

1 **Supplementary information**

2 **Table S1.** Distribution of the *bla<sub>ROB-1</sub>* gene and *bla<sub>ROB-1</sub>* encoding plasmid in *H.*

3 *parausis* clinical strains isolated from Glässer's disease lesions.

<i>H. parausis</i> clinical isolate	Lesion	<i>rob-1</i> presence	<i>rob-1</i> containing plasmid size (Kb)	Country of isolation
ER-6P	Pericarditis	-	-	Spain
9904108	Unknown	-	-	Denmark
2725	Arthritis	-	-	Germany
PC4-6P	Peritonitis	-	-	Spain
PV1-12	Pleuritis	-	-	Spain
228/04	Pneumonia	-	-	Spain
373/03A	Pericarditis	-	-	Spain
IT29205	Unknown	-	-	Italy
P015/96	Pneumonia	-	-	Argentina
264/99	Arthritis	-	-	Spain
Nagasaki	Meningitis	-	-	Japan
61/03	Pneumonia	-	-	Spain
Ba9/09-6	Arthritis	-	-	Spain
112/02	Pericarditis	-	-	Spain
167/03	Pneumonia	-	-	Spain
P555/04	Pericarditis	-	-	Argentina
PO114	Pericarditis	-	-	Poland
2620	Pleuritis	-	-	Germany
CT175-L	Pneumonia	-	-	Spain
PG1-2M	Meningitis	-	-	Portugal
PG1-3M	Meningitis	-	-	Portugal
7204122	Arthritis	-	-	Denmark
7204226	Unknown	-	-	Denmark
9904574	Unknown	-	-	Denmark

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5 **Table S2.** Minimal inhibitory concentration (MIC) of 14 antimicrobials against 16 *H. parasuis* isolates.

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Strain	MIC (µg/ml) <sup>a</sup>													
	SMX	GEN	CIP	AMP	CTX	CAZ	TET	STR	TMP	CHL	CST	FFN	KAN	NAL
A3.1	1024	1	0.12	>32	0.12	≤0.25	≤1	32	8	≤2	≤2	≤2	≤4	≤4
D4.1	256	2	≤0.008	>32	≤0.06	≤0.25	≤1	8	8	≤2	≤2	≤2	≤4	≤4
D4.3	≤8	2	0.12	16	≤0.06	≤0.25	≤1	16	4	≤2	≤2	≤2	≤4	32
F4.1	512	16	0.03	>32	≤0.06	≤0.25	≤1	16	>32	≤2	≤2	≤2	≤4	32
F9	64	4	0.12	>32	≤0.06	≤0.25	16	>128	>32	≤2	≤2	≤2	>128	8
MU21-2	256	2	1	32	≤0.06	2	≤1	16	16	≤2	4	≤2	≤4	≤4
V56-2	256	4	0.015	32	≤0.06	0.5	≤1	16	16	≤2	4	≤2	≤4	≤4
SC14-1	1024	2	0.03	>32	≤0.06	≤0.25	16	64	4	≤2	≤2	≤2	>128	32
416-1	32	0.5	≤0.008	>32	≤0.06	≤0.25	≤1	1	4	≤2	≤2	≤2	≤4	≤4
MU25-5	256	32	0.015	32	≤0.06	≤0.25	≤1	8	16	≤2	≤2	≤2	≤4	≤4
NU5-3	512	2	0.25	>32	≤0.06	≤0.25	≤1	8	8	≤2	≤2	≤2	≤4	64
CD7-3	512	4	0.12	>32	≤0.06	1	≤1	16	>32	≤2	≤2	≤2	8	32
CD9-1	1024	4	0.12	>32	≤0.06	≤0.25	≤1	16	>32	≤2	≤2	≤2	8	32
PM5-4	128	2	0.06	>32	≤0.06	≤0.25	8	>128	>32	≤2	≤2	≤2	≤4	32
BB1033 (Amp <sup>S</sup> )	1024	≤0.25	0.25	1	0.25	2	2	64	32	≤2	≤2	≤2	8	32
BB1023 (Amp <sup>R</sup> )	≤8	8	≤0.008	>32	≤0.06	≤0.25	32	32	>32	≤2	≤2	≤2	16	8

7 <sup>a</sup>SMX, sulfamethoxazole; GEN, gentamicin; CIP, ciprofloxacin; AMP, ampicillin; CTX, cefotaxime; CAZ, ceftazidime; TET, tetracycline, STR,

8 streptomycin; TMP, trimethoprim; CHL, chloramphenicol; CST, colistin; FFN, florfenicol; KAN, kanamycin; NAL, nalidixic Acid