

U/Pathogen	Strain/phenotype	Strain/phenotype	ID	Host	Country	amp & Gentamic	MLST	Reference
E. coli	reference strains	OE8-00405	pathogenic	USA	A	-	-	Sachdev et al., 2008
		U01	pathogenic	France	A	-	-	Sachdev et al., 2008
	Eid strains with typing data	84-0461	pathogenic	France	A	-	-	unpublished data
		84-0462	pathogenic	France	A	-	-	unpublished data
	Eid strains with typing data	84-0462	unknown	France	A	-	-	Sachdev et al., 2009
		84-0462	unknown	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	85-1171	parrot	France	A	-	-	Sachdev et al., 2009
		85-1208	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	86-0191	pathogenic	France	A	-	-	Sachdev et al., 2009
		86-0203	unknown	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	86-1455	parrot	France	A	-	-	Sachdev et al., 2009
		86-1338	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	87-1361	unknown	France	A	-	-	Sachdev et al., 2009
		88-2014	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	88-2558	parrot	France	A	-	-	Sachdev et al., 2009
		88-2621	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	88-2705	parrot	France	A	-	-	Sachdev et al., 2009
		88-2705	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	90-0475	parrot	France	A	-	-	Sachdev et al., 2009
		90-0485	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	90-1164	parrot	France	A	-	-	Sachdev et al., 2009
		90-12017	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	90-0802	pathogenic	France	A	-	-	unpublished data
		91-14273	pathogenic	France	A	-	-	unpublished data
	Eid strains with typing data	91-1589	pathogenic	France	A	-	-	unpublished data
		91-0047	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	91-1334	parrot	France	A	-	-	Sachdev et al., 2009
		91-0075	pathogenic	France	A	-	-	unpublished data
	Eid strains with typing data	91-0475	parrot	France	A	-	-	Sachdev et al., 2009
		96-1627	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	99-0332	parrot	France	A	-	-	Sachdev et al., 2009
		99-0923	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	99-0157	parrot	France	A	-	-	Sachdev et al., 2009
		99-0157	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	00-0016	pathogenic	France	A	-	-	unpublished data
		00-1276	pathogenic	France	A	-	-	unpublished data
	Eid strains with typing data	00-1268	pathogenic	France	A	-	-	unpublished data
		00-1750	pathogenic	France	A	-	-	unpublished data
	Eid strains with typing data	05-2949	burger	France	A	-	-	Sachdev et al., 2009
		05-4028	parrot	France	A	-	-	Sachdev et al., 2009
	Eid strains with typing data	09-0373	pathogenic	France	A	-	-	unpublished data
		09-0824	pathogenic	France	A	-	-	unpublished data
	Eid strains with typing data	CJ98	rabbit	Germany	A	-	-	this study
		010131	swine	Germany	A	-	-	this study
	Eid strains with typing data	030029	pathogenic	France	A	-	-	this study
		030035	cattle	Germany	A	-	-	this study
	Eid strains with typing data	040043	laboratory rat	France	A	-	-	this study
		040046	rat	Germany	A	-	-	this study
	Eid strains with typing data	86-1274	pathogenic	France	A	-	-	unpublished data
		86-1274	pathogenic	France	A	-	-	

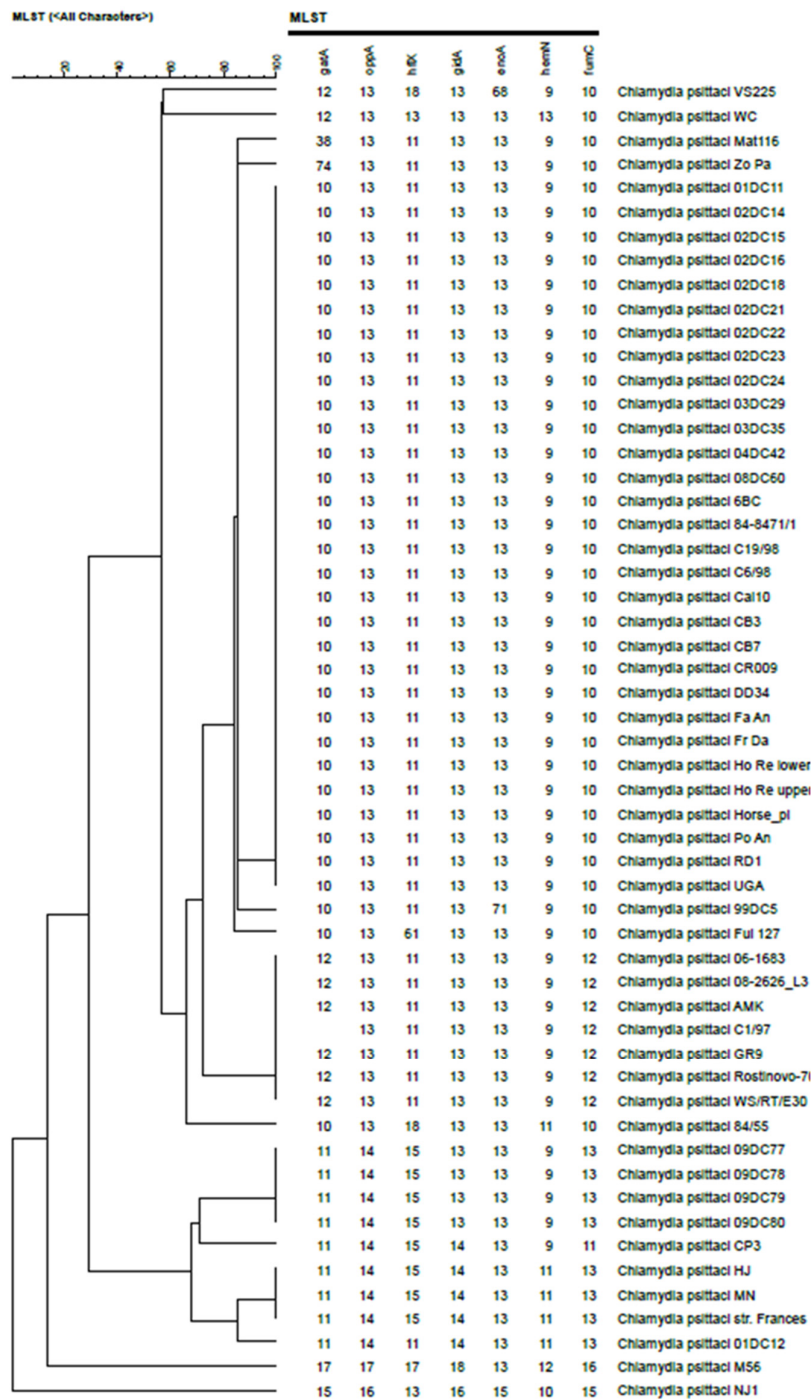
Supplementary Data 1. PCR-HRM clustering of reference strains, field strains and clinical samples from human and animal origin. Available genotype and/or MLST results are indicated.

Strain	Accession number
<i>Chlamydia psittaci</i> 01DC11	GCA_000415525.1
<i>Chlamydia psittaci</i> 01DC12	GCA_000317995.1
<i>Chlamydia psittaci</i> 02DC14	GCA_000417565.1
<i>Chlamydia psittaci</i> 02DC15	NC_019391.1
<i>Chlamydia psittaci</i> 02DC16	GCA_000415565.2
<i>Chlamydia psittaci</i> 02DC18	GCA_000415585.1
<i>Chlamydia psittaci</i> 02DC21	GCA_000415605.1
<i>Chlamydia psittaci</i> 02DC22	GCA_000415625.1
<i>Chlamydia psittaci</i> 02DC23	GCA_000415645.1
<i>Chlamydia psittaci</i> 02DC24	GCA_000417585.1
<i>Chlamydia psittaci</i> 03DC29	GCA_000415665.1
<i>Chlamydia psittaci</i> 03DC35	GCA_000415825.1
<i>Chlamydia psittaci</i> 04DC42	GCA_000415685.2
<i>Chlamydia psittaci</i> 06-1683	GCA_000415845.1
<i>Chlamydia psittaci</i> 08-2626 L3	GCA_000417825.1
<i>Chlamydia psittaci</i> 08DC60	NC_017290.1
<i>Chlamydia psittaci</i> 09DC77	GCA_000415725.1
<i>Chlamydia psittaci</i> 09DC78	GCA_000415745.1
<i>Chlamydia psittaci</i> 09DC79	GCA_000417605.1
<i>Chlamydia psittaci</i> 09DC80	GCA_000415765.1
<i>chlamydia psittaci</i> 6BC	NC_017287.1
<i>Chlamydia psittaci</i> 84/55	CP003790.1
<i>Chlamydia psittaci</i> 84-8471/1	GCA_000417845.2
<i>Chlamydia psittaci</i> 99DC5	GCA_000415785.1
<i>Chlamydia psittaci</i> AMK	CP047319
<i>Chlamydia psittaci</i> C1/97	GCA_000417655.1
<i>Chlamydia psittaci</i> C19/98	NC_017291.1
<i>Chlamydia psittaci</i> C6/98	GCA_000417675.1
<i>Chlamydia psittaci</i> Cal10	GCA_000204175.2
<i>Chlamydia psittaci</i> CB3	GCA_000687415.1
<i>Chlamydia psittaci</i> CB7	GCA_000687395.1
<i>Chlamydia psittaci</i> CP3	CP003797.1
<i>Chlamydia psittaci</i> CR009	GCA_001714575.1
<i>Chlamydia psittaci</i> DD34	GCA_001401465.1
<i>Chlamydia psittaci</i> Fa An	GCA_001714595.1
<i>Chlamydia psittaci</i> Fr Da	GCA_001714565.1
<i>Chlamydia psittaci</i> Ful 127	NZ_CP033059.1
<i>Chlamydia psittaci</i> GR9	NC_018620.1
<i>Chlamydia psittaci</i> HJ	GCA_000786005.2
<i>Chlamydia psittaci</i> Ho Re lower	GCA_001735985.1
<i>Chlamydia psittaci</i> Ho Re upper	GCA_001736055.1
<i>Chlamydia psittaci</i> Horse pl	CP025423
<i>Chlamydia psittaci</i> M56	NC_018623.1
<i>Chlamydia psittaci</i> Mat116	CP002744.1
<i>Chlamydia psittaci</i> MN	NC_018627.1
<i>Chlamydia psittaci</i> NJ1	NC_018626.1
<i>Chlamydia psittaci</i> Po An	GCA_001736045.1
<i>Chlamydia psittaci</i> RD1	FQ482149.1
<i>Chlamydia psittaci</i> Rostinovo-70	CP041038
<i>Chlamydia psittaci</i> str. Frances	GCA_001401485.1
<i>Chlamydia psittaci</i> UGA	GCA_001563055.1
<i>Chlamydia psittaci</i> VS225	CP003793.1
<i>Chlamydia psittaci</i> WC	NC_018624.1
<i>Chlamydia psittaci</i> WS/RT/E30	NC_018622.1
<i>Chlamydia psittaci</i> Zo Pa	GCA_001714585.1

Supplementary Data 2. NCBI accession numbers of the 55 *C. psittaci* strains used in this study.

SNP No.	Associated Group	SNP for each group								Allele of the respective subtype	Tm values (°C)	Allele of the other subtypes	Tm values (°C)
		Group I (Psittacin e)	Group II (Duck)	Group III (Pigeon)	Group IV (Turkey)	Group V (M56)	Group VI (Mat116)	Group VII (VS225)	Group VIII (WC)				
1	Group I_Psittacine	T	C	C	C	C	C	C	C	T	76,36 ± 0,01	C	76,65 ± 0,02
2	Group II_Duck	T	C	T	T	T	T	T	T	C	76,30 ± 0,07	T	75,79 ± 0,09
3	Group III_Pigeon	A	A	G	A	A	A	A	A	G	76,11 ± 0,03	A	75,50 ± 0,04
4	Group IV_Turkey	C	C	C	T	C	C	C	C	T	75,19 ± 0,09	C	75,82 ± 0,11
5	Group V_M56	C	C	C	C	T	C	C	C	T	74,83 ± 0,12	C	75,29 ± 0,12
6	Group VI_Mat116	T	T	T	T	T	C	T	T	C	76,16 ± 0,13	T	75,58 ± 0,09
7	Group VII_VS225	A	A	A	A	A	A	G	A	G	76,298 ± 0,10	A	75,358 ± 0,09
8	Group VIII_WC	G	G	G	G	G	G	G	A	A	76,29 ± 0,07	G	77,12 ± 0,07

Supplementary Data 3. Melting temperature (Tm) values for each SNP. Values were determined for the respective controls tested 6 times.



Supplementary Data 4. MLST-based tree determined from ST of the 55 *C. psittaci* strains used for the SNP determination. The tree was built using BioNumerics software with the parameter “categorical values” to calculate the similarity matrix and UPGMA to reconstruct the tree.