

Table S1. Primer sequences used for detection of viruses and *Chlamydia psittaci* in wild Amazon parrot from Brazil.

Pathogen	Gene region / Fragment size	Primer 5'-3' sequence	Reference
<i>Chlamydia psittaci</i>	23S ribosomal / 111bp	f- CTGAAACCAGTAGCTTATAAGC GT r- ACCTCGCCGTTAACTTAACCTC	[22]
	ompA / 418 bp	f- ACTACGGAGATTATGTTTTCGATCGTGT r- CGTGCACCYACGCTCCAAGA	[26]
PsHV-1	UL16/17 / 667 bp	f- TGCGTGGGGTTAACTCGGAAC r- CGACTACACGAGCCTAACATC	[23]
Avipoxvirus	4b / 576 bp	f- CAGCAGGTGCTAAACAACAA r- CGGTAGCTTAACGCCGAATA	[24]
Circovirus (BFDV)	VP1 / 717 bp	f- AACCTACAGACGGCGAG r- GTCACAGTCTCTTGTAAC	[25]

Table S2. *Chlamydia psittaci* strains and Genbank accession numbers used in the present study.

Strain	Host common name	Host scientific name	Origin	Genbank Accession number
01DC12	Pig	<i>Sus scrofa</i>	United Kingdom	HF545614
258	Parrot	-	China	KF611904
3759/2	Pigeon	<i>Columba livia</i>	Belgium	AY762611
41A12	Turkey	<i>Meleagris gallopavo</i>	Belgium	AY762609
6BC	Parrot	-	USA	NC_017287
7344/2	Pigeon	<i>Columba livia</i>	Belgium	AY762610
7778B15	Turkey	<i>Meleagris gallopavo</i>	Belgium	AY762612
84/55	Amazon parrot	<i>Amazona sp.</i>	USA	CP003790
8882_placenta	Horse	<i>Equus caballus</i>	Australia	NZ_PJQA00000000
90/1051	Amazon parrot	<i>Amazona sp.</i>	Belgium	AY762608
9945_foetus	Horse	<i>Equus caballus</i>	Australia	NZ_PJPY00000000
BH544	Blue fronted Amazon parrot	<i>Amazona aestiva</i>	Brazil	MH138296
Cal10	Human	<i>Homo sapiens</i>	USA	AEZD01000001
CB3	House sparrow	<i>Passer domesticus</i>	China	NZ_JMEI01000017
CB7	Vinous-throated Parrot-bill	<i>Paradoxornis webbiana</i>	China	NZ_JMBZ01000015
Cpsi/Mm/BR01	Monk parakeet	<i>Myiopsitta monachus</i>	Brazil	JQ926183
CR009	Crimson rosella	<i>Platycercus elegans</i>	Australia	NZ_LZRX00000000
DD34	Parrot	-	USA	AFVL01000002
Ful_127*	Fulmar bird	<i>Fulmarus glacialis</i>	Faroe Islands	CP033059
Fulmar#10*	Fulmar bird	<i>Fulmarus glacialis</i>	Faroe Islands	AM050561
GD	Duck	-	USA	AF269261
Kobe*	Human	<i>Homo sapiens</i>	Japan	AB468956
OSV	Amazon parrot	<i>Amazona sp</i>	Netherlands	DQ230095
PAPG0528	Red-fronted parrot	<i>Poicephalus gulielmi</i>	Taiwan	PAPG0528
Po_An	Human	<i>Homo sapiens</i>	Australia	NZ_LZRG00000000
Raptor5-KU213*	Asian barred owlet	<i>Glaucidium cuculoides</i>	Thailand	KP893667
Raptor5-KU215	Asian barred owlet	<i>Glaucidium cuculoides</i>	Thailand	KP893668
UGA	Cockatiel	<i>Nymphicus hollandicus</i>	USA	AWXQ01000002
WC	Bovine	<i>Bos Taurus</i>	Belgium	CP003796
WS/RT/E30	Duck	<i>Anas platyrhynchos</i>	Belgium	AY762613

*DNA sequences with high percent identity (99.25%) for the *Chlamydia psittaci* sequence detected in Brazil from a wild *Amazona brasiliensis* sample