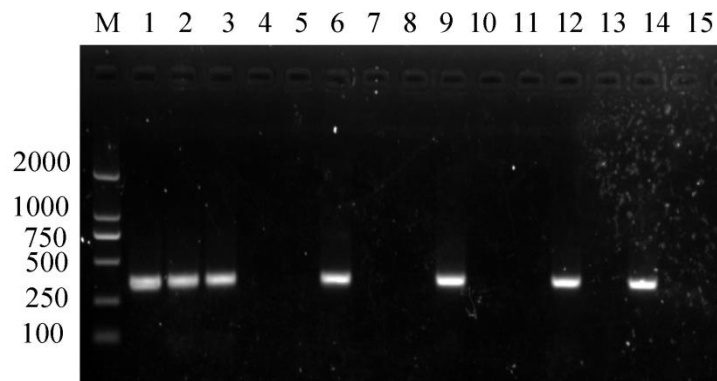


Supplement 1. The sequence information of reference strains used in this study

Strains	Sample	Source	Date	Country	Accession Nos.
NX1506-1	Liver and spleen	<i>Gallus gallus</i>	25.06.2015	China	KX708508
NX1506-2	Liver and spleen	<i>Gallus gallus</i>	26.06.2015	China	KX708509
NX1510	Liver and spleen	<i>Gallus gallus</i>	27.10.2015	China	KX708513
LN1511	Liver and spleen	<i>Gallus gallus</i>	27.11.2015	China	KX708515
JL1508	Liver and spleen	<i>Gallus gallus</i>	25.08.2015	China	KX708511
JX1602	Liver and spleen	<i>Gallus gallus</i>	22.02.2016	China	KX708519
CL33	Feces	<i>Homo sapiens</i>	2008	Chile	JQ308212
G13	Feces	<i>Mustela putorius furo</i>	2011	Hungary	KJ452214
S53-It	Serum	<i>Gallus gallus</i>	12.01.2014	Italy	KU168250
HLJ1506-2	Liver and spleen	<i>Gallus gallus</i>	23.06.2015	China	KX708522
GS1512	Liver and spleen	<i>Gallus gallus</i>	07.12.2015	China	KX708517
HLJ1510	Liver and spleen	<i>Gallus gallus</i>	20.10.2015	China	KX708507
915F06007FD	Healthy face skin	<i>Homo sapiens</i>	05.2009	France	FR823283
GZ1601	Liver and spleen	<i>Gallus gallus</i>	04.01.2016	China	KX708518
Ave3	Serum	<i>Gallus gallus</i>	14.07.2016	Brazil	HM590588
HE1511	Liver and spleen	<i>Gallus gallus</i>	20.11.2016	China	KX708514
HLJ1603-2	Liver and spleen	<i>Gallus gallus</i>	03.03.2016	China	KX708521
HLJ1603-1	Liver and spleen	<i>Gallus gallus</i>	03.03.2016	China	KX708520
HLJ1508	Liver and spleen	<i>Gallus gallus</i>	03.08.2016	China	KX708510
JL1511	Liver and spleen	<i>Gallus gallus</i>	27.11.2015	China	KX708516
HLJ1506-1	Liver and spleen	<i>Gallus gallus</i>	03.06.2016	China	KX708506
G17	Feces	<i>Mustela putorius furo</i>	2011	Hungary	KJ452213
RS-BR-15-2S	Feces	<i>Gallus gallus</i>	2015	Brazil	MG846492

RS-BR-2015	Feces	<i>Gallus gallus</i>	31.07.2015	Brazil	KY039279
JQ690763.1	Feces	<i>Homo sapiens</i>	2012	China	JQ690763



Supplement 2. Detection results of AGV2 in Farm B samples by electrophoresis. M: 2000 marker; 1–11: fecal samples, 12 and 13: liver tissue samples; 14: positive control; 15: negative control. The DNA template used in the positive control was the preserved and correctly sequenced AGV2 sample and that in the negative control was sterile water.