

Supplementary table 1																
ID	Country of origin	Sample type*	Isolation year	Farm/Province**	CCU/ml***	Tiamulin	Tylosin	Tilmicosin	Tyvalosin	Tulathromycin	Lincomycin	Doxycycline	Oxytetracycline	Florfenicol	Enrofloxacin	
Mycoplasma hyosynoviae reference strain	USA	joint	1970		10 ⁷	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.5	0.25	0.312	
Au 1	Austria	joint	2021	Ybbsitz	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	16	≤0.25	0.156	0.5	0.5	1.25	
Au 2	Austria	joint	2022	Weikersfeld	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	32	≤0.25	0.156	1	1	0.156	
Au 3	Austria	joint	2020	Thausletten I	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	0.156	1	1	0.312	
Au 4	Austria	joint	2021	Sankt Martin an der Raab	10 ⁹	≤0.039	≤0.25	0.5	≤0.039	8	≤0.25	0.078	0.25	2	0.156	
Au 5	Austria	joint	2020	Spießfeld	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.25	2	0.156	
Au 6	Austria	joint	2020	Pettenbach	10 ⁹	≤0.039	1	2	≤0.039	>64	≤0.25	0.156	1	1	0.312	
Au 7	Austria	joint	2020	Großrußbach	10 ⁶	≤0.039	0.5	≤0.25	≤0.039	8	≤0.25	0.156	0.5	1	0.625	
Au 8	Austria	joint	2019	Lebnitz	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	16	≤0.25	0.312	1	1	0.312	
Au 9	Austria	joint	2020	Althausberg	10 ⁶	≤0.039	≤0.25	0.5	≤0.039	8	≤0.25	0.156	0.5	2	0.156	
Au 10	Austria	nasal cavity	2022	Haag	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.5	2	0.156	
Au 11	Austria	joint	2020	Buchkirchen	10 ¹⁰	≤0.039	≤0.25	0.5	≤0.039	8	≤0.25	0.156	0.5	1	0.312	
Au 12	Austria	joint	2020	Thausletten II	10 ⁹	≤0.039	≤0.25	0.5	≤0.039	8	≤0.25	0.156	1	1	0.312	
Au 13	Austria	joint	2019	Eberstadel	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	0.156	1	1	0.312	
Au 14	Austria	nasal cavity	2021	Sankt Nikolaus an der Donau	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.5	0.5	0.312	
Au 15	Austria	nasal cavity	2021	Puch bei Weiz	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	2	≤0.25	0.156	0.5	0.5	0.156	
Au 16	Austria	nasal cavity	2022	Piberbach	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.25	1	0.312	
Au 17	Austria	nasal cavity	2022	kt Marienkirchen an der Poi	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.312	2	2	0.312	
Au 18	Austria	joint	2022	Wettmannstätten	10 ¹⁰	≤0.039	≤0.25	≤0.25	≤0.039	16	≤0.25	0.156	0.5	0.5	0.312	
Au 19	Austria	nasal cavity	2022	Euratsfeld	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	≤0.039	≤0.125	1	0.312	
Au 20	Austria	nasal cavity	2021	Lainisch	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	0.312	2	0.5	0.625	
Bi 1	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	16	≤0.25	0.156	1	1	0.156	
Bi 2	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.156	1	1	0.156	
Bi 3	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.156	0.5	1	0.156	
Bi 4	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.078	0.5	1	0.156	
Bi 5	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	0.312	2	1	0.625	
Bi 6	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.156	1	1	0.156	
Bi 7	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	1	≤0.25	≤0.039	0.25	0.5	0.625	
Bi 8	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.078	0.25	1	0.156	
Bi 9	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.078	0.5	1	0.625	
Bi 10	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.156	1	1	0.312	
Bi 11	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	2	≤0.25	0.078	0.5	0.5	0.312	
Bi 12	Belgium	tonail	2023	no data	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.5	0.5	0.312	
Bi 13	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	1	≤0.25	0.312	2	1	0.312	
Bi 14	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	1	≤0.25	0.312	2	1	0.312	
Bi 15	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	1	≤0.25	0.312	1	1	0.312	
Bi 16	Belgium	tonail	2023	no data	10 ¹⁰	≤0.039	≤0.25	≤0.25	≤0.039	1	≤0.25	0.078	0.5	0.25	0.312	
Bi 17	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	0.156	1	2	0.312	
Bi 18	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	0.156	0.5	2	0.312	
Bi 19	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	32	≤0.25	0.312	2	2	0.156	
Bi 20	Belgium	tonail	2023	no data	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	≤0.039	≤0.125	2	0.312	
Ge 1	Germany	joint	2020	Neustadt am Rübenberge	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	32	≤0.25	0.312	1	1	0.312	
Ge 2	Germany	blood	2020	Handrup	10 ⁹	≤0.039	0.5	1	≤0.039	64	≤0.25	0.312	1	1	0.312	
Ge 3	Germany	joint	2022	Einke	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	64	0.5	0.312	2	1	0.625	
Ge 4	Germany	blood	2022	Donauwörth	10 ¹⁰	≤0.039	≤0.25	≤0.25	≤0.039	32	≤0.25	0.156	1	1	0.312	
Ge 5	Germany	not specified	2020	Borgholzhausen	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	64	≤0.25	0.156	1	1	0.312	
Ge 6	Germany	joint	2020	Lüggenhain	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.156	0.25	1	0.312	
Ge 7	Germany	joint	2020	Barnsdorf	10 ¹⁰	≤0.039	≤0.25	≤0.25	≤0.039	0.5	≤0.25	0.625	2	0.5	0.312	
Ge 8	Germany	joint	2021	Titting	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.156	≤0.125	1	0.312	
Ge 9	Germany	joint	2023	Cappeln	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	0.5	≤0.039	≤0.125	1	0.625	
Ge 10	Germany	joint	2021	Langwedel	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.039	0.125	0.5	0.312	
Ge 11	Germany	blood	2022	Meringingen	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.312	1	0.5	0.312	
Ge 12	Germany	blood	2020	Finstauzen	10 ⁹	≤0.039	2	2	≤0.039	64	≤0.25	0.078	0.25	0.625	0.625	
Ge 13	Germany	joint	2020	Döttingen	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	2	≤0.25	0.039	1	0.25	0.312	
Ge 14	Germany	not specified	2021	Essen	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	32	≤0.25	0.156	0.5	0.25	0.312	
Ge 15	Germany	joint	2020	Warendorf I	10 ⁶	≤0.039	0.5	1	≤0.039	0.25	≤0.25	≤0.039	≤0.125	1	0.625	
Ge 16	Germany	joint	2020	Warendorf II	10 ¹⁰	≤0.039	≤0.25	≤0.25	≤0.039	1	≤0.25	0.039	0.25	1	0.625	
Ge 17	Germany	joint	2022	Steinfeld	10 ⁹	≤0.039	≤0.25	1	≤0.039	4	≤0.25	0.039	0.5	1	0.625	
Ge 18	Germany	joint	2022	Glandorf	10 ⁹	≤0.039	0.25	1	≤0.039	4	≤0.25	0.078	0.25	0.5	0.156	
Ge 19	Germany	joint	2022	Weilfenstadt	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	≤0.039	1	1	0.312	
Ge 20	Germany	joint	2022	Beckum	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	0.5	≤0.25	≤0.039	≤0.125	1	0.625	
Ge 21	Germany	not specified	2019	Bissendorf	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.156	0.5	0.5	0.625	
Ge 22	Germany	not specified	2019	Marzen	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.5	1	0.625	
Ge 23	Germany	joint	2019	Lossa	10 ⁷	≤0.039	≤0.25	≤0.25	≤0.039	1	≤0.25	0.039	0.25	2	0.625	
Ge 24	Germany	joint	2019	Wenngissen	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	8	≤0.25	0.078	0.5	0.5	0.312	
Ge 25	Germany	lung	2019	Waldrode	10 ⁹	≤0.039	4	16	0.078	1	1	0.156	1	4	0.312	
Hu 1	Hungary	joint	2018	Bécsalmás	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	≤0.039	≤0.125	0.25	0.156	
Hu 2	Hungary	joint	2019	Gerde	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	≤0.039	≤0.125	0.5	0.156	
Hu 3	Hungary	joint	2020	Füle	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	0.078	0.25	0.5	0.156	
Hu 4	Hungary	joint	2020	Cegléd	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	2	≤0.25	≤0.039	≤0.125	1	0.078	
Hu 5	Hungary	lung	2021	Páztó	10 ⁶	≤0.039	≤0.25	0.25	≤0.039	2	≤0.25	0.039	0.25	0.5	0.312	
Hu 6	Hungary	joint	2022	Hódmezővásárhely farm I	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	16	≤0.25	≤0.039	2	1	0.039	
Hu 7	Hungary	joint	2022	Hódmezővásárhely farm II	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	16	≤0.25	0.625	2	0.5	0.156	
Hu 8	Hungary	tonail	2023	Kősigetfalva	10 ⁹	≤0.039	1	2	≤0.039	64	≤0.25	0.156	0.5	1	0.078	
Hu 9	Hungary	tonail	2023	Hódmezővásárhely farm III	10 ⁹	≤0.039	≤0.25	≤0.25	≤0.039	2	≤0.25	≤0.039	≤0.125	1	0.078	
Hu 10	Hungary	tonail	2023	Kunszentmárton	10 ¹⁰	≤0.039	≤0.25	≤0.25	≤0.039	4	≤0.25	≤0.039	≤0.125	1	0.078	
Hu 11	Hungary	tonail	2023	Csemő	10 ⁶	≤0.039	≤0.25	≤0.25	≤0.039	>64	≤0.25	≤0.039	2	1	0.312	
Hu 12	Hungary	tonail	2023	Komlómon	10 ⁹	≤0.039	1	2	≤0.039	32	≤0.25	0.312	1	1	0.312	
Hu 13	Hungary	tonail	2023	Bábolna	10 ⁶	≤0.039	≤0.25	1	≤0.039	8	≤0.25	0.156	0.5	1	0.078	
Hu 14	Hungary	tonail	2023	Ács	10 ⁹	≤0.039	0.25	1	≤0.039	8	≤0.25	0.078	0.5	1	0.078	
Hu 15	Hungary	tonail	2023	Nyárad	10 ⁹	≤0.039	≤0.25	≤0.2								