

Table S1. Diagnostic analysis results (Cts) for African swine fever virus qPCR.

| ID | Sample | Isolate | Origin | Host | ASFV GPS™-mix | King et al. | Fernández Pinero et al. |
|----|-------------|-------------------|------------|--------------|------------------|-------------|----------------------------|
| 1 | Blood serum | E70 | Spain | Domestic pig | 29.98 | 32.72 | 31.49 |
| 2 | Blood serum | BF07 OUAGA 2 | Burkina | Domestic pig | 32.53 | 34.84 | 35.79 |
| 3 | Blood serum | SS14/WB-Sassari1 | Italy | Wild boar | 31.83 | 33.35 | 32.33 |
| 4 | Blood serum | SS14/DP-Cagliari1 | Italy | Domestic pig | 36.18 | Negative | 36.67 |
| 5 | Blood serum | Arm07 | Armenia | Domestic pig | 29.68 | 31.56 | 30.51 |
| 6 | Blood serum | Ukr12/Zapo | Ukraine | Domestic pig | 28.30 | 30.79 | 28.48 |
| 7 | Blood serum | Ukr15/DP-Kieve 1 | Ukraine | Domestic pig | 32.43 | 35.57 | 34.28 |
| 8 | Blood serum | LT14/1490 | Lithuania | Wild boar | 29.89 | 32.01 | 27.41 |
| 9 | Blood serum | Pol14/Krus | Poland | Wild boar | 30.64 | 33.12 | 30.75 |
| 10 | Blood serum | Lv14/DP/Robez3 | Latvia | Domestic pig | 33.59 | 35.7 | 35.9 |
| 11 | Blood serum | Est14/WB-Valga-1 | Estonia | Wild boar | 32.58 | 34.85 | 35.22 |
| 12 | Blood serum | Est15/WB-Tartu14 | Estonia | Wild boar | 35.32 | 35.86 | 37.39 |
| 13 | Blood serum | MOL16/DP-CERNO1 | Moldova | Domestic pig | 35.71 | Negative | 32.63 |
| 14 | Blood serum | MOL16/DP-MOSA1 | Moldova | Domestic pig | 33.76 | 36 | 34.47 |
| 15 | Blood serum | Moz64 | Mozambique | Domestic pig | 29.99 | 32.71 | 32.64 |
| 16 | Blood serum | MwLil 20/1 | Malawi | Tick | 33.08 | 35.09 | 35.18 |
| 17 | Blood serum | Ken11/KisP52 | Kenia | Domestic pig | 34.76 | 32.67 | 33.65 |
| 18 | Blood serum | Ken06.Bus | Kenia | Domestic pig | 42.53 | Negative | 39.65 |
| 19 | Blood serum | Ken08Tk.2/1 | Kenia | Tick | 35.54 | 34.22 | 32.46 |
| 20 | Blood serum | UG10/Tk3.2 | Uganda | Tick | 38.88 | 39.4 | 37.96 |
| 21 | Blood serum | Eth13/1505 | Ethiopia | Domestic pig | 32.37 | 34.58 | 34.56 |
| 22 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 23 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 24 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |

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|----|-------------|-------------------|------------|--------------|----------|----------|----------|
| 54 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 55 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 56 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 57 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 58 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 59 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 60 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 61 | Blood serum | - | Spain | Domestic pig | Negative | Negative | Negative |
| 62 | Kidney | E70 | Spain | Domestic pig | 28.38 | 31.42 | 31.43 |
| 63 | Kidney | BF07 OUAGA 2 | Burkina | Domestic pig | 31.46 | 33.97 | 29.83 |
| 64 | Kidney | SS14/WB-Sassari1 | Italy | Wild boar | 29.81 | 33.53 | 32.6 |
| 65 | Kidney | SS14/DP-Cagliari1 | Italy | Domestic pig | 33.74 | 39.34 | 35.47 |
| 66 | Kidney | Arm07 | Armenia | Domestic pig | 27.88 | 31.46 | 31.05 |
| 67 | Kidney | Ukr12/Zapo | Ukraine | Domestic pig | 27.47 | 30.26 | 28.92 |
| 68 | Kidney | Ukr15/DP-Kieve 1 | Ukraine | Domestic pig | 29.87 | 33.19 | 32.57 |
| 69 | Kidney | LT14/1490 | Lithuania | Wild boar | 27.60 | 30.66 | 29.01 |
| 70 | Kidney | Pol14/Krus | Poland | Wild boar | 29.16 | 31.40 | 31.71 |
| 71 | Kidney | Lv14/DP/Robez3 | Latvia | Domestic pig | 32.02 | 34.69 | 33.87 |
| 72 | Kidney | Est14/WB-Valga-1 | Estonia | Wild boar | 31.43 | 34.20 | 31.88 |
| 73 | Kidney | Est15/WB-Tartu14 | Estonia | Wild boar | 32.56 | 36.96 | 33.38 |
| 74 | Kidney | MOL16/DP-CERNO1 | Moldova | Domestic pig | 33.14 | 36.19 | 33.42 |
| 75 | Kidney | MOL16/DP-MOSA1 | Moldova | Domestic pig | 31.86 | 35.92 | 34.91 |
| 76 | Kidney | Moz64 | Mozambique | Domestic pig | 28.26 | 31.13 | 31.31 |
| 77 | Kidney | MwLil 20/1 | Malawi | Tick | 31.95 | 34.72 | 34.3 |
| 78 | Kidney | Ken11/KisP52 | Kenia | Domestic pig | 32.78 | 31.94 | 31.02 |
| 79 | Kidney | Ken06.Bus | Kenia | Domestic pig | 37.75 | 37.44 | 35.14 |
| 80 | Kidney | Ken08Tk.2/1 | Kenia | Tick | 31.56 | 30.37 | 29.13 |
| 81 | Kidney | UG10/Tk3.2 | Uganda | Tick | 38.26 | 37.66 | 37.63 |
| 82 | Kidney | Eth13/1505 | Ethiopia | Domestic pig | 29.57 | 33.90 | 26.61 |

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|-----|--------|-------------------|------------|--------------|----------|-----------------|----------|
| 83 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 84 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 85 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 86 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 87 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 88 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 89 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 90 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 91 | Kidney | - | Spain | Domestic pig | Negative | Negative | Negative |
| 92 | Heart | E70 | Spain | Domestic pig | 28.00 | Neg-Inhib IC | 30.1 |
| 93 | Heart | BF07 OUAGA 2 | Burkina | Domestic pig | 31.27 | 34.61 | 31.88 |
| 94 | Heart | SS14/WB-Sassari1 | Italy | Wild boar | 30.46 | 32.81 | 31.68 |
| 95 | Heart | SS14/DP-Cagliari1 | Italy | Domestic pig | 34.98 | Negative | 35.09 |
| 96 | Heart | Arm07 | Armenia | Domestic pig | 28.54 | 30.83 | 29.72 |
| 97 | Heart | Ukr12/Zapo | Ukraine | Domestic pig | 29.22 | 29.9 | 29.98 |
| 98 | Heart | Ukr15/DP-Kieve 1 | Ukraine | Domestic pig | 30.1 | 32.44 | 30.45 |
| 99 | Heart | LT14/1490 | Lithuania | Wild boar | 28.13 | 30.11 | 29.37 |
| 100 | Heart | Pol14/Krus | Poland | Wild boar | 28.79 | 31.51 | 30.77 |
| 101 | Heart | Lv14/DP/Robez3 | Latvia | Domestic pig | 31.88 | 34.57 | 33.04 |
| 102 | Heart | Est14/WB-Valga-1 | Estonia | Wild boar | 31.66 | 34.16 | 32.87 |
| 103 | Heart | Est15/WB-Tartu14 | Estonia | Wild boar | 33.20 | 35.12 | 35.5 |
| 104 | Heart | MOL16/DP-CERNO1 | Moldova | Domestic pig | 32.27 | 41.52 | 38.2 |
| 105 | Heart | MOL16/DP-MOSA1 | Moldova | Domestic pig | 31.84 | 35.08 | 34.53 |
| 106 | Heart | Moz64 | Mozambique | Domestic pig | 28.58 | 31.28 | 31 |
| 107 | Heart | MwLil 20/1 | Malawi | Tick | 32.36 | 34.12 | 33.01 |
| 108 | Heart | Ken11/KisP52 | Kenia | Domestic pig | 34.2 | 31.48 | 29.8 |
| 109 | Heart | Ken06.Bus | Kenia | Domestic pig | 36.18 | 34.16 | 33.72 |
| 110 | Heart | Ken08Tk.2/1 | Kenia | Tick | 32.49 | 30.22 | 28.41 |

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|-----|-------|-------------------|------------|--------------|----------|-----------------|----------|
| 111 | Heart | UG10/Tk3.2 | Uganda | Tick | 39.51 | 37.28 | 34.37 |
| 112 | Heart | Eth13/1505 | Ethiopia | Domestic pig | 30.37 | 33.77 | 32.85 |
| 113 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 114 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 115 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 116 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 117 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 118 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 119 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 120 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 121 | Heart | - | Spain | Domestic pig | Negative | Negative | Negative |
| 122 | Liver | E70 | Spain | Domestic pig | 28.00 | Neg-Inhib IC | 30.1 |
| 123 | Liver | BF07 OUAGA 2 | Burkina | Domestic pig | 31.27 | 34.61 | 31.88 |
| 124 | Liver | SS14/WB-Sassari1 | Italy | Wild boar | 30.46 | 32.81 | 31.68 |
| 125 | Liver | SS14/DP-Cagliari1 | Italy | Domestic pig | 34.98 | Negative | 35.09 |
| 126 | Liver | Arm07 | Armenia | Domestic pig | 28.54 | 30.83 | 29.72 |
| 127 | Liver | Ukr12/Zapo | Ukraine | Domestic pig | 29.22 | 29.9 | 29.98 |
| 128 | Liver | Ukr15/DP-Kieve 1 | Ukraine | Domestic pig | 30.1 | 32.44 | 30.45 |
| 129 | Liver | LT14/1490 | Lithuania | Wild boar | 28.13 | 30.11 | 29.37 |
| 130 | Liver | Pol14/Krus | Poland | Wild boar | 28.79 | 31.51 | 30.77 |
| 131 | Liver | Lv14/DP/Robez3 | Latvia | Domestic pig | 31.88 | 34.57 | 33.04 |
| 132 | Liver | Est14/WB-Valga-1 | Estonia | Wild boar | 31.66 | 34.16 | 32.87 |
| 133 | Liver | Est15/WB-Tartu14 | Estonia | Wild boar | 33.20 | 35.12 | 35.5 |
| 134 | Liver | MOL16/DP-CERNO1 | Moldova | Domestic pig | 32.27 | 41.52 | 38.2 |
| 135 | Liver | MOL16/DP-MOSA1 | Moldova | Domestic pig | 31.84 | 35.08 | 34.53 |
| 136 | Liver | Moz64 | Mozambique | Domestic pig | 28.58 | 31.28 | 31 |
| 137 | Liver | MwLil 20/1 | Malawi | Tick | 32.36 | 34.12 | 33.01 |
| 138 | Liver | Ken11/KisP52 | Kenia | Domestic pig | 34.2 | 31.48 | 29.8 |

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|-----|--------|-------------------|------------|--------------|----------|----------|----------|
| 139 | Liver | Ken06.Bus | Kenia | Domestic pig | 36.18 | 34.16 | 33.72 |
| 140 | Liver | Ken08Tk.2/1 | Kenia | Tick | 32.49 | 30.22 | 28.41 |
| 141 | Liver | UG10/Tk3.2 | Uganda | Tick | 39.51 | 37.28 | 34.37 |
| 142 | Liver | Eth13/1505 | Ethiopia | Domestic pig | 30.37 | 33.77 | 32.85 |
| 143 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 144 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 145 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 146 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 147 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 148 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 149 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 150 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 151 | Liver | - | Spain | Domestic pig | Negative | Negative | Negative |
| 152 | Tonsil | E70 | Spain | Domestic pig | 28.51 | 30.73 | 27.47 |
| 153 | Tonsil | BF07 OUAGA 2 | Burkina | Domestic pig | 30.91 | 35.77 | 35.69 |
| 154 | Tonsil | SS14/WB-Sassari1 | Italy | Wild boar | 29.86 | 34.12 | 31.16 |
| 155 | Tonsil | SS14/DP-Cagliari1 | Italy | Domestic pig | 32.64 | 36.12 | 34.24 |
| 156 | Tonsil | Arm07 | Armenia | Domestic pig | 28.14 | 31.81 | 30.26 |
| 157 | Tonsil | Ukr12/Zapo | Ukraine | Domestic pig | 27.47 | 30.42 | 29.66 |
| 158 | Tonsil | Ukr15/DP-Kieve 1 | Ukraine | Domestic pig | 29.98 | 33.3 | 32.2 |
| 159 | Tonsil | LT14/1490 | Lithuania | Wild boar | 28.21 | 31.2 | 29.67 |
| 160 | Tonsil | Pol14/Krus | Poland | Wild boar | 28.70 | 32.16 | 31.56 |
| 161 | Tonsil | Lv14/DP/Robez3 | Latvia | Domestic pig | 31.71 | 35.54 | 35.3 |
| 162 | Tonsil | Est14/WB-Valga-1 | Estonia | Wild boar | 31.87 | 35.17 | 32.61 |
| 163 | Tonsil | Est15/WB-Tartu14 | Estonia | Wild boar | 32.64 | 36.76 | 36.54 |
| 164 | Tonsil | MOL16/DP-CERNO1 | Moldova | Domestic pig | 33.31 | 38.51 | 37.38 |
| 165 | Tonsil | MOL16/DP-MOSA1 | Moldova | Domestic pig | 31.20 | 35.46 | 35 |
| 166 | Tonsil | Moz64 | Mozambique | Domestic pig | 28.11 | 31.27 | 31.02 |
| 167 | Tonsil | MwLil 20/1 | Malawi | Tick | 31.82 | 34.93 | 33.86 |

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|-----|--------|--------------|----------|--------------|----------|----------|----------|
| 168 | Tonsil | Ken11/KisP52 | Kenia | Domestic pig | 33.10 | 32.36 | 30.87 |
| 169 | Tonsil | Ken06.Bus | Kenia | Domestic pig | 36.68 | 37.31 | 35.27 |
| 170 | Tonsil | Ken08Tk.2/1 | Kenia | Tick | 32.24 | 31.15 | 29.14 |
| 171 | Tonsil | UG10/Tk3.2 | Uganda | Tick | 37.79 | Negative | 35.27 |
| 172 | Tonsil | Eth13/1505 | Ethiopia | Domestic pig | 30.56 | 34.39 | 36.72 |
| 173 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 174 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 175 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 176 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 177 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 178 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 179 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 180 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
| 181 | Tonsil | - | Spain | Domestic pig | Negative | Negative | Negative |
