commercial ELISA kit Ingezim PPA Compac (11.PPA k3). [PNT/CISA/PPA/ELISA/2]

(c) **OIE-IB** → Immunoblotting described in the OIE Manual of diagnosis for ASF (Chapter 2.8.1. OIE seven edition 2012) [PNT/CISA/PPA/IB/1]

(d) **EURL-IPT** → indirect immunoperoxidase technique on E70MS infected cells using the protocol standardized and validated by the European Union Reference Laboratory (URL). [PNT/CISA/PPA/IPT/1]

1.3. ASFV molecular characterization* → Genetic characterization of ASFV has been done from 58 PCR positive domestic pig samples representatives of each of the 57 outbreaks received as is summarized in **table 4**.

Table 4 → Identification of the ASFV sequenced					
ASFV SEQUENCED	OUTBREAK Nº	OUTBREAK DATE	Sampling localization	ID CISA	ID ANIMAL /SAMPLE
POL17/DP-OUT53	OUTBREAK 53	13/04/2017	Terespol, Lubelskie	11	25476/17
POL17/DP-OUT51	OUTBREAK 51	07/07/2017	Mońki, Podlaskie	5	24730/17
POL17/DP-OUT52	OUTBREAK 52	08/07/2017	Janów Podlaski, Lubelskie	3	24663/17
POL17/DP-OUT54	OUTBREAK 54	18/07/2017	Kąkolewnica, Lubelskie	19	26024/17
POL17/DP-OUT55	OUTBREAK 55	19/07/2017	Kąkolewnica, Lubelskie	37	26219-7/17
POL17/DP-OUT59	OUTBREAK 59	19/07/2017	Baila podlaska, Lubelskie	39	26265/17
POL17/DP-OUT58	OUTBREAK 58	21/07/2017	Platerów, Mazowieckie	55	26748/17
POL17/DP-OUT56	OUTBREAK 56	24/07/2017	Biała Podlaska, Lubelskie	97	27061-17/17
POL17/DP-OUT57	OUTBREAK 57	24/07/2017	Kąkolewnica, Lubelskie	91	26983-7/17
POL17/DP-OUT60	OUTBREAK 60	25/07/2017	Włodawa, Lubelskie	107	27106/17
POL17/DP-OUT61	OUTBREAK 61	26/07/2017	Kąkolewnica, Lubelskie	115	27300-8/17
POL17/DP-OUT62	OUTBREAK 62	27/07/2017	Włodawa, Lubelskie	119	27474-3/17
POL17/DP-OUT63	OUTBREAK 63	27/07/2017	Terespol, Lubelskie	127	27597/17
POL17/DP-OUT64	OUTBREAK 64	27/07/2017	Goniądz, Podlaskie	135	27793-3/17
POL17/DP-OUT65	OUTBREAK 65	28/07/2017	Podedwórze, Lubelskie	143	27823-7/17
POL17/DP-OUT66	OUTBREAK 66	03/08/2017	Międzyrzecz, Lubelskie	166	28704/17
POL17/DP-OUT67	OUTBREAK 67	04/08/2017	Jadwabno, Podlaskie	168	28884/17
POL17/DP-OUT68	OUTBREAK 68	04/08/2017	Włodawa, Lubelskie	192	28892-1/17
POL17/DP-OUT69	OUTBREAK 69	05/08/2017	Hanna, Lubelskie	194	29172/17
POL17/DP-OUT70	OUTBREAK 70	06/08/2017	Podedwórze, Lubelskie	200	29187-4/17
POL17/DP-OUT71	OUTBREAK 71	09/08/2017	Hanna, Lubelskie	208	29348-24/17
POL17/DP-OUT72	OUTBREAK 72	09/08/2017	Podedwórze, Lubelskie	212	29395/17
POL17/DP-OUT73	OUTBREAK 73	10/08/2017	Kąkolewnica, Lubelskie	214	29787/17
POL17/DP-OUT74	OUTBREAK 74	10/08/2017	Baila podlaska, Lubelskie	222	29788-3/17
POL17/DP-OUT75	OUTBREAK 75	10/08/2017	Ślawatycze, Lubelskie	228	29795-3/17
POL17/DP-OUT76	OUTBREAK 76	14/08/2017	Rajgród, Podlaskie	254	30349/17
POL17/DP-OUT77	OUTBREAK 77	14/08/2017	Baila podlaska, Lubelskie	260	30352/17



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ASFV SEQUENCED	OUTBREAK Nº	OUTBREAK DATE	Sampling localization	ID CISA	ID ANIMAL /SAMPLE
POL17/DP-OUT77	not specified	17/08/2017	Podewórzec, Lubelskie	272	30733/17
POL17/DP-OUT79	OUTBREAK 79	18/08/2017	Międzyrzec, Lubelskie	283	30637-4/17
POL17/DP-OUT80	OUTBREAK 80	19/08/2017	Kąkolewnica, Lubelskie	301	31179-2/17
POL17/DP-OUT81	OUTBREAK 81	19/08/2017	Kąkolewnica, Lubelskie	293	31177/17
POL17/DP-OUT82	OUTBREAK 82	20/08/2017	Kąkolewnica, Lubelskie	303	31188-3/17
POL17/DP-OUT84	OUTBREAK 84	22/08/2017	Międzyrzec, Lubelskie	305	31217-2/17
POL17/DP-OUT85	OUTBREAK 85	22/08/2017	Międzyrzec, Lubelskie	307	31263-18/17
POL17/DP-OUT81	OUTBREAK 81	23/08/2017	Kąkolewnica, Lubelskie	332	31375-2/17
POL17/DP-OUT83	OUTBREAK 83	23/08/2017	Goniądz, Podlaskie	336	31275-47/17
POL17/DP-OUT86	OUTBREAK 86	23/08/2017	Międzyrzec, Lubelskie	325	31378/17
POL17/DP-OUT87	OUTBREAK 87	23/08/2017	Baila podlaska, Lubelskie	327	31396/17
POL17/DP-OUT88	OUTBREAK 88	23/08/2017	Korczew, Mazowieckie	317	31366/17
POL17/DP-OUT89	OUTBREAK 89	23/08/2017	Janów Podlaski, Lubelskie	342	31611-1/17
POL17/DP-OUT90	OUTBREAK 90	25/08/2017	Międzyrzec, Lubelskie	344	32113-20/17
POL17/DP-OUT91	OUTBREAK 91	26/08/2017	Międzyrzec, Lubelskie	346	32114-5/17
POL17/DP-OUT92	OUTBREAK 92	28/08/2017	Korczew, Mazowieckie	354	32737/17
POL17/DP-OUT93	OUTBREAK 93	31/08/2017	Międzyrzec, Lubelskie	361	33191/17
POL17/DP-OUT94	OUTBREAK 94	02/09/2017	Międzyrzec, Lubelskie	363	34119-1/17
POL17/DP-OUT95	OUTBREAK 95	08/09/2017	Międzyrzec, Lubelskie	367	35427/17
POL17/DP-OUT96	OUTBREAK 96	11/09/2017	Międzyrzec, Lubelskie	373	35762-14/17
POL17/DP-OUT97	OUTBREAK 97	11/09/2017	Paprotnia, Mazowieckie	383	36106-1/17
POL17/DP-OUT98	OUTBREAK 98	13/09/2017	Radzyń Podlaski, Lubelskie	407	36624-1/17
POL17/DP-OUT100	OUTBREAK 100	26/09/2017	Lipsk, Podlaskie	418	38879/17
POL17/DP-OUT101	OUTBREAK 101	26/09/2017	Radzyń Podlaski, Lubelskie	424	39889-15/17
POL17/DP-OUT102	OUTBREAK 102	05/10/2017	Międzyrzec, Lubelskie	442	42471-4/17
POL17/DP-OUT103	OUTBREAK 103	09/10/2017	Międzyrzec, Lubelskie	446	43217-6/17
POL17/DP-OUT104	OUTBREAK 104	25/11/2017	Włodawa, Lubelskie	450	52842/17
POL18/DP-OUT105	OUTBREAK 105	02/01/2018	Paprotnia, Mazowieckie	481	00002-5/18
POL18/DP-OUT106	OUTBREAK 106	03/01/2018	Korczew, Mazowieckie	484	58448/17
POL18/DP-OUT107	OUTBREAK 107	10/01/2018	Kamarówka, Lubelskie	495	01578/18
POL18/DP-OUT108	OUTBREAK 108	23/02/2018	Jabłoń, Lubelskie	517	09287/18

The expected ≈478 bp of the C-terminal p72-gene was obtained in the all domestic pig samples. The PCR amplicons were sequenced in order to place the ASFV domestic pig viruses in one of the defined 24 p72 genotypes. The ASF Poland domestic pig viruses clustered **within p72 genotype II** and showed 100% nucleotide identity with all compared ASFV isolates from Eastern and Central Europe across the 478-bp C-terminal p72 gene. Nucleotide and amino acid sequence analysis of the **CVR** and the **MGF-PCR** products placed the Polish DP (domestic pig) ASF viruses within the **GII-CVR1** and the **GII-MGF-1 variants** representatives of;

- **Variant GII-CVR1** characterized by the presence of 10 copies of amino acid tetramer repeats present in the ASFV circulating in:
 - the non-EU countries Moldova (2016, 2017), Ukraine (2012, 2015), Belarus (2013), Russia Federation (2008-2013), Azerbaijan (2008), Georgia (2007) and Armenia (2007).



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- the EU countries (except in Estonia, in Tartu region) since the beginning of the ASF outbreaks/cases in 2014,
- **Variant GII MGF -1** identical to that present in the ASFVs isolated since 2014 from wild and domestic pigs in the EU countries, as well as in the ASFV isolates available at the EURL collected from the outbreaks occurred in Belarus in 2013, Ukraine 2012 and 2015 and Moldova in 2016, 2017 and 2018 (available at the EURL). It was not related to the MGF-2 variant identified in Poland since 2016 and the MGF-4 and 5 identified in Lithuania in 2017-2018.

By the amplification and further sequence analysis of the **intergenic region between the I73R and I329L genes (IGR_{I73R-I329L})** was identified the presence of an additional nucleotide tandem repeat (TRS) insertion (ATATATAGAA) in the **ASFV Pol17/DP-OUT66 isolate** obtained from the **outbreak 66** occurred at Międzyrzecz, Lubelskie, Voivodeship on 3rd August 2017. This variant (**named IGR_{I73R-I329L-3}**) has not been previously identified in other ASFV genotype II characterized up to now at the EURL (**figure 1**).

Figure 1: nucleotide sequence alignment of the intergenic region between the genes I73R and I329L of the 3 different variants identified within the genotype II ASFV isolates. The additional TRS insertion (ATATATAGAA) identified in the ASFV Pol17/DP-OUT66 named variant 3 is indicated in grey

IGRI73R-I329L-1	CCATTTATCCCCGCTTTGGATACGGAAAACTAATTGTAACCCAGTAGTACATTTAAGGA	60
IGRI73R-I329L-2	CCATTTATCCCCGCTTTGGATACGGAAAACTAATTGTAACCCAGTAGTACATTTAAGGA	60
IGRI73R-I329L-3	CTATTTATCCCCGCTTTGGATACGGAAAACTAATTGTAACCCAGTAGTACATTTAAGGA	60
	* *****	
IGRI73R-I329L-1	TAGTTTAAGCAGTAAATGTAGAATAACACAGTTAAGCAATAAATAACAAGTATATAGGAA	120
IGRI73R-I329L-2	TAGTTTAAGCAGTAAATGTAGAATAACACAGTTAAGCAATAAATAACAAGTATATAGGAA	120
IGRI73R-I329L-3	TAGTTTAAGCAGTAAATGTAGAATAACACAGTTAAGCAATAAATAACAAGTATATAGGAA	120
	* *****	
IGRI73R-I329L-1	TATATAGGA-----ATATATAGAAATATATAGAAATAGCTAAGCT	160
IGRI73R-I329L-2	TATATAGGAATATATAGGA-----ATATATAGAAATATATAGAAATAGCTAAGCT	170
IGRI73R-I329L-3	TATATAGGAATATATAGGAATATATAGAAATATATAGAAATATATAGAAATAGCTAAGCT	180
	* *****	
IGRI73R-I329L-1	TAATACTAATTCAGCTTTTTTTTAACTAAAACCTGAATAGATGCGAAGTAGCGGACATA	220
IGRI73R-I329L-2	TAATACTAATTCAGCTTTTTTTTAACTAAAACCTGAATAGATGCGAAGTAGCGGACATA	230
IGRI73R-I329L-3	TAATACTAATTCAGCTTTTTTTTAACTAAAACCTGAATAGATGCGAAGTAGCGGACATA	240
	* *****	
IGRI73R-I329L-1	TACATACTAAAATAAGCCATACATTTACTTTCTTCTTGAACATGAAACCTTTTTTTCTTC	280
IGRI73R-I329L-2	TACATACTAAAATAAGCCATACATTTACTTTCTTCTTGAACATGAAACCTTTTTTTCTTC	290
IGRI73R-I329L-3	TACATACTAAAATAAGCCATACATTTACTTTCTTCTTGAACATGAAACCTTTTTTTCTTC	300
	* *****	
IGRI73R-I329L-1	TGTTGTTGGTATATAAACAATAGGACTGTTTGCTGAGGTTGTATGATCTTCTACAACCTGC	340
IGRI73R-I329L-2	TGTTGTTGGTATATAAACAATAGGACTGTTTGCTGAGGTTGTATGATCTTCTACAACCTGC	350
IGRI73R-I329L-3	TGTTGTTGGTATATAAACAATAGGACTGTTTGCTGAGGTTGTATGATCTTCTACAACCTGC	360
	* *****	
IGRI73R-I329L-1	TGTCTCAGGATGACGA	356
IGRI73R-I329L-2	TGTCTCAGGATGACGA	366
IGRI73R-I329L-3	TGTCTCAGGATGACGA	376
	* *****	



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The estimated size of the remaining DP Polish ASFV isolates was 366 bp which corresponds to the **IGR_{173R-1329L}-1329L-2 variant** present in the ASFVs isolates circulating in:

- the non-EU countries Moldova (2016, 2017), Ukraine (2012, 2015), Belarus (2013) and, since 2012, in Russia Federation when are co-circulating the two IGR variants (Gallardo *et al.*, 2014; Goller *et al.*, 2015).
- the EU countries (except in one ASFV isolate in Poland) since the beginning of the ASF outbreaks/cases in 2014,

A summary about the molecular typing of the Eastern European ASFV isolates is showed in **table 5**.

Table 5 → Summary of the molecular characterization results from Eastern European ASFV isolates 2007-2018				
COUNTRY	YEAR	CVR SUBTYPING	IGR _{173R-1329L} SUBTYPING	IGR _{MGF} SUBTYPING
Georgia	2007	CVR1	IGR-1	MGF -1
Armenia	2007	CVR1	IGR-1	MGF -1
Azerbaijan	2008	CVR1	IGR-1	MGF -1
Russia Federation	2007-2012	CVR1	IGR-1	MGF -1
	2012-2017	CVR1	IGR-1 + IGR-2	MGF -1 + MGF -2 + MGF -3
Ukraine	2012, 2015	CVR1	IGR-2	MGF -1
Belarus	2013	CVR1	IGR-2	MGF -1
	2014	CVR1	IGR-2	MGF -1
Estonia	2015-2016	CVR1 + CVR 2	IGR-2	MGF -1
	2017-2018	CVR1 + CVR1SNP1*	IGR-2	MGF -1
Latvia	2014-2018	CVR1	IGR-2	MGF -1
Lithuania	2014-2016	CVR1	IGR-2	MGF -1
	2017-2018	CVR1 + CVR1SNP3*	IGR-2	MGF -1 + MGF -4 + MGF -5
Poland	2014-2015	CVR1	IGR-2	MGF -1
	2016	CVR1	IGR-2	MGF -1 + MGF -2
	2017-2018	CVR1 + CVR1SNP2*	IGR-1 + IGR-2 + IGR 3	MGF -1 + MGF -2
Moldova	2016-2018	CVR1	IGR-2	MGF -1
Czech Republic	2017-2018	CVR1	IGR-2	MGF -1
Romania	2017-2018	CVR1	IGR-2	MGF -1
Hungary	2018	CVR1	IGR-2	MGF -1
Bulgaria	2018	CVR1	IGR-2	MGF -1
Belgium	2018	CVR1	IGR-2	MGF -1

*single nucleotide polymorphism within the CVR 1 variant.



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CONCLUSION*

1. The **presence of ASF** has been confirmed throughout ASFV genome and/or antibody detection in **all domestic pigs** received from Poland **from the outbreaks 51 to 108**, occurred since April 2017 to March 2018.
2. The **p72 genotyping** of the domestic pig ASFVs representatives of each of the **57 outbreaks** clustered the viruses within **p72 genotype II** circulating in the Eastern European countries since the first introduction in Georgia in 2007.
3. The **intergenic region (IGR I73R-I329L) subtyping** placed the **ASFV Pol17/DP-OUT66 isolate** collected from the **outbreak 66** occurred at Międzyrzecz, Lubelskie, Voivodeship on 3rd August 2017 within a **new variant named IGR_{I73R-I329L}-3 variant**, characterized by an additional tandem repeat sequence (TRS). This variant has not been previously identified in other genotype II ASFVs characterized up to now at the EURL.
4. The remaining viruses sequenced clustered within **the CVR-1, IGR-2 and MGF1 variants**. From the data available at the EURL, these are the variants mostly circulating within the EU countries as well as described in Moldova (2016, 2017, 2018), Ukraine (2012, 2015), Belarus (2013) and in certain areas of the Russia Federation.

The **table 6** summarizes the results obtained in each domestic pig combining virus and antibody detection tests, as well as the genotyping results.

Table 6 → ASF FINAL DIAGNOSTIC RESULT									
OUTBREAK DATE	ID ANIMAL	Outbreak	VIRUS DETECTION	ANTIBODY DETECTION	ASFV ISOLATE	GENOTYPING			
13/04/2017	25476/17	OUTBREAK 53	POSITIVE	POSITIVE	POL17/DP-OUT53	GII	CVR- 1	IGR _{I73R-I329L} -2	MGF -1
07/07/2017	24730/17	OUTBREAK 51	POSITIVE	POSITIVE	POL17/DP-OUT51	GII	CVR- 1	IGR _{I73R-I329L} -2	MGF -1
07/07/2017	24354-1/17	OUTBREAK 51	POSITIVE	WEAK ²	Not sequenced				
08/07/2017	24663/17	OUTBREAK 52	POSITIVE	NT	POL17/DP-OUT52	GII	CVR- 1	IGR _{I73R-I329L} -2	MGF -1
18/07/2017	26024/17	OUTBREAK 54	POSITIVE	NEGATIVE	POL17/DP-OUT54	GII	CVR- 1	IGR _{I73R-I329L} -2	MGF -1
18/07/2017	26023-2/17	OUTBREAK 54	POSITIVE	NEGATIVE	Not sequenced				
18/07/2017	26023-6/17	OUTBREAK 54	POSITIVE	NEGATIVE	Not sequenced				
18/07/2017	26023-7/17	OUTBREAK 54	WEAK ¹	NEGATIVE	Not sequenced				
18/07/2017	26217-4/17	OUTBREAK 54	POSITIVE	NEGATIVE	Not sequenced				
18/07/2017	26217-6/17	OUTBREAK 54	POSITIVE	NEGATIVE	Not sequenced				
18/07/2017	26218/17	OUTBREAK 54	POSITIVE	POSITIVE	Not sequenced				
18/07/2017	26219-5/17	OUTBREAK 55	POSITIVE	NEGATIVE	Not sequenced				
19/07/2017	26219-7/17	OUTBREAK 55	POSITIVE	NEGATIVE	POL17/DP-OUT55	GII	CVR- 1	IGR _{I73R-I329L} -2	MGF -1
19/07/2017	26265/17	OUTBREAK 59	POSITIVE	NEGATIVE	POL17/DP-OUT59	GII	CVR- 1	IGR _{I73R-I329L} -2	MGF -1
20/07/2017	26539-5/17	OUTBREAK 58	POSITIVE	POSITIVE	Not sequenced				
20/07/2017	26539-6/17	OUTBREAK 58	POSITIVE	NEGATIVE	Not sequenced				



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OUTBREAK DATE	ID ANIMAL	Outbreak	VIRUS DETECTION	ANTIBODY DETECTION	ASFV ISOLATE	GENOTYPING				
20/07/2017	26541/17	OUTBREAK 58	POSITIVE	POSITIVE	Not sequenced					
21/07/2017	26748/17	OUTBREAK 58	POSITIVE	POSITIVE	POL17/DP-OUT58	GII	CVR-1	IGR173R-1329L-2	MGF -1	
21/07/2017	26747-3/17	OUTBREAK 58	POSITIVE	POSITIVE	Not sequenced					
21/07/2017	26749/17	OUTBREAK 58	POSITIVE	POSITIVE	Not sequenced					
21/07/2017	26751/17	OUTBREAK 58	POSITIVE	POSITIVE	Not sequenced					
21/07/2017	26752/17	OUTBREAK 58	POSITIVE	NT	Not sequenced					
21/07/2017	26753/17	OUTBREAK 58	POSITIVE	NT	Not sequenced					
21/07/2017	26754/17	OUTBREAK 58	POSITIVE	NEGATIVE	Not sequenced					
21/07/2017	26755/17	OUTBREAK 58	POSITIVE	NEGATIVE	Not sequenced					
21/07/2017	26763/17	OUTBREAK 58	POSITIVE	NT	Not sequenced					
21/07/2017	27750/17	OUTBREAK 58	POSITIVE	NEGATIVE	Not sequenced					
24/07/2017	27061-17/17	OUTBREAK 56	POSITIVE	NEGATIVE	POL17/DP-OUT56	GII	CVR-1	IGR173R-1329L-2	MGF -1	
24/07/2017	26983-7/17	OUTBREAK 57	POSITIVE	POSITIVE	POL17/DP-OUT57	GII	CVR-1	IGR173R-1329L-2	MGF -1	
24/07/2017	26983-8/17	OUTBREAK 57	POSITIVE	POSITIVE	Not sequenced					
24/07/2017	27061-19/17	OUTBREAK 56	POSITIVE	NEGATIVE	Not sequenced		CVR-1		MGF -1	
24/07/2017	27061-7/17	OUTBREAK 56	POSITIVE	NEGATIVE	Not sequenced					
25/07/2017	27106/17	OUTBREAK 60	POSITIVE	POSITIVE	POL17/DP-OUT60	GII	CVR-1	IGR173R-1329L-2	MGF -1	
25/07/2017	27105/17	OUTBREAK 60	POSITIVE	NT	Not sequenced					
26/07/2017	27300-8/17	OUTBREAK 61	POSITIVE	NEGATIVE	POL17/DP-OUT61	GII	CVR-1	IGR173R-1329L-2	MGF -1	
26/07/2017	27300-2/17	OUTBREAK 61	POSITIVE	NEGATIVE						
27/07/2017	27474-3/17	OUTBREAK 62	POSITIVE	POSITIVE	POL17/DP-OUT62	GII	CVR-1	IGR173R-1329L-2	MGF -1	
27/07/2017	27597/17	OUTBREAK 63	POSITIVE	NEGATIVE	POL17/DP-OUT63	GII	CVR-1	IGR173R-1329L-2	MGF -1	
27/07/2017	27793-3/17	OUTBREAK 64	POSITIVE	POSITIVE	POL17/DP-OUT64	GII	CVR-1	IGR173R-1329L-2	MGF -1	
27/07/2017	27474-2/17	OUTBREAK 62	POSITIVE	NEGATIVE	Not sequenced					
27/07/2017	27474-4/17	OUTBREAK 62	POSITIVE	POSITIVE	Not sequenced					
27/07/2017	27474-6/17	OUTBREAK 62	POSITIVE	NEGATIVE	Not sequenced					
27/07/2017	27582-1/17	OUTBREAK 63	POSITIVE	NT	Not sequenced					
27/07/2017	27714-3/17	OUTBREAK 61	POSITIVE	NEGATIVE	Not sequenced					
27/07/2017	27714-6/17	OUTBREAK 61	POSITIVE	NEGATIVE	Not sequenced					
27/07/2017	27793-1/17	OUTBREAK 64	POSITIVE	POSITIVE	Not sequenced					
28/07/2017	27823-7/17	OUTBREAK 65	POSITIVE	NEGATIVE	POL17/DP-OUT65	GII	CVR-1	IGR173R-1329L-2	MGF -1	
28/07/2017	27799/17	OUTBREAK 64	POSITIVE	POSITIVE	Not sequenced					
28/07/2017	27818-1/17	OUTBREAK 60	POSITIVE	POSITIVE	Not sequenced					
28/07/2017	27823-1/17	OUTBREAK 65	POSITIVE	NEGATIVE	Not sequenced					
28/07/2017	27823-3/17	OUTBREAK 65	POSITIVE	NEGATIVE	Not sequenced					
28/07/2017	27823-4/17	OUTBREAK 65	POSITIVE	NEGATIVE	Not sequenced					
29/07/2017	28027-7/17	OUTBREAK 63	POSITIVE	NEGATIVE	Not sequenced					
29/07/2017	28039-2/17	OUTBREAK 60	POSITIVE	POSITIVE	Not sequenced					
29/07/2017	28039-23/17	OUTBREAK 60	POSITIVE	POSITIVE	Not sequenced					
29/07/2017	28039-3/17	OUTBREAK 60	POSITIVE	NEGATIVE	Not sequenced					
03/08/2017	28704/17	OUTBREAK 66	POSITIVE	NT	POL17/DP-OUT66	GII	CVR-1	IGR173R-1329L-3	MGF -1	
03/08/2017	28563/17	OUTBREAK 64	POSITIVE	NT	Not sequenced					
04/08/2017	28884/17	OUTBREAK 67	POSITIVE	POSITIVE	POL17/DP-OUT67	GII	CVR-1	IGR173R-1329L-2	MGF -1	
04/08/2017	28892-1/17	OUTBREAK 68	POSITIVE	NEGATIVE	POL17/DP-OUT68	GII	CVR-1	IGR173R-1329L-2	MGF -1	
04/08/2017	28885/17	OUTBREAK 67	POSITIVE	POSITIVE	Not sequenced					
04/08/2017	28886/17	OUTBREAK 67	POSITIVE	POSITIVE	Not sequenced					
04/08/2017	28887/17	OUTBREAK 67	POSITIVE	POSITIVE	Not sequenced					
05/08/2017	29172/17	OUTBREAK 69	POSITIVE	POSITIVE	POL17/DP-OUT69	GII	CVR-1	IGR173R-1329L-2	MGF -1	
06/08/2017	29187-4/17	OUTBREAK 70	POSITIVE	NT	POL17/DP-OUT70	GII	CVR-1	IGR173R-1329L-2	MGF -1	
06/08/2017	29188/17	OUTBREAK 70	POSITIVE	NEGATIVE	Not sequenced					
09/08/2017	29348-24/17	OUTBREAK 71	POSITIVE	NEGATIVE	POL17/DP-OUT71	GII	CVR-1	IGR173R-1329L-2	MGF -1	
09/08/2017	29395/17	OUTBREAK 72	POSITIVE	NT	POL17/DP-OUT72	GII	CVR-1	IGR173R-1329L-2	MGF -1	
09/08/2017	29348-25/17	OUTBREAK 71	POSITIVE	NEGATIVE	Not sequenced					
10/08/2017	29787/17	OUTBREAK 73	POSITIVE	NEGATIVE	POL17/DP-OUT73	GII	CVR-1	IGR173R-1329L-2	MGF -1	



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OUTBREAK DATE	ID ANIMAL	Outbreak	VIRUS DETECTION	ANTIBODY DETECTION	ASFV ISOLATE	GENOTYPING			
10/08/2017	29788-3/17	OUTBREAK 74	POSITIVE	POSITIVE	POL17/DP-OUT74	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
10/08/2017	29795-3/17	OUTBREAK 75	POSITIVE	NEGATIVE	POL17/DP-OUT75	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
10/08/2017	29788-1/17	OUTBREAK 73	POSITIVE	NEGATIVE	Not sequenced				
10/08/2017	29788-5/17	OUTBREAK 74	POSITIVE	NEGATIVE	Not sequenced				
10/08/2017	29794/17	OUTBREAK 75	POSITIVE	NT	Not sequenced				
11/08/2017	30038-25/17	OUTBREAK 73	POSITIVE	POSITIVE	Not sequenced				
11/08/2017	30038-3/17	OUTBREAK 73	POSITIVE	NEGATIVE	Not sequenced				
14/08/2017	30349/17	OUTBREAK 76	POSITIVE	POSITIVE	POL17/DP-OUT76	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
14/08/2017	30352/17	OUTBREAK 77	POSITIVE	NEGATIVE	POL17/DP-OUT77	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
14/08/2017	30346/17	OUTBREAK 76	POSITIVE	NEGATIVE	Not sequenced				
14/08/2017	30347/17	OUTBREAK 76	POSITIVE	NEGATIVE	Not sequenced				
14/08/2017	30348/17	OUTBREAK 76	POSITIVE	NEGATIVE	Not sequenced				
14/08/2017	30353-1/17	OUTBREAK 77	POSITIVE	NEGATIVE	Not sequenced				
14/08/2017	30353-6/17	OUTBREAK 77	POSITIVE	NEGATIVE	Not sequenced				
17/08/2017	30733/17	not specified	POSITIVE	NT	POL17/DP-OUT77	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
17/08/2017	30701/17	OUTBREAK 79	POSITIVE	POSITIVE	Not sequenced				
17/08/2017	30702-1/17	OUTBREAK 79	POSITIVE	NEGATIVE	Not sequenced				
17/08/2017	30702-2/17	OUTBREAK 79	POSITIVE	NEGATIVE	Not sequenced				
17/08/2017	30801-2/17	OUTBREAK 80	POSITIVE	NEGATIVE	Not sequenced				
17/08/2017	30807/17	OUTBREAK 78	POSITIVE	NEGATIVE	Not sequenced				
18/08/2017	30637-4/17	OUTBREAK 79	POSITIVE	NEGATIVE	POL17/DP-OUT79	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
19/08/2017	31179-2/17	OUTBREAK 80	POSITIVE	NEGATIVE	POL17/DP-OUT80	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
19/08/2017	31177/17	OUTBREAK 81	POSITIVE	NEGATIVE	POL17/DP-OUT81	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
19/08/2017	30827-1/17	OUTBREAK 78	POSITIVE	NEGATIVE	Not sequenced				
19/08/2017	31025/17	OUTBREAK 83	POSITIVE	WEAK	Not sequenced				
19/08/2017	31029/17	OUTBREAK 83	POSITIVE	POSITIVE	Not sequenced				
19/08/2017	31178-4/17	OUTBREAK 81	POSITIVE	NEGATIVE	Not sequenced				
20/08/2017	31188-3/17	OUTBREAK 82	POSITIVE	NEGATIVE	POL17/DP-OUT82	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
22/08/2017	31217-2/17	OUTBREAK 84	POSITIVE	NT	POL17/DP-OUT84	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
22/08/2017	31263-18/17	OUTBREAK 85	POSITIVE	NEGATIVE	POL17/DP-OUT85	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
22/08/2017	31263-22/17	OUTBREAK 85	POSITIVE	POSITIVE	Not sequenced				
22/08/2017	31280/17	OUTBREAK 78	POSITIVE	POSITIVE	Not sequenced				
23/08/2017	31375-2/17	OUTBREAK 81	POSITIVE	NEGATIVE	POL17/DP-OUT81	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
23/08/2017	31275-47/17	OUTBREAK 83	POSITIVE	NEGATIVE	POL17/DP-OUT83	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
23/08/2017	31378/17	OUTBREAK 86	POSITIVE	POSITIVE	POL17/DP-OUT86	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
23/08/2017	31275-45/17	OUTBREAK 83	POSITIVE	NEGATIVE	Not sequenced				
23/08/2017	31396/17	OUTBREAK 87	POSITIVE	POSITIVE	POL17/DP-OUT87	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
23/08/2017	31275-52/17	OUTBREAK 83	POSITIVE	NEGATIVE	Not sequenced				
23/08/2017	31275-53/17	OUTBREAK 83	POSITIVE	NEGATIVE	Not sequenced				
23/08/2017	31366/17	OUTBREAK 88	POSITIVE	NEGATIVE	POL17/DP-OUT88	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
23/08/2017	31374-4/17	OUTBREAK 82	POSITIVE	POSITIVE	Not sequenced				
23/08/2017	31611-1/17	OUTBREAK 89	POSITIVE	NEGATIVE	POL17/DP-OUT89	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
23/08/2017	31377-1/17	OUTBREAK 86	POSITIVE	NEGATIVE	Not sequenced				
25/08/2017	32113-20/17	OUTBREAK 90	POSITIVE	POSITIVE	POL17/DP-OUT90	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
26/08/2017	32114-5/17	OUTBREAK 91	POSITIVE	NT	POL17/DP-OUT91	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
26/08/2017	32311-1/17	OUTBREAK 88	POSITIVE	NEGATIVE	Not sequenced				
26/08/2017	32311-2/17	OUTBREAK 88	POSITIVE	NEGATIVE	Not sequenced				
26/08/2017	32312-8/17	OUTBREAK 88	POSITIVE	POSITIVE	Not sequenced				
28/08/2017	32737/17	OUTBREAK 92	POSITIVE	POSITIVE	POL17/DP-OUT92	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
29/08/2017	32739-3/17	OUTBREAK 92	POSITIVE	NEGATIVE	Not sequenced				
29/08/2017	32739-4/17	OUTBREAK 92	POSITIVE	NEGATIVE	Not sequenced				
31/08/2017	33191/17	OUTBREAK 93	POSITIVE	NT	POL17/DP-OUT93	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
02/09/2017	34119-1/17	OUTBREAK 94	POSITIVE	NEGATIVE	POL17/DP-OUT94	GII	CVR-1	IGR _{173R-1329L} -2	MGF -1
02/09/2017	34119-4/17	OUTBREAK 94	POSITIVE	NEGATIVE	Not sequenced				



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OUTBREAK DATE	ID ANIMAL	Outbreak	VIRUS DETECTION	ANTIBODY DETECTION	ASFV ISOLATE	GENOTYPING			
08/09/2017	35427/17	OUTBREAK 95	POSITIVE	NT	POL17/DP-OUT95	GII	CVR- 1	IGR173R-1329L-2	MGF -1
11/09/2017	35762-14/17	OUTBREAK 95	POSITIVE	NT	POL17/DP-OUT96	GII	CVR- 1	IGR173R-1329L-2	MGF -1
11/09/2017	36106-1/17	OUTBREAK 97	POSITIVE	NEGATIVE	POL17/DP-OUT97	GII	CVR- 1	IGR173R-1329L-2	MGF -1
11/09/2017	35762-11/17	OUTBREAK 96	POSITIVE	NEGATIVE	Not sequenced				
11/09/2017	35762-8/17	OUTBREAK 96	WEAK	NT	Not sequenced				
11/09/2017	36105-11/17	OUTBREAK 97	POSITIVE	NEGATIVE	Not sequenced				
11/09/2017	36105-3/17	OUTBREAK 97	POSITIVE	NEGATIVE	Not sequenced				
11/09/2017	36105-5/17	OUTBREAK 97	POSITIVE	NEGATIVE	Not sequenced				
11/09/2017	36105-8/17	OUTBREAK 97	POSITIVE	NEGATIVE	Not sequenced				
11/09/2017	36106-2/17	OUTBREAK 97	POSITIVE	NT	Not sequenced				
11/09/2017	36106-4/17	OUTBREAK 97	POSITIVE	POSITIVE	Not sequenced				
11/09/2017	36106-8/17	OUTBREAK 97	POSITIVE	POSITIVE	Not sequenced				
13/09/2017	36624-1/17	OUTBREAK 98	POSITIVE	NT	POL17/DP-OUT98	GII	CVR- 1	IGR173R-1329L-2	MGF -1
13/09/2017	36624-2/17	OUTBREAK 98	POSITIVE	NT	Not sequenced				
13/09/2017	36624-3/17	OUTBREAK 98	POSITIVE	NT	Not sequenced				
13/09/2017	36911-10/17	OUTBREAK 97	POSITIVE	NT	Not sequenced				
13/09/2017	36911-6/17	OUTBREAK 97	POSITIVE	POSITIVE	Not sequenced				
13/09/2017	36911-7/17	OUTBREAK 97	POSITIVE	POSITIVE	Not sequenced				
13/09/2017	36911-8/17	OUTBREAK 97	POSITIVE	POSITIVE	Not sequenced				
15/09/2017	37405-4/17	OUTBREAK 98	POSITIVE	POSITIVE	Not sequenced				
21/09/2017	37403-7/17	OUTBREAK 99	POSITIVE	POSITIVE	Not sequenced				
26/09/2017	38879/17	OUTBREAK 100	POSITIVE	NEGATIVE	POL17/DP-OUT100	GII	CVR- 1	IGR173R-1329L-2	MGF -1
26/09/2017	39889-15/17	OUTBREAK 101	POSITIVE	NT	POL17/DP-OUT101	GII	CVR- 1	IGR173R-1329L-2	MGF -1
28/09/2017	40575/17	OUTBREAK 100	POSITIVE	NEGATIVE	Not sequenced				
28/09/2017	40577/17	OUTBREAK 100	POSITIVE	NEGATIVE	Not sequenced				
05/10/2017	42471-4/17	OUTBREAK 102	POSITIVE	POSITIVE	POL17/DP-OUT102	GII	CVR- 1	IGR173R-1329L-2	MGF -1
05/10/2017	42471/17	OUTBREAK 102	POSITIVE	NEGATIVE	Not sequenced				
05/10/2017	42471-2/17	OUTBREAK 102	POSITIVE	POSITIVE	Not sequenced				
09/10/2017	43217-6/17	OUTBREAK 103	POSITIVE	POSITIVE	POL17/DP-OUT103	GII	CVR- 1	IGR173R-1329L-2	MGF -1
09/10/2017	43217-3/17	OUTBREAK 103	POSITIVE	NEGATIVE	Not sequenced				
09/10/2017	43217-7/17	OUTBREAK 103	POSITIVE	NEGATIVE	Not sequenced				
25/11/2017	52842/17	OUTBREAK 104	POSITIVE	POSITIVE	POL17/DP-OUT104	GII	CVR- 1	IGR173R-1329L-2	MGF -1
25/11/2017	52843/17	OUTBREAK 104	POSITIVE	POSITIVE	Not sequenced				
25/11/2017	52844/17	OUTBREAK 104	POSITIVE	POSITIVE	Not sequenced				
02/01/2018	00001-21/18	OUTBREAK 105	WEAK	NEGATIVE	Not sequenced				
02/01/2018	00002-2/18	OUTBREAK 105	POSITIVE	NEGATIVE	Not sequenced				
02/01/2018	00002-3/18	OUTBREAK 105	POSITIVE	NEGATIVE	Not sequenced				
02/01/2018	00002-4/18	OUTBREAK 105	POSITIVE	NEGATIVE	Not sequenced				
02/01/2018	0001-12/18	OUTBREAK 105	POSITIVE	POSITIVE	Not sequenced				
02/01/2018	00002-5/18	OUTBREAK 105	POSITIVE	POSITIVE	POL18/DP-OUT105	GII	CVR- 1	IGR173R-1329L-2	MGF -1
03/01/2018	58448/17	OUTBREAK 106	POSITIVE	POSITIVE	POL18/DP-OUT106	GII	CVR- 1	IGR173R-1329L-2	MGF -1
04/01/2018	00281-12/18	OUTBREAK 105	POSITIVE	NEGATIVE	Not sequenced				
04/01/2018	00281-4/18	OUTBREAK 105	POSITIVE	POSITIVE	Not sequenced				
04/01/2018	00281-8/18	OUTBREAK 105	POSITIVE	POSITIVE	Not sequenced				
04/01/2018	00281-9/18	OUTBREAK 105	POSITIVE	POSITIVE	Not sequenced				
10/01/2018	01578/18	OUTBREAK 107	POSITIVE	POSITIVE	POL18/DP-OUT107	GII	CVR- 1	IGR173R-1329L-2	MGF -1
17/01/2018	01781-6/18	OUTBREAK 107	POSITIVE	POSITIVE	Not sequenced				
23/02/2018	09285-1/18	OUTBREAK 108	POSITIVE	POSITIVE	Not sequenced				
23/02/2018	09285-13/18	OUTBREAK 108	POSITIVE	POSITIVE	Not sequenced				
23/02/2018	09285-15/18	OUTBREAK 108	POSITIVE	POSITIVE	Not sequenced				
23/02/2018	09285-18/18	OUTBREAK 108	POSITIVE	NEGATIVE	Not sequenced				
23/02/2018	09286/18	OUTBREAK 108	POSITIVE	NEGATIVE	Not sequenced				
23/02/2018	09287/18	OUTBREAK 108	POSITIVE	POSITIVE	POL18/DP-OUT108	GII	CVR- 1	IGR173R-1329L-2	MGF -1
02/03/2018	09659-2/18	OUTBREAK 108	POSITIVE	NEGATIVE	Not sequenced				



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OUTBREAK DATE	ID ANIMAL	Outbreak	VIRUS DETECTION	ANTIBODY DETECTION	ASFV ISOLATE	GENOTYPING		
02/03/2018	09659-20/18	OUTBREAK 108	POSITIVE	NEGATIVE	Not sequenced			
02/03/2018	09659-28/18	OUTBREAK 108	POSITIVE	NEGATIVE	Not sequenced			
02/03/2018	09659-4/18	OUTBREAK 108	POSITIVE	NEGATIVE	Not sequenced			

(1) WEAK = PCR-UPL weak (Ct>35-40). (2) WEAK = IPT weak titer < 1/80; NT = not tested

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