

Supplementary Material

Table S1. Species of *Sarcocystis* validated in various corvid birds using ITS1 or *cox1*

		IH=Aves										IH=Carnivora		IH=Cervidae			
	Isolate	<i>S. calchasi</i>	<i>S. columbae</i>	<i>S. cornixi</i>	<i>S. corvusi</i>	<i>S. fulicae</i>	<i>S. halioti</i>	<i>S. kutkienae</i>	<i>S. lari</i>	<i>S. turdusi</i>	<i>S. wobeseri</i>	<i>S. arctica</i>	<i>S. lutrae</i>	<i>S. frondea</i>	<i>S. hardangeri</i>	<i>S. ovalis</i>	<i>S. oviformis</i>
Common raven	CcLT2			OK481186			OK481202				OK481321						
	CcLT3						OK481203		OK481295			OK481372					
	CcLT4						OK481204			OK481308	OK481322						
	CcLT6										OK481323						
	CcLT10						OK481205					OK481373					OK481379
	CcLT12		OK481182				OK481206		OK481296		OK481324						OK481380
	CcLT15						OK481207	OK481250									
	CcLT16						OK481208										
	CcLT17						OK481209				OK481325		OK481377				
	CcLT18							OK481251			OK481326						
	CcLT19						OK481210	OK481252			OK481327						
	CcLT20							OK481253	OK481297								
	CcLT21			OK481187			OK481211	OK481254		OK481309	OK481328						
	CcLT22			OK481188			OK481212		OK481298		OK481329						
	CcLT23		OK481183				OK481213				OK481330						
	CcLT24			OK481189													
	CcLT25						OK481214			OK481310							
	CcLT26						OK481215	OK481255									
	CcLT27			OK481190													
	CcLT28							OK481256			OK481331						
	CcLT29						OK481216	OK481257		OK481311							

	CcLT30							OK48125 8									OK481381
	CcLT31			OK481191			OK48121 7	OK48125 9			OK48133 2						
	CcLT32						OK48121 8	OK48126 0									
	CcLT33						OK48121 9										
Hooded crow	CcLT1v						OK48122 0	OK48126 1			OK48133 3	OK48137 4					
	CcLT2v			OK481192			OK48122 1	OK48126 2			OK48133 4						
	CcLT3v			OK481193			OK48122 2			OK48131 2	OK48133 5	OK48137 5					
	CcLT4v										OK48133 6						
	CcLT5v						OK48122 3	OK48126 3			OK48133 7						
	CcLT6v							OK48126 4			OK48133 8						
	CcLT7v						OK48122 4	OK48126 5			OK48133 9	OK48137 6					
	CcLT8v							OK48126 6			OK48134 0						
	CcLT9v						OK48122 5	OK48126 7			OK48134 1						
	CcLT10 v																
	CcLT11 v						OK48122 6	OK48126 8			OK48134 2						
	CcLT12 v							OK48126 9			OK48134 3						
	CcLT13 v						OK48122 7	OK48127 0			OK48134 4						
	CcLT15 v		OK481184				OK48122 8	OK48127 1	OK48129 9		OK48134 5					OK48137 8	OK481382
	CcLT16 v						OK48122 9	OK48127 2		OK48131 3	OK48134 6						
	CcLT18 v		OK481185				OK48123 0	OK48127 3	OK48130 0		OK48134 7						
	CcLT19 v						OK48123 1				OK48134 8						
	CcLT20 v						OK48123 2	OK48127 4			OK48134 9						

[illegible]

Table S2. *Sarcocystis* species and GenBank accession numbers of sequences used in comparison analysis (Table 3). Sequences obtained in the present study are in boldface.

Species	GenBank acc. no.
<i>S. arctica</i>	KF601306-KF601311, KX022108-KX022111, KX156837, KY947310-KY947311, MF596262-MF596282, OK481372-OK481376
<i>S. calchasi</i>	FJ232948, KC733715-KC733718, KT945021-KT945022
<i>S. canis</i>	MW136927
<i>S. columbae</i>	GU253885, HM125052, MN450338-MN450339, OK481182-OK481185
<i>S. cornixi</i>	JF520781, JN256120, MZ707150, OK481186-OK481201
<i>S. corvusi</i>	JN256119
<i>S. felis</i>	AY190082, MN508375-MN508379
<i>S. halioti</i>	MF946589-MF946596, MH130209, MN450340-MN450356, MW929599-MW929600, MZ707148-MZ707149, OK481202-OK481249
<i>S. hardangeri</i>	KC209625-KC209633
<i>S. jamaicensis</i>	KY994651
<i>S. kutkienae</i>	MT495389-MT495406, MZ707128-MZ707147, OK481250-OK481294
<i>S. lari</i>	JQ733510, MF946597-MF946609, MN450357-MN450364, OK481295-OK481307
<i>S. lutrae</i>	KM657773-KM657805, MF596261, MG272296-MG272305, MG372108-MG372109, MT036253, OK481377
<i>S. ovalis</i>	KC209644-KC209655, KF241355-KF241382, LC481034-LC481035, MF596210-MF596211, MK234168, OK481378
<i>S. oviformis</i>	KC209656-KC209661, KF898107-KF898109, MN339334-MN339338, MT242372, OK481379-OK481382
<i>S. turdusi</i>	JF975683-JF975685, KJ540164-KJ540167, KT588510, OK481308-OK481320
<i>S. wobeseri</i>	GU475111-GU475112, HM159421, JN256121, MN450365-MN450373, OK481321-OK481371