

Supplementary materials

Exploring the ambiguous status of coagulase-negative staphylococci in the biosafety of fermented meats: the case of antibacterial activity *versus* biogenic amine formation

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Table S1. Overview of the staphylococcal library used in this study.

ID	Species	Origin	Identification gene(s)	% of identity	Accession number
IMDO-S1	<i>S. epidermidis</i>	Teat apex skin			
IMDO-S2	<i>S. arlettae</i>	Teat apex skin			
IMDO-S3	<i>S. auricularis</i>	Teat apex skin			
IMDO-S4	<i>S. saprophyticus</i>	Fermented meat			
IMDO-S5	<i>S. carnosus</i>	Fermented meat			
IMDO-S6	<i>S. carnosus</i>	Fermented meat			
IMDO-S7	<i>S. carnosus</i>	Fermented meat			
IMDO-S8	<i>S. carnosus</i>	Starter culture			
IMDO-S9	<i>S. carnosus</i>	Starter culture			
IMDO-S10	<i>S. carnosus</i>	Starter culture	<i>rpob, tuf</i>	100	CP016760.1
IMDO-S11	<i>S. carnosus</i>	Starter culture			
IMDO-S12	<i>S. carnosus</i>	Starter culture			
IMDO-S13	<i>S. carnosus</i>	Starter culture			
IMDO-S14	<i>S. carnosus</i>	Fermented meat	<i>rpob, tuf</i>	100	CP016760.1
IMDO-S15	<i>S. carnosus</i>	Starter culture			
IMDO-S16	<i>S. carnosus</i>	Fermented meat			
IMDO-S17	<i>S. epidermidis</i>	Teat apex skin			
IMDO-S18	<i>S. arlettae</i>	Teat apex skin			
IMDO-S19	<i>S. cohnii</i>	Milk			
IMDO-S20	<i>S. cohnii</i>	Teat apex skin			
IMDO-S21	<i>S. cohnii</i>	Teat apex skin			
IMDO-S22	<i>Staphylococcus</i> sp.	Teat apex skin			
IMDO-S23	<i>Staphylococcus</i> sp.	Teat apex skin			

IMDO-S24	<i>Staphylococcus</i> sp.	Teat apex skin
IMDO-S25	<i>S. epidermidis</i>	Fermented meat
IMDO-S26	<i>S. epidermidis</i>	Unknown
IMDO-S27	<i>S. epidermidis</i>	Teat apex skin
IMDO-S28	<i>S. epidermidis</i>	Teat apex skin
IMDO-S29	<i>S. epidermidis</i>	Teat apex skin
IMDO-S30	<i>S. epidermidis</i>	Fermented meat
IMDO-S31	<i>S. equorum</i>	Milk
IMDO-S32	<i>S. equorum</i>	Teat apex skin
IMDO-S33	<i>S. equorum</i>	Fermented meat
IMDO-S34	<i>S. saprophyticus</i>	Fermented meat
IMDO-S35	<i>S. equorum</i>	Fermented meat
IMDO-S36	<i>S. equorum</i>	Fermented meat
IMDO-S37	<i>S. saprophyticus</i>	Fermented meat
IMDO-S38	<i>S. equorum</i>	Fermented meat
IMDO-S39	<i>S. equorum</i>	Fermented meat
IMDO-S40	<i>S. saprophyticus</i>	Fermented meat
IMDO-S41	<i>S. equorum</i>	Fermented meat
IMDO-S42	<i>S. equorum</i>	Fermented meat
IMDO-S43	<i>S. equorum</i>	Fermented meat
IMDO-S44	<i>S. equorum</i>	Fermented meat
IMDO-S45	<i>S. equorum</i>	Fermented meat
IMDO-S46	<i>S. carnosus</i>	Fermented meat
IMDO-S47	<i>S. fleuretti</i>	Milk
IMDO-S48	<i>S. carnosus</i>	Fermented meat
IMDO-S49	<i>S. haemolyticus</i>	Teat apex skin
IMDO-S50	<i>S. epidermidis</i>	Teat apex skin
IMDO-S51	<i>S. haemolyticus</i>	Fermented meat
IMDO-S52	<i>S. carnosus</i>	Fermented meat
IMDO-S53	<i>S. hominis</i>	Unknown
IMDO-S54	<i>S. saprophyticus</i>	Fermented meat
IMDO-S55	<i>S. pasteurii</i>	Fermented meat
IMDO-S56	<i>S. pasteurii</i>	Fermented meat
IMDO-S57	<i>S. pasteurii</i>	Fermented meat
IMDO-S58	<i>S. saprophyticus</i>	Milk
IMDO-S59	<i>S. saprophyticus</i>	Fermented meat
IMDO-S60	<i>S. carnosus</i>	Fermented meat
IMDO-S61	<i>S. saprophyticus</i>	Fermented meat
IMDO-S62	<i>S. saprophyticus</i>	Teat apex skin
IMDO-S63	<i>S. saprophyticus</i>	Teat apex skin
IMDO-S64	<i>S. saprophyticus</i>	Teat apex skin
IMDO-S65	<i>S. saprophyticus</i>	Fermented meat
IMDO-S66	<i>S. simulans</i>	Unknown
IMDO-S67	<i>S. succinus</i>	Fermented meat
IMDO-S68	<i>S. succinus</i>	Fermented meat

IMDO-S69	<i>S. succinus</i>	Fermented meat			
IMDO-S70	<i>S. sciuri</i>	Teat apex skin			
IMDO-S71	<i>S. cohnii</i>	Teat apex skin			
IMDO-S72	<i>S. sciuri</i>	Fermented meat			
IMDO-S73	<i>S. saprophyticus</i>	Milk			
IMDO-S74	<i>S. warneri</i>	Milk			
IMDO-S75	<i>S. equorum</i>	Teat apex skin	<i>rpob, tuf</i>	100	CP013980.1
IMDO-S76	<i>S. xylosus</i>	Starter culture			
IMDO-S77	<i>S. xylosus</i>	Milk			
IMDO-S78	<i>S. xylosus</i>	Milk			
IMDO-S79	<i>S. xylosus</i>	Fermented meat			
IMDO-S80	<i>S. xylosus</i>	Fermented meat			
IMDO-S81	<i>S. xylosus</i>	Fermented meat			
IMDO-S82	<i>S. xylosus</i>	Fermented meat			
IMDO-S83	<i>S. xylosus</i>	Teat apex skin			
IMDO-S84	<i>S. xylosus</i>	Teat apex skin			
IMDO-S85	<i>S. xylosus</i>	Fermented meat			
IMDO-S86	<i>S. xylosus</i>	Fermented meat			
IMDO-S87	<i>S. xylosus</i>	Fermented meat			
IMDO-S88	<i>S. xylosus</i>	Starter culture			
IMDO-S89	<i>S. succinus</i>	Unknown			
IMDO-S90	<i>S. warneri</i>	Fermented meat			
IMDO-S91	<i>S. saprophyticus</i>	Fermented meat			
IMDO-S92	<i>S. lugdunensis</i>	Fermented meat			
IMDO-S93	<i>S. epidermidis</i>	Fermented meat			
IMDO-S94	<i>S. epidermidis</i>	Fermented meat			
IMDO-S95	<i>S. simulans</i>	Fermented meat	<i>rpob, tuf</i>	100	CP015642.1
IMDO-S96	<i>S. pasteurii</i>	Fermented meat			
IMDO-S97	<i>S. aureus</i>	Fermented meat			
IMDO-S98	<i>S. epidermidis</i>	Fermented meat			
IMDO-S99	<i>S. epidermidis</i>	Fermented meat			
IMDO-S100	<i>S. aureus</i>	Fermented meat	<i>rpob, tuf</i>	100	CP035005.1
IMDO-S101	<i>S. epidermidis</i>	Fermented meat			
IMDO-S102	<i>S. xylosus</i>	Fermented meat			
IMDO-S103	<i>S. xylosus</i>	Fermented meat			
IMDO-S104	<i>S. xylosus</i>	Fermented meat			
IMDO-S105	<i>S. xylosus</i>	Fermented meat			
IMDO-S106	<i>S. xylosus</i>	Fermented meat			
IMDO-S107	<i>S. epidermidis</i>	Contamination			
IMDO-S108	<i>S. equorum</i>	Contamination			
IMDO-S109	<i>S. xylosus</i>	Contamination			
IMDO-S110	<i>S. equorum</i>	Contamination			
IMDO-S111	<i>S. xylosus</i>	Contamination			
IMDO-S112	<i>S. warneri</i>	Contamination			
IMDO-S113	<i>S. warneri</i>	Contamination			

IMDO-S114	<i>S. saprophyticus</i>	Raw pork meat			
IMDO-S115	<i>S. saprophyticus</i>	Raw pork meat			
IMDO-S116	<i>S. equorum</i>	Raw pork meat			
IMDO-S117	<i>S. saprophyticus</i>	Raw pork meat			
IMDO-S118	<i>S. equorum</i>	Raw pork meat			
IMDO-S119	<i>S. equorum</i>	Raw pork meat	<i>rpob, tuf</i>	100	CP013714.1
IMDO-S120	<i>S. aureus</i>	Raw pork meat	<i>rpob</i>	100	CP018100.1
IMDO-S121	<i>S. xylosus</i>	Raw pork meat			
IMDO-S122	<i>S. equorum</i>	Raw pork meat	<i>rpob, tuf</i>	99	CP013714.1
IMDO-S123	<i>S. xylosus</i>	Fermented meat	<i>rpoB</i>	99	CP008724.1
IMDO-S124	<i>S. aureus</i>	Fermented meat	<i>rpob, tuf</i>	100	CP035005.1
IMDO-S125	<i>S. xylosus</i>	Fermented meat	<i>rpob, tuf</i>	99	CP008724.1
IMDO-S126	<i>S. aureus</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S127	<i>S. aureus</i>	Fermented meat	<i>rpob, tuf</i>	100	CP035005.1
IMDO-S128	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	100	CP008724.1
IMDO-S129	<i>S. xylosus</i>	Fermented meat			
IMDO-S130	<i>S. xylosus</i>	Fermented meat			
IMDO-S131	<i>S. equorum</i>	Fermented meat			
IMDO-S132	<i>S. xylosus</i>	Fermented meat			
IMDO-S133	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S134	<i>S. xylosus</i>	Fermented meat			
IMDO-S135	<i>S. xylosus</i>	Fermented meat			
IMDO-S136	<i>S. equorum</i>	Fermented meat			
IMDO-S137	<i>S. xylosus</i>	Fermented meat			
IMDO-S138	<i>S. equorum</i>	Raw pork meat			
IMDO-S139	<i>S. epidermidis</i>	Raw pork meat			
IMDO-S140	<i>S. equorum</i>	Raw pork meat			
IMDO-S141	<i>S. equorum</i>	Raw pork meat			
IMDO-S142	<i>S. equorum</i>	Raw pork meat			
IMDO-S143	<i>S. equorum</i>	Raw pork meat			
IMDO-S144	<i>S. sciuri</i>	Raw pork meat			
IMDO-S145	<i>S. xylosus</i>	Raw pork meat			
IMDO-S146	<i>S. equorum</i>	Raw pork meat			
IMDO-S147	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S148	<i>S. equorum</i>	Fermented meat			
IMDO-S149	<i>S. equorum</i>	Fermented meat			
IMDO-S150	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S151	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S152	<i>S. xylosus</i>	Fermented meat	<i>rpoB</i>	99	CP008724.1
IMDO-S153	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	98	CP030246.1
IMDO-S154	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	100	LN554884.1
IMDO-S155	<i>S. xylosus</i>	Fermented meat			
IMDO-S156	<i>S. equorum</i>	Fermented meat			
IMDO-S157	<i>S. saprophyticus</i>	Fermented meat	<i>rpob</i>	100	CP022093.2
IMDO-S158	<i>S. xylosus</i>	Fermented meat			

IMDO-S159	<i>S. xyloso</i>	Fermented meat	<i>rpoB</i>	99	CP008724.1
IMDO-S160	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S161	<i>S. xyloso</i>	Fermented meat			
IMDO-S162	<i>S. xyloso</i>	Fermented meat			
IMDO-S163	<i>S. equorum</i>	Fermented meat			
IMDO-S164	<i>S. equorum</i>	Fermented meat			
IMDO-S165	<i>S. xyloso</i>	Fermented meat			
IMDO-S166	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S167	<i>S. xyloso</i>	Fermented meat			
IMDO-S168	<i>S. epidermidis</i>	Fermented meat			
IMDO-S169	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S170	<i>S. xyloso</i>	Fermented meat			
IMDO-S171	<i>S. equorum</i>	Fermented meat			
IMDO-S172	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S173	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S174	<i>S. xyloso</i>	Fermented meat			
IMDO-S175	<i>S. equorum</i>	Fermented meat	<i>rpoB</i>	100	CP013980.1
IMDO-S176	<i>S. equorum</i>	Fermented meat	<i>rpob, tuf</i>	100	CP008724.1
IMDO-S177	<i>S. xyloso</i>	Fermented meat	<i>rpoB</i>	99	CP008724.1
IMDO-S178	<i>S. equorum</i>	Fermented meat			
IMDO-S179	<i>S. xyloso</i>	Fermented meat	<i>rpoB</i>	99	CP008724.1
IMDO-S180	<i>S. xyloso</i>	Fermented meat			
IMDO-S181	<i>S. equorum</i>	Fermented meat			
IMDO-S182	<i>S. equorum</i>	Fermented meat			
IMDO-S183	<i>S. epidermidis</i>	Fermented meat	<i>rpoB</i>	99	CP009046.1
IMDO-S184	<i>S. equorum</i>	Raw pork meat			
IMDO-S185	<i>S. saprophyticus</i>	Raw pork meat			
IMDO-S186	<i>S. capitis</i>	Raw pork meat	<i>rpoB</i>	100	CP007601.1
IMDO-S187	<i>S. equorum</i>	Raw pork meat			
IMDO-S188	<i>S. saprophyticus</i>	Raw pork meat			
IMDO-S189	<i>S. equorum</i>	Raw pork meat			
IMDO-S190	<i>S. equorum</i>	Raw pork meat	<i>rpob</i>	100	CP018100.1
IMDO-S191	<i>S. equorum</i>	Raw pork meat	<i>tuf</i>	100	CP013714.1
IMDO-S192	<i>S. equorum</i>	Raw pork meat			
IMDO-S193	<i>S. xyloso</i>	Fermented meat	<i>rpoB</i>	100	CP008724.1
IMDO-S194	<i>S. xyloso</i>	Fermented meat	<i>rpoB</i>	99	CP008724.1
IMDO-S195	<i>S. xyloso</i>	Fermented meat			
IMDO-S196	<i>S. equorum</i>	Fermented meat			
IMDO-S197	<i>S. equorum</i>	Fermented meat			
IMDO-S198	<i>S. xyloso</i>	Fermented meat			
IMDO-S199	<i>S. equorum</i>	Fermented meat			
IMDO-S200	<i>S. xyloso</i>	Fermented meat	<i>rpoB</i>	99	CP008724.1
IMDO-S201	<i>S. xyloso</i>	Fermented meat			
IMDO-S202	<i>S. equorum</i>	Fermented meat			
IMDO-S203	<i>S. xyloso</i>	Fermented meat			

IMDO-S204	<i>S. xylosus</i>	Fermented meat			
IMDO-S205	<i>S. equorum</i>	Fermented meat			
IMDO-S206	<i>S. xylosus</i>	Fermented meat	<i>rpoB</i>	100	CP008724.1
IMDO-S207	<i>S. xylosus</i>	Fermented meat			
IMDO-S208	<i>S. equorum</i>	Fermented meat			
IMDO-S209	<i>S. xylosus</i>	Fermented meat			
IMDO-S210	<i>S. equorum</i>	Fermented meat			
IMDO-S211	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	99	CP018100.1
IMDO-S212	<i>S. xylosus</i>	Fermented meat			
IMDO-S213	<i>S. xylosus</i>	Fermented meat			
IMDO-S214	<i>S. xylosus</i>	Fermented meat			
IMDO-S215	<i>S. xylosus</i>	Fermented meat	<i>rpoB</i>	100	CP008724.1
IMDO-S216	<i>S. xylosus</i>	Fermented meat			
IMDO-S217	<i>S. equorum</i>	Fermented meat			
IMDO-S218	<i>S. xylosus</i>	Fermented meat			
IMDO-S219	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S220	<i>S. saprophyticus</i>	Fermented meat			
IMDO-S221	<i>S. equorum</i>	Fermented meat			
IMDO-S222	<i>S. pasteurii</i>	Fermented meat	<i>tuf</i>	99	CP017463.1
IMDO-S223	<i>S. equorum</i>	Fermented meat			
IMDO-S224	<i>S. xylosus</i>	Fermented meat			
IMDO-S225	<i>S. equorum</i>	Fermented meat			
IMDO-S226	<i>S. equorum</i>	Fermented meat			
IMDO-S227	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S228	<i>S. xylosus</i>	Raw pork meat			
IMDO-S229	<i>S. simulans</i>	Raw pork meat	<i>tuf</i>	100	CP015642.1
IMDO-S230	<i>S. saprophyticus</i>	Raw pork meat	<i>rpob</i>	100	CP014113.2
IMDO-S231	<i>S. equorum</i>	Raw pork meat			
IMDO-S232	<i>S. equorum</i>	Raw pork meat	<i>rpob</i>	100	CP018100.1
IMDO-S233	<i>S. equorum</i>	Raw pork meat	<i>rpob</i>	100	CP018100.1
IMDO-S234	<i>S. saprophyticus</i>	Raw pork meat	<i>rpob</i>	100	CP014113.2
IMDO-S235	<i>S. equorum</i>	Raw pork meat			
IMDO-S236	<i>S. equorum</i>	Raw pork meat			
IMDO-S237	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	100	CP009046.1
IMDO-S238	<i>S. xylosus</i>	Fermented meat			
IMDO-S239	<i>S. equorum</i>	Fermented meat			
IMDO-S240	<i>S. epidermidis</i>	Fermented meat	<i>rpob, tuf</i>	100	CP034115.1
IMDO-S241	<i>S. saprophyticus</i>	Fermented meat	<i>rpob</i>	100	CP014113.2
IMDO-S242	<i>S. xylosus</i>	Fermented meat			
IMDO-S243	<i>S. saprophyticus</i>	Fermented meat	<i>rpob</i>	100	CP014113.2
IMDO-S244	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	100	CP008724.1
IMDO-S245	<i>S. equorum</i>	Fermented meat			
IMDO-S246	<i>S. xylosus</i>	Fermented meat			
IMDO-S247	<i>S. saprophyticus</i>	Fermented meat	<i>rpob</i>	100	CP014113.2
IMDO-S248	<i>S. epidermidis</i>	Fermented meat			

IMDO-S249	<i>S. xylosus</i>	Fermented meat			
IMDO-S250	<i>S. equorum</i>	Fermented meat			
IMDO-S251	<i>S. xylosus</i>	Fermented meat			
IMDO-S252	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S253	<i>S. xylosus</i>	Fermented meat			
IMDO-S254	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	100	CP009046.1
IMDO-S255	<i>S. xylosus</i>	Fermented meat			
IMDO-S256	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	99	CP018100.1
IMDO-S257	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	99	CP018100.1
IMDO-S258	<i>S. xylosus</i>	Fermented meat			
IMDO-S259	<i>S. xylosus</i>	Fermented meat			
IMDO-S260	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	99	CP018100.1
IMDO-S261	<i>S. vitulinus</i>	Fermented meat			
IMDO-S262	<i>S. xylosus</i>	Fermented meat			
IMDO-S263	<i>S. equorum</i>	Fermented meat	<i>rpob, tuf</i>	100	CP013980.1
IMDO-S264	<i>S. xylosus</i>	Fermented meat			
IMDO-S265	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	99	CP018100.1
IMDO-S266	<i>S. xylosus</i>	Fermented meat			
IMDO-S267	<i>S. equorum</i>	Fermented meat			
IMDO-S268	<i>S. equorum</i>	Fermented meat			
IMDO-S269	<i>S. xylosus</i>	Fermented meat			
IMDO-S270	<i>S. equorum</i>	Fermented meat			
IMDO-S271	<i>S. equorum</i>	Fermented meat			
IMDO-S272	<i>S. xylosus</i>	Fermented meat			
IMDO-S273	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S274	<i>S. equorum</i>	Fermented meat			
IMDO-S275	<i>S. xylosus</i>	Fermented meat			
IMDO-S276	<i>S. saprophyticus</i>	Raw pork meat			
IMDO-S277	<i>S. equorum</i>	Raw pork meat			
IMDO-S278	<i>S. equorum</i>	Raw pork meat	<i>rpob</i>	100	CP018100.1
IMDO-S279	<i>S. xylosus</i>	Raw pork meat			
IMDO-S280	<i>S. equorum</i>	Raw pork meat	<i>rpob</i>	100	CP018100.1
IMDO-S281	<i>S. equorum</i>	Raw pork meat			
IMDO-S282	<i>S. equorum</i>	Raw pork meat			
IMDO-S283	<i>S. xylosus</i>	Raw pork meat			
IMDO-S284	<i>S. equorum</i>	Raw pork meat			
IMDO-S285	<i>S. saprophyticus</i>	Fermented meat			
IMDO-S286	<i>S. saprophyticus</i>	Fermented meat	<i>rpob</i>	100	CP014113.2
IMDO-S287	<i>S. xylosus</i>	Fermented meat			
IMDO-S288	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	100	CP009046.1
IMDO-S289	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	100	CP008724.1
IMDO-S290	<i>S. xylosus</i>	Fermented meat			
IMDO-S291	<i>S. epidermidis</i>	Fermented meat			
IMDO-S292	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	100	CP008724.1
IMDO-S293	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	99	CP009046.1

IMDO-S294	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	100	CP008724.1
IMDO-S295	<i>S. equorum</i>	Fermented meat			
IMDO-S296	<i>S. equorum</i>	Fermented meat			
IMDO-S297	<i>S. xylosus</i>	Fermented meat	<i>rpob, tuf</i>	100	LN554884.1
IMDO-S298	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	99	CP018100.1
IMDO-S299	<i>S. epidermidis</i>	Fermented meat			
IMDO-S300	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S301	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	100	LN554884.1
IMDO-S302	<i>S. epidermidis</i>	Fermented meat			
IMDO-S303	<i>S. epidermidis</i>	Fermented meat			
IMDO-S304	<i>S. saprophyticus</i>	Fermented meat			
IMDO-S305	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	100	CP009046.1
IMDO-S306	<i>S. equorum</i>	Fermented meat			
IMDO-S307	<i>S. xylosus</i>	Fermented meat			
IMDO-S308	<i>S. epidermidis</i>	Fermented meat			
IMDO-S309	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	100	CP009046.1
IMDO-S310	<i>S. xylosus</i>	Fermented meat	<i>rpob</i>	99	CP008724.1
IMDO-S311	<i>S. saprophyticus</i>	Fermented meat	<i>rpob</i>	100	CP014113.2
IMDO-S312	<i>S. xylosus</i>	Fermented meat			
IMDO-S313	<i>S. equorum</i>	Fermented meat			
IMDO-S314	<i>S. equorum</i>	Fermented meat			
IMDO-S315	<i>S. equorum</i>	Fermented meat			
IMDO-S316	<i>S. equorum</i>	Fermented meat			
IMDO-S317	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S318	<i>S. equorum</i>	Fermented meat			
IMDO-S319	<i>S. xylosus</i>	Fermented meat			
IMDO-S320	<i>S. xylosus</i>	Fermented meat			
IMDO-S321	<i>S. equorum</i>	Fermented meat			
IMDO-S322	<i>S. equorum</i>	Fermented meat			
IMDO-S323	<i>S. equorum</i>	Fermented meat			
IMDO-S324	<i>S. epidermidis</i>	Fermented meat	<i>rpob</i>	99	CP009046.1
IMDO-S325	<i>S. equorum</i>	Fermented meat			
IMDO-S326	<i>S. xylosus</i>	Fermented meat			
IMDO-S327	<i>S. equorum</i>	Fermented meat	<i>rpob</i>	100	CP018100.1
IMDO-S328	<i>S. saprophyticus</i>	Fermented meat			
IMDO-S329	<i>S. saprophyticus</i>	Contamination	<i>rpob, tuf</i>	100	CP035005.1
IMDO-S335	<i>S. xylosus</i>	Contamination	<i>tuf</i>	100	CP008724.1
IMDO-S336	<i>S. epidermidis</i>	Contamination	<i>rpob</i>	100	CP030246.1
IMDO-S337	<i>S. epidermidis</i>	Contamination	<i>rpob</i>	100	CP030246.1

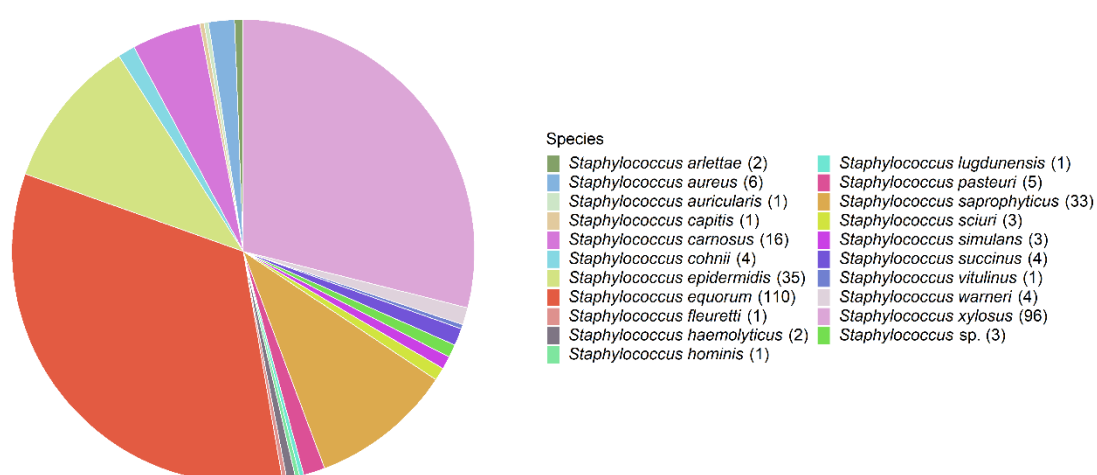


Figure S1. Species diversity of the staphylococcal strain collection (332 strains). The amount of strains per species is indicated by the number between brackets. Three isolates could not be identified to species level and were categorized as *Staphylococcus sp.*

19 **Table S2.** Scores of antibacterial activities of the staphylococcal library towards seven staphylococcal indicator strains. 0 = no inhibition, 1 = IZ ≤ 1 mm, 2 = 1 mm ≤
20 IZ ≤ 4 mm, 3 = 4 mm ≤ IZ ≤ 8 mm, 4 = IZ ≥ 8 mm. Antibacterial strains are highlighted in gray. Strains that were used in the negative set are indicated with an asterix
21 (*).

Name	Species	IMDO-S30 <i>S. epidermidis</i>	IMDO-S16 <i>S. carnosus</i>	IMDO-S62 <i>S. saprophyticus</i>	IMDO-S73 <i>S. saprophyticus</i>	IMDO-S86 <i>S. xylosus</i>	IMDO-S32 <i>S. equorum</i>	IMDO-S18 <i>S. arlettae</i>
IMDO-S1*	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S2	<i>S. arlettae</i>	0	0	0	0	0	0	0
IMDO-S3	<i>S. auricularis</i>	0	0	0	0	0	0	0
IMDO-S4	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S5*	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S6	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S7	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S8	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S9*	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S10	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S11	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S12	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S13	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S14	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S15	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S16	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S17	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S18	<i>S. arlettae</i>	0	0	0	0	0	0	0
IMDO-S19	<i>S. cohnii</i>	0	0	0	0	0	0	0
IMDO-S20	<i>S. cohnii</i>	0	0	0	0	0	0	0
IMDO-S21	<i>S. cohnii</i>	0	0	0	0	0	0	0
IMDO-S22	<i>Staphylococcus</i> sp.	0	0	0	0	0	0	0
IMDO-S23	<i>Staphylococcus</i> sp.	0	0	0	0	0	0	0

IMDO-S24	<i>Staphylococcus</i> sp.	0	0	0	0	0	0	0
IMDO-S25	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S26	<i>S. epidermidis</i>	0	0	2	0	1	3	0
IMDO-S27	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S28	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S29	<i>S. epidermidis</i>	2	2	3	2	2	4	2
IMDO-S30	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S31*	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S32*	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S33	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S34*	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S35	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S36	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S37	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S38	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S39	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S40	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S41	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S42	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S43	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S44	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S45	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S46	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S47	<i>S. fleuretti</i>	1	0	2	1	2	2	2
IMDO-S48	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S49	<i>S. haemolyticus</i>	0	0	0	0	0	0	0
IMDO-S50	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S51	<i>S. haemolyticus</i>	0	0	0	0	0	0	0
IMDO-S52	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S53	<i>S. hominis</i>	0	0	0	0	0	0	0

IMDO-S54	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S55	<i>S. pasteurii</i>	0	0	0	0	0	0	0
IMDO-S56	<i>S. pasteurii</i>	0	0	0	0	0	0	0
IMDO-S57	<i>S. pasteurii</i>	0	0	0	0	0	0	0
IMDO-S58*	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S59	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S60	<i>S. carnosus</i>	0	0	0	0	0	0	0
IMDO-S61	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S62	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S63*	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S64	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S65	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S66	<i>S. simulans</i>	0	0	0	0	0	0	0
IMDO-S67	<i>S. succinus</i>	0	0	0	0	0	0	0
IMDO-S68	<i>S. succinus</i>	0	0	0	0	0	0	0
IMDO-S69	<i>S. succinus</i>	0	0	0	0	0	0	0
IMDO-S70*	<i>S. sciuri</i>	0	0	0	0	0	0	0
IMDO-S71	<i>S. cohnii</i>	0	0	0	0	0	0	0
IMDO-S72	<i>S. sciuri</i>	3	4	3	3	3	4	2
IMDO-S73	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S74	<i>S. warneri</i>	0	0	0	0	0	0	0
IMDO-S75	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S76*	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S77	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S78*	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S79	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S80	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S81	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S82	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S83*	<i>S. xylosus</i>	0	0	0	0	0	0	0

IMDO-S84	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S85	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S86	<i>S. xylosus</i>	0	0	0	0	0	0	2
IMDO-S87	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S88	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S89	<i>S. succinus</i>	0	0	0	0	0	0	0
IMDO-S90	<i>S. warneri</i>	0	0	0	0	0	0	0
IMDO-S91	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S92	<i>S. lugdunensis</i>	0	0	0	0	0	0	0
IMDO-S93	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S94	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S95	<i>S. simulans</i>	0	0	0	0	0	0	0
IMDO-S96	<i>S. pasteurii</i>	0	0	0	0	0	0	0
IMDO-S97	<i>S. aureus</i>	0	0	0	0	0	0	1
IMDO-S98*	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S99	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S100	<i>S. aureus</i>	0	0	0	0	0	0	0
IMDO-S101	<i>S. epidermidis</i>	0	0	2	0	0	0	0
IMDO-S102	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S103	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S104	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S105	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S106	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S107	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S108	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S109	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S110	<i>S. equorum</i>	0	0	1	2	1	0	0
IMDO-S111	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S112	<i>S. warneri</i>	0	0	0	0	0	0	0
IMDO-S113	<i>S. warneri</i>	0	0	0	0	0	0	0

IMDO-S114	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S115	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S116	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S117	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S118	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S119	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S120	<i>S. aureus</i>	0	0	0	0	0	0	0
IMDO-S121	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S122	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S123	<i>S. xylosus</i>	0	0	0	1	0	4	0
IMDO-S124	<i>S. aureus</i>	0	0	0	0	0	0	0
IMDO-S125	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S126	<i>S. aureus</i>	0	0	0	0	0	0	0
IMDO-S127	<i>S. aureus</i>	0	0	0	0	0	0	0
IMDO-S128	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S129	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S130	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S131	<i>S. equorum</i>	0	0	0	1	0	4	0
IMDO-S132	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S133	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S134	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S135	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S136	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S137	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S138	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S139	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S140	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S141	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S142	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S143	<i>S. equorum</i>	0	0	0	0	0	0	0

IMDO-S144*	<i>S. sciuri</i>	0	0	0	0	0	0	0
IMDO-S145	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S146	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S147	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S148	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S149	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S150	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S151	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S152	<i>S. xylosus</i>	0	0	0	1	1	0	0
IMDO-S153	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S154	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S155	<i>S. xylosus</i>	0	0	0	1	1	0	0
IMDO-S156	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S157	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S158	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S159	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S160	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S161	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S162	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S163	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S164	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S165	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S166	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S167	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S168	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S169	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S170	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S171	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S172	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S173	<i>S. equorum</i>	0	0	0	0	0	0	0

IMDO-S174	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S175	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S176	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S177	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S178	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S179	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S180	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S181	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S182	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S183	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S184	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S185	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S186	<i>S. capitis</i>	0	0	0	0	0	0	0
IMDO-S187	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S188	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S189	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S190	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S191	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S192	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S193	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S194	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S195	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S196	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S197	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S198	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S199	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S200	<i>S. xylosus</i>	0	0	0	1	0	0	0
IMDO-S201	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S202	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S203*	<i>S. xylosus</i>	0	0	0	0	0	0	0

IMDO-S204	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S205	<i>S. equorum</i>	0	0	0	1	0	0	0
IMDO-S206	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S207	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S208	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S209	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S210	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S211	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S212	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S213	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S214	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S215	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S216	<i>S. xylosus</i>	4	2	3	2	3	0	0
IMDO-S217	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S218	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S219	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S220	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S221	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S222	<i>S. pasteurii</i>	0	0	0	0	0	0	0
IMDO-S223	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S224	<i>S. xylosus</i>	0	0	0	0	0	4	0
IMDO-S225	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S226	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S227	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S228	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S229	<i>S. simulans</i>	0	0	0	0	0	0	0
IMDO-S230	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S231	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S232	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S233	<i>S. equorum</i>	0	0	0	0	0	0	0

IMDO-S234	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S235	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S236	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S237	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S238	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S239	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S240	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S241	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S242	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S243	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S244	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S245	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S246	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S247	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S248	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S249	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S250	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S251	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S252*	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S253	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S254	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S255	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S256	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S257	<i>S. equorum</i>	0	0	2	0	0	0	0
IMDO-S258	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S259	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S260	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S261	<i>S. vitulinus</i>	0	0	0	0	0	0	0
IMDO-S262	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S263	<i>S. equorum</i>	0	0	0	0	0	0	0

IMDO-S264	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S265	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S266	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S267	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S268	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S269	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S270	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S271	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S272	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S273	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S274	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S275	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S276	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S277	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S278	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S279	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S280	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S281	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S282	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S283	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S284	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S285	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S286	<i>S. saprophyticus</i>	0	0	0	1	1	2	1
IMDO-S287	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S288	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S289	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S290	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S291	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S292	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S293	<i>S. epidermidis</i>	0	0	0	0	0	0	0

IMDO-S294	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S295	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S296	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S297	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S298	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S299	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S300	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S301	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S302	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S303	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S304	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S305	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S306	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S307	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S308	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S309	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S310	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S311	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S312	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S313	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S314	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S315	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S316	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S317	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S318	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S319	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S320	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S321	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S322	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S323	<i>S. equorum</i>	0	0	0	0	0	0	0

IMDO-S324	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S325	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S326	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S327	<i>S. equorum</i>	0	0	0	0	0	0	0
IMDO-S328	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S329	<i>S. saprophyticus</i>	0	0	0	0	0	0	0
IMDO-S335	<i>S. xylosus</i>	0	0	0	0	0	0	0
IMDO-S336	<i>S. epidermidis</i>	0	0	0	0	0	0	0
IMDO-S337	<i>S. epidermidis</i>	0	0	0	0	0	0	0

22

23 **Table S3.** List of non-toxigenic *Clostridium botulinum* group I and group II used as indicator strains in spot-on-lawn assay.

<i>Clostridium botulinum</i> group	Strain	Origin
I	WHH2	White herring
	SDBE2.1	Sludge/mud
	MEL	Milk powder
	ME2.1	Manure
	TR2.2	Mud
	BB32	Mud
	ZBS 1	Sand
	ZO1.2	Beach sand
	SDE2.2	Sludge/mud
II	Δ8266	Non-toxigenic construct ¹
	Δ11219	Non-toxigenic construct ¹
	ME2.2	Dried manure
	ZBS 2	Pike, intestine
	ZBS 3	Bream
	ZBS 4	Lake sediment

II	ZBS 5	Horse, faeces
	ZBS 6	Human, faeces
	ZBS 7	Cattle, rumen content
	ZBS 8	Cattle, faeces
	ZBS 9	Liver sausage
	ZBS 11	Lake sediment
	ZBS 12	Cattle, rumen content
	ZBS 13	Cattle, faeces
	ZBS 14	Mallart duck, duodenum
	ZBS 15	Biogas plant
	ZBS 17	Silage
	ZBS 18	Human, stomach content
	ZBS 19	Honey
	ZBS 20	Honey
	3676	Food isolate
	3677	Food isolate
	3678	Food isolate
	DSM 1985	Lake sediment

¹[48]

Table S4. Spot-on-lawn assay testing the antibacterial impact of *Staphylococcus sciuri* IMDO-S72 on different indicator strains. + Or -: inhibition or no inhibition of the indicator strain.

Gram-staining category	Indicator strains	Antibacterial activity <i>S. sciuri</i> IMDO-S72
+	<i>Listeria monocytogenes</i> SCOTT A	+
	<i>Bacillus cereus</i> 14579	-
	<i>B. cereus</i> AFSSA_08CEB44bac	+
	<i>B. cereus</i> INRA KBAAD5	+
	<i>B. cereus</i> INRA PA	+

+	<i>B. cereus</i> INRA SB'	+
	<i>B. cereus</i> TZ415	+
	<i>Bacillus subtilis</i> 168	+
	<i>Lactococcus lactis</i> IL1402	+
	<i>Lactobacillus sakei</i>	+
	<i>Staphylococcus aureus</i> IMDO-S100	+
-	<i>Escherichia coli</i> DH5α	-
	<i>Salmonella enterica</i> Typhimurium LT2	-

27

28 **Table S5.** Biogenic amine concentrations of the staphylococcal library after 7 and 14 d of incubation in BHI measured using UPLC-MS/MS. Strains are ordered
 29 alphabetically, the names of the biogenic amines are abbreviated: AGM = agmatine, CAD = cadaverine, HIS = histamine, PEA = β-phenylethylamine, PUT =
 30 putrescine, SPD = spermidine, SPM = spermine, TRY = tryptamine and TYR = tyramine. Concentrations were assumed zero if they were under the limit of
 31 quantification (ULQ).

		7 d									14 d								
Species	Strain ID	AGM	CAD	HIS	PEA	PUT	SPD	SPM	TRY	TYR	AGM	CAD	HIS	PEA	PUT	SPD	SPM	TRY	TYR
<i>S. arlettae</i>	2	8.60	36.42	1.31	0.00	50.67	38.60	30.46	0.00	0.00	1.60	20.71	0.00	0.00	32.58	37.99	28.32	0.00	0.00
<i>S. arlettae</i>	18	6.82	23.52	0.00	0.00	30.05	33.00	29.32	0.00	0.00	3.22	8.32	0.00	0.00	19.43	33.60	25.61	0.00	0.00
<i>S. aureus</i>	97	10.19	26.14	0.00	0.00	41.42	35.93	28.59	0.00	0.00	8.50	23.09	0.00	0.00	46.31	46.96	29.32	0.00	0.00
<i>S. aureus</i>	100	11.53	38.55	1.15	0.00	58.16	40.23	29.84	0.00	0.00	7.29	19.25	0.00	0.00	35.65	42.40	27.89	0.00	0.00
<i>S. aureus</i>	120	0.00	0.00	0.00	2.79	0.00	9.25	19.50	0.00	469.64	12.16	31.89	0.00	614.78	41.72	41.49	26.03	5.85	10221.80
<i>S. aureus</i>	124	16.68	39.42	12.20	198.09	123.43	12.27	42.65	0.00	18181.61	14.21	22.39	0.00	676.48	33.94	21.49	53.46	5.44	7451.22
<i>S. aureus</i>	126	13.44	29.20	3.10	170.06	42.28	11.09	29.93	0.00	7973.31	9.85	11.95	0.00	631.67	20.25	19.31	39.04	4.43	6447.40
<i>S. aureus</i>	127	197.35	1913.42	22.27	404.02	18119.89	13.68	25.08	0.00	0.00	1.84	1804.41	28.18	643.43	28701.70	16.30	42.09	0.00	0.00
<i>S. auricularis</i>	3	6.73	34.73	0.00	0.00	43.92	41.86	29.56	0.00	0.00	6.20	21.21	0.00	0.00	25.25	41.28	26.96	0.00	0.00
<i>S. capitis</i>	186	8.86	56.51	8029.75	1026.43	44.84	30.86	23.38	19.52	6759.93	7.73	76.15	8763.09	1557.45	45.47	33.98	22.07	35.90	6657.03
<i>S. carnosus</i>	5	10.35	32.80	3.41	805.56	45.43	42.47	27.38	179.10	221.22	9.75	27.27	0.00	1426.90	40.22	44.17	24.74	333.05	377.11

<i>S. carnosus</i>	6	6.36	26.73	0.00	720.00	37.36	40.66	26.39	143.73	175.43	5.54	14.12	0.00	1694.86	22.16	41.79	23.09	350.82	354.17
<i>S. carnosus</i>	7	10.01	31.36	3.40	784.22	41.70	43.66	27.60	170.93	222.18	9.38	23.02	4.37	1705.99	29.32	49.47	71.86	363.84	381.02
<i>S. carnosus</i>	8	10.09	36.75	2.48	759.72	47.55	43.99	27.53	165.66	223.06	8.96	21.58	0.00	1559.62	28.19	44.07	46.00	315.51	341.95
<i>S. carnosus</i>	9	9.00	31.35	1.53	706.63	38.86	42.81	27.74	152.90	193.16	5.28	17.63	0.00	1367.98	24.22	43.75	33.57	280.07	281.15
<i>S. carnosus</i>	10	8.32	27.02	0.38	695.08	31.95	42.45	28.66	143.47	189.67	7.09	17.80	0.00	1378.58	25.19	42.40	29.86	270.28	299.28
<i>S. carnosus</i>	11	13.06	39.91	4.27	781.24	61.33	44.51	28.43	180.33	273.85	9.71	23.57	0.00	1551.28	29.79	44.11	28.95	337.74	355.23
<i>S. carnosus</i>	12	9.46	38.14	5.86	807.28	56.24	45.28	28.29	180.92	256.13	4.57	11.88	0.00	1636.37	20.63	41.41	26.84	316.88	291.75
<i>S. carnosus</i>	13	8.95	37.55	5.74	796.81	54.97	44.36	27.86	188.49	290.01	6.95	18.18	0.00	1430.50	30.34	41.04	24.91	305.42	390.31
<i>S. carnosus</i>	14	8.94	33.04	3.80	674.21	47.57	44.29	29.48	190.04	148.91	4.96	14.86	0.00	1011.52	23.01	41.51	25.59	249.77	158.05
<i>S. carnosus</i>	15	7.05	31.76	3.77	735.72	48.71	41.12	27.11	170.17	237.48	7.24	20.94	0.00	1697.35	31.14	43.95	26.02	374.35	436.55
<i>S. carnosus</i>	16	6.10	23.68	0.00	667.81	38.75	39.29	25.72	131.96	155.53	5.57	17.14	0.00	1514.25	23.79	42.60	24.76	274.10	316.99
<i>S. carnosus</i>	46	6.69	28.33	2.40	712.37	44.32	39.88	28.12	148.45	204.53	6.01	13.08	0.00	1888.42	17.35	40.96	22.99	424.99	441.47
<i>S. carnosus</i>	48	9.27	30.46	1.68	732.93	42.61	38.22	24.90	165.70	209.04	8.58	18.81	0.00	1676.91	30.80	41.23	23.19	382.92	397.26
<i>S. carnosus</i>	52	9.91	36.55	3.71	654.27	56.05	40.34	26.35	147.59	242.86	7.57	20.18	0.00	1764.85	31.61	41.48	27.18	393.23	441.74
<i>S. carnosus</i>	60	10.85	36.50	6.18	645.64	50.65	38.16	25.02	155.49	246.40	8.50	15.92	0.00	1479.37	33.65	35.66	23.19	323.03	376.90
<i>S. cohnii</i>	19	9.37	28.20	2.93	0.00	41.72	31.54	28.46	0.00	0.00	6.70	19.69	0.00	0.00	33.95	29.09	25.03	0.00	0.00
<i>S. cohnii</i>	20	7.91	31.32	1.08	0.00	44.12	35.74	26.38	0.00	0.00	4.32	15.45	0.00	0.00	24.20	34.68	25.09	0.00	0.00
<i>S. cohnii</i>	21	8.26	24.26	0.55	0.00	38.11	35.89	29.19	0.00	0.00	7.30	18.88	0.00	0.00	34.45	36.95	27.35	0.00	0.00
<i>S. cohnii</i>	71	7.14	28.99	2.42	0.00	39.89	26.79	26.96	0.00	0.00	8.89	23.52	0.00	0.00	32.98	24.26	25.49	0.00	0.00
<i>S. epidermidis</i>	1	10.45	40.81	2.11	0.00	57.54	44.89	30.96	0.00	0.00	8.90	29.19	0.00	0.00	43.82	46.51	28.40	0.00	0.00
<i>S. epidermidis</i>	17	9.75	33.95	1.99	0.00	48.32	39.19	31.06	0.00	0.00	8.12	24.54	0.00	0.00	43.96	40.86	28.61	0.00	0.00
<i>S. epidermidis</i>	25	7.01	23.28	0.00	0.00	31.33	32.78	28.82	0.00	0.00	8.07	21.75	0.00	0.00	36.98	40.65	30.42	0.00	0.00
<i>S. epidermidis</i>	26	10.12	29.83	15.10	884.73	39.52	25.78	25.77	174.71	113.75	8.78	23.13	15.01	1445.78	41.54	27.00	27.04	302.45	186.37
<i>S. epidermidis</i>	27	7.91	32.14	2.81	0.00	38.26	34.72	29.72	0.00	0.00	6.72	19.42	0.00	0.00	32.43	39.57	28.37	0.00	0.00
<i>S. epidermidis</i>	28	9.67	30.35	0.00	0.00	43.00	35.43	28.21	0.00	0.00	7.55	18.18	0.00	0.00	31.68	38.48	30.68	0.00	0.00
<i>S. epidermidis</i>	29	10.44	35.47	2.91	0.00	55.60	36.79	30.64	0.00	0.00	7.04	17.00	0.00	0.00	32.83	39.80	29.02	0.00	0.00
<i>S. epidermidis</i>	30	8.24	28.37	0.00	0.00	40.42	36.82	29.55	0.00	0.00	6.52	16.70	0.00	0.00	31.00	43.44	28.41	0.00	0.00
<i>S. epidermidis</i>	50	7.96	22.44	0.00	0.00	34.39	29.52	28.26	0.00	0.00	10.56	24.14	0.00	0.00	37.60	37.10	65.93	0.00	0.00
<i>S. epidermidis</i>	93	12.87	193.17	3.26	0.00	55.84	36.67	29.60	0.00	0.00	8.66	432.85	0.00	0.00	37.40	37.14	27.06	0.00	0.00
<i>S. epidermidis</i>	94	7.79	36.42	0.00	0.00	35.83	30.48	27.21	0.00	0.00	7.44	49.68	0.00	0.00	36.83	34.17	26.58	0.00	0.00

<i>S. epidermidis</i>	98	8.89	32.77	0.00	0.00	47.14	38.50	30.21	0.00	0.00	9.48	27.60	0.00	0.00	43.38	46.03	29.29	0.00	0.00
<i>S. epidermidis</i>	99	11.12	37.72	3.06	0.00	49.92	31.20	28.58	0.00	0.00	8.87	22.02	0.00	0.00	33.46	30.87	26.91	0.00	0.00
<i>S. epidermidis</i>	101	10.22	27.72	11.09	851.18	38.48	24.89	25.71	168.35	105.45	11.36	23.89	11.27	1373.02	45.17	24.45	23.98	313.40	226.12
<i>S. epidermidis</i>	107	6.29	24.12	0.00	0.00	37.76	30.94	26.45	0.00	0.00	4.79	14.88	0.00	0.00	26.70	33.86	25.26	0.00	0.00
<i>S. epidermidis</i>	139	7.73	25.84	0.00	0.00	37.71	33.96	28.58	0.00	0.00	7.40	16.67	0.00	0.00	27.80	34.08	26.83	0.00	0.00
<i>S. epidermidis</i>	153	10.24	23.97	0.00	171.28	30.71	10.31	28.22	0.00	7116.74	12.13	25.30	0.00	818.87	41.28	18.03	25.24	7.29	7941.20
<i>S. epidermidis</i>	168	6.05	19.77	0.00	0.00	32.52	25.74	25.98	0.00	0.00	5.38	16.37	0.00	0.00	28.20	29.73	24.63	0.00	0.00
<i>S. epidermidis</i>	183	7.38	24.86	0.00	0.00	33.53	34.21	27.77	0.00	0.00	6.70	25.15	0.00	0.00	37.08	38.92	26.59	0.00	0.00
<i>S. epidermidis</i>	237	9.66	23.06	0.00	0.00	32.58	30.64	34.07	0.00	0.00	10.49	31.80	0.00	0.00	56.10	38.43	28.80	0.00	0.00
<i>S. epidermidis</i>	240	8.20	20.75	0.00	0.00	27.00	26.74	27.13	0.00	0.00	5.53	14.52	0.00	0.00	23.53	28.00	22.51	0.00	0.00
<i>S. epidermidis</i>	248	13.31	31.11	0.00	0.00	50.22	33.17	31.83	0.00	0.00	9.03	24.55	0.00	0.00	45.98	34.61	26.94	0.00	0.00
<i>S. epidermidis</i>	254	7.83	14.06	0.00	0.00	22.01	29.76	27.13	0.00	0.00	5.58	17.57	0.00	0.00	27.96	34.61	25.80	0.00	0.00
<i>S. epidermidis</i>	288	10.00	23.75	0.23	0.00	37.91	35.73	28.03	0.00	0.00	10.02	25.88	0.00	0.00	41.55	37.81	26.73	0.00	0.00
<i>S. epidermidis</i>	291	12.50	29.56	0.06	0.00	41.89	35.37	27.82	0.00	0.00	9.32	19.57	0.00	0.00	31.85	39.63	26.50	0.00	0.00
<i>S. epidermidis</i>	293	13.72	27.39	0.00	0.00	34.92	33.55	29.09	0.00	0.00	11.26	24.79	0.00	0.00	40.42	38.27	28.39	0.00	0.00
<i>S. epidermidis</i>	299	8.11	25.21	0.00	0.00	30.32	33.46	27.78	0.00	0.00	7.82	22.01	0.00	0.00	32.93	39.12	27.94	0.00	0.00
<i>S. epidermidis</i>	302	8.65	20.74	0.00	0.00	27.25	31.96	27.23	0.00	0.00	8.21	26.71	0.00	0.00	34.58	40.11	26.87	0.00	0.00
<i>S. epidermidis</i>	303	7.75	19.57	0.00	0.00	28.20	30.09	26.91	0.00	0.00	9.47	24.36	0.00	0.00	36.62	37.40	27.71	0.00	0.00
<i>S. epidermidis</i>	305	11.14	21.98	0.00	0.00	35.17	32.99	28.08	0.00	0.00	7.38	23.79	0.00	0.00	36.07	41.01	28.89	0.00	0.00
<i>S. epidermidis</i>	308	7.70	16.79	0.00	0.00	18.94	30.92	26.52	0.00	0.00	13.99	42.74	0.00	0.00	75.74	44.42	33.35	0.00	0.00
<i>S. epidermidis</i>	309	10.84	26.23	0.00	0.00	35.64	33.01	27.80	0.00	0.00	7.78	19.51	0.00	0.00	33.34	36.33	28.85	0.00	0.00
<i>S. epidermidis</i>	324	8.23	22.00	0.00	0.00	29.07	31.22	27.19	0.00	0.00	6.79	14.82	0.00	0.00	23.88	36.25	31.18	0.00	0.00
<i>S. epidermidis</i>	336	10.41	27.25	0.00	0.00	39.39	32.16	26.68	0.00	0.00	6.87	15.15	0.00	0.00	25.36	39.53	29.00	0.00	0.00
<i>S. epidermidis</i>	337	10.45	24.86	0.00	0.00	35.94	32.20	28.29	0.00	0.00	6.14	13.06	0.00	0.00	24.09	35.70	28.69	0.00	0.00
<i>S. equorum</i>	31	7.61	23.04	0.00	0.00	28.22	32.50	29.15	0.00	0.00	7.26	14.25	0.00	0.00	26.48	33.81	25.28	0.00	0.00
<i>S. equorum</i>	32	7.01	25.06	1.15	0.00	35.70	39.12	29.04	0.00	0.00	6.61	20.73	0.00	0.00	37.79	40.55	26.82	0.00	0.00
<i>S. equorum</i>	33	8.67	26.59	0.21	0.00	31.07	32.95	29.35	0.00	0.00	7.54	20.90	0.00	0.00	33.86	31.31	25.66	0.00	0.00
<i>S. equorum</i>	35	9.08	26.82	0.00	0.00	35.70	31.39	27.11	0.00	0.00	7.47	17.73	0.00	0.00	30.53	36.29	28.72	0.00	0.00
<i>S. equorum</i>	36	9.06	30.68	1.13	0.00	47.44	29.09	27.48	0.00	0.00	4.26	13.62	0.00	0.00	23.20	30.88	26.08	0.00	0.00
<i>S. equorum</i>	38	8.55	33.65	1.95	0.00	50.41	21.23	27.85	0.00	0.00	4.75	9.42	0.00	0.00	16.41	21.11	23.70	0.00	0.00

<i>S. equorum</i>	39	7.88	24.77	0.00	0.00	37.05	32.64	29.76	0.00	0.00	8.12	23.54	0.00	0.00	38.19	30.62	25.72	0.00	0.00
<i>S. equorum</i>	41	10.33	39.98	5.48	0.00	65.24	34.09	31.15	0.00	0.00	5.28	17.31	0.00	0.00	27.80	30.10	25.54	0.00	0.00
<i>S. equorum</i>	42	7.33	24.36	0.00	0.00	35.16	30.93	28.95	0.00	0.00	6.45	19.08	0.00	0.00	33.17	34.13	25.52	0.00	0.00
<i>S. equorum</i>	43	8.08	30.21	3.89	0.00	40.83	31.32	29.54	0.00	0.00	6.47	19.15	0.00	0.00	30.15	30.52	26.79	0.00	0.00
<i>S. equorum</i>	44	5.17	27.58	0.42	0.00	39.48	37.40	28.24	0.00	0.00	7.99	22.88	0.00	0.00	34.34	42.20	27.03	0.00	0.00
<i>S. equorum</i>	45	8.57	28.21	2.28	0.00	40.82	16.11	28.54	0.00	0.00	7.55	19.30	0.00	0.00	29.10	19.20	24.80	0.00	0.00
<i>S. equorum</i>	75	7.84	29.26	1.11	0.00	40.96	33.39	27.42	0.00	0.00	7.80	20.02	0.00	0.00	34.10	35.32	25.50	0.00	0.00
<i>S. equorum</i>	108	10.55	29.65	3.69	0.00	43.45	28.43	26.20	0.00	0.00	6.43	10.72	0.00	0.00	23.72	29.40	23.14	0.00	0.00
<i>S. equorum</i>	110	9.83	37.63	4.44	0.00	45.20	26.89	28.32	0.00	0.00	4.39	13.41	0.00	0.00	23.08	26.79	25.74	0.00	0.00
<i>S. equorum</i>	116	9.14	36.61	1.86	0.00	50.95	28.18	27.39	0.00	0.00	5.33	15.76	0.00	0.00	28.25	28.71	24.95	0.00	0.00
<i>S. equorum</i>	118	9.54	15.91	0.00	0.00	22.07	32.43	35.36	0.00	0.00	7.72	20.48	0.00	0.00	31.40	33.72	24.19	0.00	0.00
<i>S. equorum</i>	119	7.86	26.69	0.00	0.00	40.14	36.00	35.72	0.00	0.00	8.93	18.18	0.00	0.00	36.35	40.29	28.24	0.00	0.00
<i>S. equorum</i>	122	8.81	26.54	0.00	0.00	39.04	25.82	31.37	0.00	0.00	6.84	18.00	0.00	0.00	30.04	28.25	24.63	0.00	0.00
<i>S. equorum</i>	131	77.15	32.22	2.10	0.00	47.40	21.72	27.41	0.00	0.00	145.85	16.27	0.00	0.00	28.43	31.60	27.01	0.00	0.00
<i>S. equorum</i>	133	7.39	28.48	1.28	0.00	43.97	26.82	25.14	0.00	0.00	6.93	19.03	0.00	0.00	31.46	26.74	25.02	0.00	0.00
<i>S. equorum</i>	136	11.06	39.97	3.74	0.00	57.73	30.89	29.39	0.00	0.00	7.45	18.48	0.00	0.00	38.60	28.41	25.48	0.00	0.00
<i>S. equorum</i>	138	8.02	31.98	3.20	0.00	44.75	27.85	29.10	0.00	0.00	5.56	18.04	0.00	0.00	28.62	27.84	25.49	0.00	0.00
<i>S. equorum</i>	140	5.88	23.65	0.00	0.00	31.80	24.46	25.66	0.00	0.00	5.45	16.46	0.00	0.00	22.27	28.76	26.22	0.00	0.00
<i>S. equorum</i>	141	8.18	27.63	0.00	0.00	37.61	28.42	27.69	0.00	0.00	7.05	19.98	0.00	0.00	30.08	31.95	26.85	0.00	0.00
<i>S. equorum</i>	142	10.87	37.89	2.11	0.00	60.60	26.26	27.63	0.00	0.00	6.95	21.16	0.00	0.00	32.85	29.21	26.91	0.00	0.00
<i>S. equorum</i>	143	9.50	31.49	3.08	0.00	43.02	27.29	29.75	0.00	0.00	6.24	23.82	0.00	0.00	36.28	29.24	28.61	0.00	0.00
<i>S. equorum</i>	146	5.32	17.79	0.00	0.00	25.00	26.44	27.81	0.00	0.00	6.92	18.22	0.00	0.00	31.99	30.35	27.59	0.00	0.00
<i>S. equorum</i>	147	9.10	25.91	1.66	0.00	34.47	35.12	28.34	0.00	0.00	4.87	13.82	0.00	0.00	22.46	35.19	25.42	0.00	0.00
<i>S. equorum</i>	148	9.13	28.39	0.00	0.00	42.36	27.53	27.72	0.00	0.00	7.41	19.84	0.00	0.00	31.64	31.50	25.76	0.00	0.00
<i>S. equorum</i>	149	12.15	39.64	4.09	0.00	53.81	31.61	30.85	0.00	0.00	6.28	18.36	0.00	0.00	30.18	32.29	24.80	0.00	0.00
<i>S. equorum</i>	150	6.95	23.74	0.00	0.00	37.27	27.32	27.41	0.00	0.00	4.96	14.34	0.00	0.00	20.88	27.98	25.28	0.00	0.00
<i>S. equorum</i>	151	11.48	39.78	2.99	0.00	64.14	29.62	30.35	0.00	0.00	6.98	20.70	0.00	0.00	28.84	27.69	26.21	0.00	0.00
<i>S. equorum</i>	156	12.11	37.11	5.59	0.00	59.96	29.83	28.84	0.00	0.00	5.92	18.90	0.00	0.00	31.99	28.65	24.79	0.00	0.00
<i>S. equorum</i>	160	8.67	24.72	0.00	0.00	34.06	33.63	28.29	0.00	0.00	5.61	15.39	0.00	0.00	30.33	34.25	24.72	0.00	0.00
<i>S. equorum</i>	163	13.38	45.26	5.14	0.00	68.62	34.13	31.00	0.00	0.00	7.73	21.58	0.00	0.00	40.73	34.30	25.82	0.00	0.00

<i>S. equorum</i>	164	9.81	28.68	0.54	0.00	44.44	31.88	29.75	0.00	0.00	6.83	21.42	0.00	0.00	32.43	43.25	29.90	0.00	0.00
<i>S. equorum</i>	166	8.44	32.70	1.54	0.00	50.86	26.42	27.38	0.00	0.00	9.01	28.53	0.00	0.00	50.00	29.41	26.41	0.00	0.00
<i>S. equorum</i>	169	7.26	21.47	0.00	0.00	30.55	29.84	27.33	0.00	0.00	6.80	24.41	0.00	0.00	38.02	32.04	26.73	0.00	0.00
<i>S. equorum</i>	171	8.42	25.52	1.77	0.00	33.62	29.68	25.77	0.00	0.00	6.55	15.35	0.00	0.00	24.82	28.08	22.42	0.00	0.00
<i>S. equorum</i>	172	8.40	22.04	0.00	0.00	31.66	27.78	26.24	0.00	0.00	5.17	16.32	0.00	0.00	31.73	29.29	24.51	0.00	0.00
<i>S. equorum</i>	173	12.34	38.55	2.64	0.00	56.76	29.18	29.32	0.00	0.00	8.12	26.35	0.00	0.00	38.30	28.33	25.32	0.00	0.00
<i>S. equorum</i>	175	6.81	20.64	0.00	0.00	30.65	31.05	26.50	0.00	0.00	7.66	29.14	0.00	0.00	40.54	38.49	26.25	0.00	0.00
<i>S. equorum</i>	176	11.95	39.18	6.09	0.00	56.44	26.65	31.40	0.00	0.00	8.78	28.41	0.00	0.00	42.47	28.29	26.59	0.00	0.00
<i>S. equorum</i>	178	7.21	20.91	0.00	0.00	23.68	26.67	28.88	0.00	0.00	4.84	19.25	0.00	0.00	31.60	27.17	26.00	0.00	0.00
<i>S. equorum</i>	181	8.15	31.75	0.00	0.00	43.60	28.05	28.03	0.00	0.00	8.42	20.91	0.00	0.00	35.43	28.32	25.63	0.00	0.00
<i>S. equorum</i>	182	8.11	27.93	0.00	0.00	42.12	38.05	29.42	0.00	0.00	6.27	20.64	0.00	0.00	38.19	36.91	26.10	0.00	0.00
<i>S. equorum</i>	184	9.52	18.07	0.00	307.97	25.56	23.10	28.66	1.00	7209.69	10.29	24.18	0.00	807.62	36.11	31.26	25.26	8.97	9417.76
<i>S. equorum</i>	187	8.01	23.77	12.29	0.00	37.96	34.70	27.45	0.00	0.00	5.01	23.10	21.30	0.00	35.26	38.56	25.69	0.00	0.00
<i>S. equorum</i>	189	18.73	54.00	7.19	139.90	95.75	18.61	30.04	0.00	8373.88	12.65	25.83	0.00	417.24	43.24	25.53	23.76	3.53	9969.74
<i>S. equorum</i>	190	12.46	30.01	1.50	155.97	45.32	11.91	29.31	0.00	7426.63	12.71	23.94	0.00	711.63	37.47	20.07	25.12	6.34	7813.24
<i>S. equorum</i>	191	16.25	36.43	5.24	166.88	50.52	11.49	28.44	0.00	8251.17	14.04	29.10	0.00	713.43	47.39	19.87	25.51	6.44	8312.85
<i>S. equorum</i>	192	9.87	26.14	2.01	437.39	36.17	31.96	25.53	89.80	80.92	7.40	22.80	0.00	970.32	36.86	34.10	24.22	191.57	163.52
<i>S. equorum</i>	196	8.05	24.98	0.00	0.00	31.40	24.14	26.68	0.00	0.00	7.06	19.08	0.00	0.00	31.70	25.69	23.21	0.00	0.00
<i>S. equorum</i>	197	7.59	28.61	0.00	0.00	40.06	26.93	27.88	0.00	0.00	6.10	16.36	0.00	0.00	24.45	29.44	25.56	0.00	0.00
<i>S. equorum</i>	199	9.81	34.66	2.34	0.00	58.14	31.01	29.50	0.00	0.00	6.80	20.05	0.00	0.00	34.37	29.15	23.92	0.00	0.00
<i>S. equorum</i>	202	7.70	22.69	0.00	0.00	31.89	25.13	26.10	0.00	0.00	6.14	18.04	0.00	0.00	29.56	26.50	24.18	0.00	0.00
<i>S. equorum</i>	205	59.66	27.82	2.81	0.00	38.23	22.43	28.65	0.00	0.00	81.28	16.08	0.00	0.00	24.97	24.93	25.44	0.00	0.00
<i>S. equorum</i>	208	7.72	22.84	0.00	0.00	31.86	23.12	25.81	0.00	0.00	8.38	29.47	0.00	0.00	50.11	28.16	27.31	0.00	0.00
<i>S. equorum</i>	210	8.33	27.52	0.00	0.00	36.52	29.16	28.04	0.00	0.00	9.96	30.98	0.00	0.00	44.26	33.53	28.90	0.00	0.00
<i>S. equorum</i>	211	13.05	46.75	3.36	0.00	77.62	30.97	30.15	0.00	0.00	9.85	22.03	0.00	0.00	38.65	33.49	27.42	0.00	0.00
<i>S. equorum</i>	217	10.57	24.20	0.20	0.00	36.35	25.36	27.37	0.00	0.00	8.20	21.16	0.00	0.00	35.07	26.78	25.46	0.00	0.00
<i>S. equorum</i>	219	10.97	23.25	0.43	0.00	37.97	28.64	26.55	0.00	0.00	9.40	26.88	0.00	0.00	46.10	32.31	25.54	0.00	0.00
<i>S. equorum</i>	221	9.31	23.16	1.46	0.00	38.62	28.93	27.62	0.00	0.00	8.55	25.97	0.00	0.00	45.14	30.83	26.22	0.00	0.00
<i>S. equorum</i>	223	9.01	16.84	0.00	0.00	23.14	28.88	27.09	0.00	0.00	5.02	18.27	0.00	0.00	29.20	36.03	27.48	0.00	0.00
<i>S. equorum</i>	225	9.28	14.15	0.00	0.00	26.96	24.87	26.11	0.00	0.00	6.76	24.59	0.00	0.00	37.21	30.82	26.09	0.00	0.00

<i>S. equorum</i>	226	9.69	13.74	1.28	147.51	24.95	21.13	27.37	0.00	5699.61	7.81	17.53	0.00	303.71	20.78	29.91	25.80	1.36	7821.53
<i>S. equorum</i>	227	8.22	19.35	0.00	0.00	31.31	25.64	26.06	0.00	0.00	9.67	25.49	0.00	0.00	42.07	32.29	26.75	0.00	0.00
<i>S. equorum</i>	231	10.18	21.81	0.00	0.00	38.76	32.49	26.21	0.00	0.00	6.04	17.71	0.00	0.00	32.27	33.46	24.75	0.00	0.00
<i>S. equorum</i>	232	6.96	20.04	0.00	0.00	30.72	28.53	26.79	0.00	0.00	5.40	14.98	0.00	0.00	24.74	31.33	26.34	0.00	0.00
<i>S. equorum</i>	233	10.53	18.77	0.26	303.71	28.37	18.56	25.79	0.60	5896.18	9.39	21.73	0.00	696.81	35.65	27.44	24.66	6.93	9953.28
<i>S. equorum</i>	235	8.71	15.99	0.00	0.00	27.66	25.42	42.03	0.00	0.00	6.65	22.04	0.00	0.00	36.73	29.82	25.81	0.00	0.00
<i>S. equorum</i>	236	7.99	20.34	0.00	0.00	25.09	31.89	37.55	0.00	0.00	5.12	19.88	0.00	0.00	29.11	36.37	25.51	0.00	0.00
<i>S. equorum</i>	239	6.66	15.64	0.00	0.00	20.41	24.62	29.46	0.00	0.00	5.44	16.70	0.00	0.00	27.61	27.41	24.79	0.00	0.00
<i>S. equorum</i>	245	8.45	22.28	0.00	0.00	32.26	19.83	27.18	0.00	0.00	6.30	17.10	0.00	0.00	32.44	22.51	23.87	0.00	0.00
<i>S. equorum</i>	250	7.29	17.15	0.00	0.00	23.77	27.51	27.60	0.00	0.00	9.00	26.98	0.00	0.00	50.21	31.94	26.43	0.00	0.00
<i>S. equorum</i>	252	7.04	15.15	0.00	0.00	20.20	26.96	26.75	0.00	0.00	6.97	21.48	0.00	0.00	37.31	30.41	25.02	0.00	0.00
<i>S. equorum</i>	256	8.49	19.44	0.65	230.96	29.79	15.49	25.76	0.00	6388.21	11.53	25.86	0.00	457.31	47.80	26.57	24.37	2.95	9388.43
<i>S. equorum</i>	257	5.60	11.63	0.00	0.00	19.14	22.05	25.24	0.00	0.00	5.74	11.89	0.00	0.00	18.32	27.80	23.62	0.00	0.00
<i>S. equorum</i>	260	65.55	22.97	1.18	0.00	32.41	20.17	28.00	0.00	0.00	109.99	24.81	0.00	0.00	39.88	23.94	25.16	0.00	0.00
<i>S. equorum</i>	263	9.41	17.58	0.00	0.00	26.12	26.71	26.97	0.00	0.00	5.07	17.39	0.00	0.00	26.77	29.34	24.57	0.00	0.00
<i>S. equorum</i>	265	7.82	11.16	0.00	0.00	18.11	26.72	27.63	0.00	0.00	6.66	18.60	0.00	0.00	30.25	30.39	24.94	0.00	0.00
<i>S. equorum</i>	267	7.90	17.54	0.00	0.00	28.45	24.54	25.11	0.00	0.00	3.78	10.22	0.00	0.00	20.75	27.63	23.50	0.00	0.00
<i>S. equorum</i>	268	12.12	32.86	2.89	0.00	46.38	28.92	29.31	0.00	0.00	8.86	30.02	0.00	0.00	48.93	30.54	26.05	0.00	0.00
<i>S. equorum</i>	270	9.33	23.19	0.00	0.00	37.51	31.00	28.30	0.00	0.00	8.36	25.29	0.00	0.00	43.02	39.41	27.92	0.00	0.00
<i>S. equorum</i>	271	11.72	23.33	0.00	0.00	34.16	25.26	27.56	0.00	0.00	8.05	22.26	0.00	0.00	30.65	32.83	26.07	0.00	0.00
<i>S. equorum</i>	273	8.03	22.81	0.00	0.00	35.40	21.89	27.65	0.00	0.00	6.45	15.02	0.00	0.00	27.93	25.23	24.60	0.00	0.00
<i>S. equorum</i>	274	12.01	26.42	0.00	0.00	36.62	28.80	27.99	0.00	0.00	8.09	23.07	0.00	0.00	33.84	34.96	25.79	0.00	0.00
<i>S. equorum</i>	277	8.48	22.50	0.00	0.00	27.34	24.38	26.86	0.00	0.00	6.91	24.23	0.00	0.00	39.93	28.63	25.58	0.00	0.00
<i>S. equorum</i>	278	14.99	30.54	3.34	178.00	48.91	20.01	28.04	0.00	7061.88	7.68	13.69	0.00	309.54	26.79	29.88	23.90	1.51	8234.05
<i>S. equorum</i>	280	13.91	30.95	0.00	0.00	44.69	36.96	27.91	0.00	0.00	6.28	18.19	0.00	0.00	32.51	34.70	23.95	0.00	0.00
<i>S. equorum</i>	281	9.17	21.26	0.00	0.00	29.69	26.79	26.80	0.00	0.00	6.69	20.59	0.00	0.00	31.54	29.33	25.82	0.00	0.00
<i>S. equorum</i>	282	10.24	21.28	0.00	0.00	31.56	25.43	28.67	0.00	0.00	7.03	19.68	0.00	0.00	29.49	28.85	25.46	0.00	0.00
<i>S. equorum</i>	284	13.83	25.78	2.35	206.72	42.34	14.94	27.12	0.00	7331.58	8.91	13.63	0.00	311.71	23.36	26.96	22.59	1.61	7780.32
<i>S. equorum</i>	295	7.27	20.18	0.00	0.00	32.00	28.97	27.92	0.00	0.00	4.64	19.17	0.00	0.00	33.69	29.57	24.39	0.00	0.00
<i>S. equorum</i>	296	10.15	25.99	0.00	0.00	35.44	28.38	27.99	0.00	0.00	4.14	16.89	0.00	0.00	29.82	27.26	24.80	0.00	0.00

<i>S. equorum</i>	298	8.45	23.79	0.00	0.00	26.77	27.36	27.61	0.00	0.00	5.77	23.02	0.00	0.00	29.53	30.52	24.43	0.00	0.00
<i>S. equorum</i>	300	11.13	29.87	0.27	0.00	44.75	35.88	27.16	0.00	0.00	4.81	12.89	0.00	0.00	27.44	39.85	26.36	0.00	0.00
<i>S. equorum</i>	306	6.77	20.01	0.00	0.00	26.37	25.45	26.32	0.00	0.00	9.79	31.68	0.00	0.00	46.13	35.10	28.47	0.00	0.00
<i>S. equorum</i>	313	7.70	17.93	0.00	0.00	27.09	26.70	26.39	0.00	0.00	5.28	11.60	0.00	0.00	19.85	33.10	54.56	0.00	0.00
<i>S. equorum</i>	314	9.31	18.47	0.00	0.00	28.26	26.45	27.15	0.00	0.00	8.01	27.40	0.00	0.00	41.71	36.05	53.03	0.00	0.00
<i>S. equorum</i>	315	7.96	22.25	0.00	0.00	30.52	26.79	25.64	0.00	0.00	7.11	19.29	0.00	0.00	32.59	36.58	47.29	0.00	0.00
<i>S. equorum</i>	316	11.43	32.16	0.00	0.00	50.18	29.37	28.31	0.00	0.00	6.15	12.73	0.00	0.00	21.61	31.57	37.31	0.00	0.00
<i>S. equorum</i>	317	7.04	14.52	0.00	0.00	18.47	27.16	27.21	0.00	0.00	4.30	11.29	0.00	0.00	21.51	30.29	34.52	0.00	0.00
<i>S. equorum</i>	318	8.27	17.42	0.00	0.00	23.73	26.38	26.67	0.00	0.00	6.19	18.80	0.00	0.00	28.71	32.01	33.61	0.00	0.00
<i>S. equorum</i>	321	11.69	25.88	0.00	0.00	38.70	28.85	28.12	0.00	0.00	7.01	18.30	0.00	0.00	29.19	31.92	31.69	0.00	0.00
<i>S. equorum</i>	322	9.43	21.69	0.00	0.00	30.27	26.72	27.15	0.00	0.00	6.04	13.41	0.00	0.00	22.30	31.22	30.87	0.00	0.00
<i>S. equorum</i>	323	9.23	28.17	2.27	0.00	39.70	27.24	27.75	0.00	0.00	4.87	9.24	0.00	0.00	19.61	27.82	28.49	0.00	0.00
<i>S. equorum</i>	325	9.53	20.89	0.31	0.00	31.01	29.77	28.37	0.00	0.00	3.94	10.01	0.00	0.00	20.32	34.16	30.37	0.00	0.00
<i>S. equorum</i>	327	7.14	18.30	0.00	0.00	19.97	27.04	26.43	0.00	0.00	4.23	12.02	0.00	0.00	18.02	38.50	30.88	0.00	0.00
<i>S. fleuretti</i>	47	7.93	28.85	1.88	0.00	44.57	28.05	30.20	0.00	0.00	10.42	18.94	0.00	0.00	34.48	35.26	29.58	0.00	0.00
<i>S. haemolyticus</i>	49	11.79	32.27	2.43	0.00	42.82	33.89	28.73	0.00	0.00	10.98	23.39	0.00	0.00	34.24	40.92	268.97	0.00	0.00
<i>S. haemolyticus</i>	51	12.09	37.50	3.18	0.00	52.82	36.41	29.17	0.00	0.00	7.44	18.19	0.00	0.00	27.57	39.38	36.03	0.00	0.00
<i>S. hominis</i>	53	9.22	36.48	4.75	0.00	50.69	33.88	29.00	0.00	0.00	9.09	16.55	0.00	0.00	28.25	35.90	28.11	0.00	0.00
<i>S. lugdunensis</i>	92	282.80	44901.89	767.09	0.00	1732.01	31.22	28.36	0.00	0.00	394.37	52105.13	903.26	0.00	1678.58	36.81	27.06	0.00	0.00
<i>S. pasteurii</i>	55	8.72	31.25	1.29	0.00	40.66	31.39	28.46	0.00	0.00	10.11	26.00	0.00	0.00	38.86	32.70	28.11	0.00	0.00
<i>S. pasteurii</i>	56	9.81	30.19	0.00	0.00	39.51	33.69	28.09	0.00	0.00	8.05	19.26	0.00	0.00	30.06	35.92	28.14	0.00	0.00
<i>S. pasteurii</i>	57	14.40	44.59	3.83	0.00	66.23	37.77	30.64	0.00	0.00	7.81	21.84	0.00	0.00	33.81	37.16	28.51	0.00	0.00
<i>S. pasteurii</i>	96	12.54	39.49	3.59	0.00	49.15	28.44	28.22	0.00	0.00	9.40	24.00	0.00	0.00	34.47	30.38	26.48	0.00	0.00
<i>S. pasteurii</i>	222	13.13	31.99	2.60	0.00	47.61	30.12	29.12	0.00	0.00	4.84	18.28	0.00	0.00	20.73	30.06	26.62	0.00	0.00
<i>S. saprophyticus</i>	4	8.50	36.48	1.56	0.00	43.58	24.04	28.59	0.00	0.00	7.34	20.44	0.00	0.00	31.58	22.42	27.16	0.00	0.00
<i>S. saprophyticus</i>	34	8.74	22.48	0.00	0.00	30.62	27.94	27.60	0.00	0.00	7.40	22.80	0.00	0.00	35.76	24.83	25.20	0.00	0.00
<i>S. saprophyticus</i>	37	11.96	38.55	5.66	0.00	57.15	26.32	28.25	0.00	0.00	8.06	20.52	0.00	0.00	36.46	24.42	25.01	0.00	0.00
<i>S. saprophyticus</i>	40	5.93	20.51	0.00	0.00	29.36	22.86	27.21	0.00	0.00	7.81	24.04	0.00	0.00	33.80	22.33	25.76	0.00	0.00
<i>S. saprophyticus</i>	54	8.96	22.85	0.00	0.00	35.49	29.70	25.04	0.00	0.00	8.42	18.82	0.00	0.00	33.16	31.99	26.42	0.00	0.00
<i>S. saprophyticus</i>	58	13.04	50.63	4.69	0.00	82.84	20.23	30.26	0.00	0.00	9.61	21.67	0.00	0.00	32.30	21.18	26.37	0.00	0.00

<i>S. saprophyticus</i>	59	8.08	27.70	0.94	0.00	36.53	15.88	27.30	0.00	0.00	6.78	18.17	0.00	0.00	31.41	14.99	24.53	0.00	0.00
<i>S. saprophyticus</i>	61	7.74	28.61	0.00	0.00	44.86	28.13	26.82	0.00	0.00	8.26	23.61	0.00	0.00	35.36	28.76	25.32	0.00	0.00
<i>S. saprophyticus</i>	62	7.99	23.01	0.00	0.00	33.80	14.30	26.59	0.00	0.00	5.76	21.21	0.00	0.00	32.32	17.74	26.05	0.00	0.00
<i>S. saprophyticus</i>	63	7.12	20.63	0.00	0.00	31.45	14.93	26.72	0.00	0.00	8.53	19.03	0.00	0.00	31.29	14.64	23.25	0.00	0.00
<i>S. saprophyticus</i>	64	7.03	21.71	0.00	0.00	26.90	13.05	25.43	0.00	0.00	6.85	24.04	0.00	0.00	35.96	16.63	25.24	0.00	0.00
<i>S. saprophyticus</i>	65	10.12	27.97	1.23	0.00	38.41	19.84	26.76	0.00	0.00	8.71	21.75	0.00	0.00	35.89	20.07	25.75	0.00	0.00
<i>S. saprophyticus</i>	73	8.23	27.02	0.00	0.00	38.10	18.30	27.19	0.00	0.00	6.78	20.38	0.00	0.00	36.15	23.00	26.45	0.00	0.00
<i>S. saprophyticus</i>	91	11.91	41.67	2.44	0.00	59.70	17.73	26.68	0.00	0.00	4.03	5.46	0.00	0.00	12.89	21.02	24.51	0.00	0.00
<i>S. saprophyticus</i>	114	8.84	33.03	0.00	0.00	50.55	25.89	27.39	0.00	0.00	7.12	21.58	0.00	0.00	33.12	22.10	25.41	0.00	0.00
<i>S. saprophyticus</i>	115	10.05	362.22	2.10	0.00	44.91	35.73	28.56	0.00	0.00	5.85	390.88	0.00	0.00	27.42	35.04	24.66	0.00	0.00
<i>S. saprophyticus</i>	117	95.67	24.40	0.00	0.00	16.43	25.44	54.22	0.00	0.00	119.01	2.25	0.00	0.00	0.00	21.92	22.24	0.00	0.00
<i>S. saprophyticus</i>	157	7.69	24.03	0.00	0.00	36.64	33.71	28.82	0.00	0.00	10.39	32.47	0.00	0.00	56.95	43.81	32.67	0.00	0.00
<i>S. saprophyticus</i>	185	12.62	35.57	0.00	0.00	49.67	28.56	28.78	0.00	0.00	4.55	15.97	0.00	0.00	21.92	24.63	24.60	0.00	0.00
<i>S. saprophyticus</i>	188	59.54	26.78	1.08	0.00	21.91	25.30	24.09	0.00	0.00	106.23	6.75	0.00	0.00	0.00	23.69	21.80	0.00	0.00
<i>S. saprophyticus</i>	220	11.95	32.36	0.00	0.00	48.54	18.71	25.32	0.00	0.00	4.37	18.77	0.00	0.00	27.43	21.30	24.78	0.00	0.00
<i>S. saprophyticus</i>	230	9.79	20.25	0.00	0.00	32.28	24.11	25.21	0.00	0.00	11.82	31.11	0.00	0.00	49.10	26.36	24.65	0.00	0.00
<i>S. saprophyticus</i>	234	8.62	21.05	0.00	0.00	18.51	36.11	65.12	0.00	0.00	0.00	7.29	0.00	0.00	0.00	33.10	22.57	0.00	0.00
<i>S. saprophyticus</i>	241	8.52	19.67	0.00	0.00	23.52	16.80	26.04	0.00	0.00	9.74	32.78	0.00	0.00	43.20	18.94	25.50	0.00	0.00
<i>S. saprophyticus</i>	243	7.57	14.91	0.00	0.00	21.87	15.52	26.50	0.00	0.00	9.24	30.59	0.00	0.00	56.52	17.62	26.24	0.00	0.00
<i>S. saprophyticus</i>	247	17.55	43.54	0.00	0.00	73.18	36.12	33.28	0.00	0.00	8.49	25.64	0.00	0.00	36.38	35.11	25.90	0.00	0.00
<i>S. saprophyticus</i>	276	9.97	24.20	2.07	154.10	30.23	11.30	25.96	0.00	6983.45	7.80	18.93	0.00	283.97	15.97	20.86	22.55	1.11	8578.95
<i>S. saprophyticus</i>	285	13.32	34.55	0.34	0.00	50.15	19.03	26.84	0.00	0.00	9.33	28.80	0.00	0.00	46.84	21.18	24.38	0.00	0.00
<i>S. saprophyticus</i>	286	9.40	16.85	0.00	0.00	23.90	25.59	26.61	0.00	0.00	7.37	20.91	0.00	0.00	28.68	28.11	24.34	0.00	0.00
<i>S. saprophyticus</i>	304	11.56	26.43	0.00	0.00	37.76	33.81	28.64	0.00	0.00	8.95	26.44	0.00	0.00	47.02	42.63	29.46	0.00	0.00
<i>S. saprophyticus</i>	311	7.94	17.85	0.00	0.00	26.94	16.65	25.81	0.00	0.00	9.54	18.63	0.00	0.00	33.73	32.91	116.98	0.00	0.00
<i>S. saprophyticus</i>	328	9.42	25.08	0.00	0.00	38.61	23.01	27.99	0.00	0.00	7.94	17.78	0.00	0.00	28.42	26.81	29.88	0.00	0.00
<i>S. saprophyticus</i>	329	9.42	16.29	0.00	0.00	23.26	15.46	25.27	0.00	0.00	6.35	17.08	0.00	0.00	24.99	18.61	26.95	0.00	0.00
<i>S. sciuri</i>	70	9.54	28.04	0.34	0.00	41.11	31.65	27.84	0.00	0.00	5.09	16.67	0.00	0.00	26.56	37.18	26.55	0.00	0.00
<i>S. sciuri</i>	72	7.47	25.74	0.00	0.00	35.16	33.73	27.87	0.00	0.00	6.84	18.92	0.00	0.00	31.92	42.74	29.05	0.00	0.00
<i>S. sciuri</i>	144	8.88	33.56	2.41	0.00	57.71	30.41	29.53	0.00	0.00	5.54	15.71	0.00	0.00	29.85	46.46	29.73	0.00	0.00

<i>S. simulans</i>	66	6.22	26.48	0.00	0.00	31.57	34.20	27.22	0.00	0.00	7.47	28.45	0.00	0.00	36.62	40.06	25.72	0.00	0.00
<i>S. simulans</i>	95	11.87	50.35	2.42	0.00	56.45	39.41	29.62	0.00	0.00	8.23	30.70	0.00	0.00	33.39	44.40	27.50	0.00	0.00
<i>S. simulans</i>	229	6.63	16.03	0.00	0.00	20.96	23.18	25.55	0.00	0.00	7.10	21.34	0.00	0.00	38.90	26.58	24.75	0.00	0.00
<i>S. succinus</i>	67	10.54	29.45	2.91	0.00	42.99	27.54	28.84	0.00	0.00	6.94	19.68	0.00	0.00	30.70	29.93	26.65	0.00	0.00
<i>S. succinus</i>	68	6.83	20.68	0.00	0.00	27.54	24.90	26.83	0.00	0.00	6.05	14.37	0.00	0.00	25.26	26.27	26.78	0.00	0.00
<i>S. succinus</i>	69	8.21	31.25	4.10	0.00	43.05	24.99	29.00	0.00	0.00	10.07	21.48	0.00	0.00	35.54	23.39	26.13	0.00	0.00
<i>S. succinus</i>	89	9.09	30.96	1.16	0.00	34.68	26.48	27.20	0.00	0.00	6.40	18.55	0.00	0.00	34.97	28.11	25.55	0.00	0.00
<i>S. vitulinus</i>	261	15.65	23.64	1.99	169.21	41.98	19.72	27.94	0.00	6848.97	9.55	21.25	0.00	314.48	36.12	28.53	24.88	2.06	9104.06
<i>S. warneri</i>	74	7.64	19.39	0.00	0.00	27.90	34.78	28.88	0.00	0.00	9.92	23.36	0.00	0.00	40.47	38.65	27.95	0.00	0.00
<i>S. warneri</i>	90	9.07	31.10	0.94	0.00	41.09	29.54	27.45	0.00	0.00	9.47	19.53	0.00	0.00	36.12	29.97	26.37	0.00	0.00
<i>S. warneri</i>	112	9.45	32.91	1.97	0.00	44.34	31.56	26.92	0.00	0.00	9.55	22.09	0.00	0.00	39.72	29.97	26.27	0.00	0.00
<i>S. warneri</i>	113	7.76	26.03	1.38	0.00	35.88	28.15	26.96	0.00	0.00	7.84	17.67	0.00	0.00	31.77	29.14	25.72	0.00	0.00
<i>S. xylosus</i>	76	8.26	28.79	0.61	0.00	43.20	28.60	26.01	0.00	0.00	7.65	18.70	0.00	0.00	33.80	31.30	23.66	0.00	0.00
<i>S. xylosus</i>	77	5.88	26.22	1.55	0.00	38.98	31.93	26.20	0.00	0.00	5.76	13.39	0.00	0.00	26.60	32.99	24.78	0.00	0.00
<i>S. xylosus</i>	78	9.64	32.19	2.71	0.00	48.85	31.37	26.37	0.00	0.00	6.40	9.97	0.00	0.00	18.76	31.34	24.05	0.00	0.00
<i>S. xylosus</i>	79	10.48	29.01	1.12	0.00	39.49	30.57	26.73	0.00	0.00	7.14	14.94	0.00	0.00	28.12	30.25	22.84	0.00	0.00
<i>S. xylosus</i>	80	9.03	28.42	0.00	0.00	43.09	29.28	25.76	0.00	0.00	5.93	10.60	0.00	0.00	24.14	30.37	22.60	0.00	0.00
<i>S. xylosus</i>	81	8.22	26.67	1.43	0.00	40.63	23.91	24.43	0.00	0.00	3.00	8.79	0.00	0.00	15.35	24.76	22.61	0.00	0.00
<i>S. xylosus</i>	82	5.54	18.12	0.00	0.00	25.79	23.27	24.01	0.00	0.00	5.31	13.66	0.00	0.00	26.71	24.59	22.59	0.00	0.00
<i>S. xylosus</i>	83	12.03	39.50	6.22	0.00	54.55	34.23	27.00	0.00	0.00	7.13	13.50	0.00	0.00	24.65	33.19	24.98	0.00	0.00
<i>S. xylosus</i>	84	10.07	31.98	4.49	0.00	46.96	28.33	24.13	0.00	0.00	3.96	13.29	0.00	0.00	22.18	29.31	22.53	0.00	0.00
<i>S. xylosus</i>	85	9.46	25.34	0.00	0.00	31.43	26.45	24.92	0.00	0.00	7.52	13.82	0.00	0.00	21.90	30.17	23.12	0.00	0.00
<i>S. xylosus</i>	86	10.01	33.84	1.64	0.00	44.02	29.16	25.92	0.00	0.00	3.75	10.79	0.00	0.00	22.86	28.77	22.04	0.00	0.00
<i>S. xylosus</i>	87	6.33	28.62	0.62	0.00	38.89	26.56	24.84	0.00	0.00	7.16	12.06	0.00	0.00	30.28	25.99	23.26	0.00	0.00
<i>S. xylosus</i>	88	8.18	23.22	0.00	0.00	30.82	26.45	26.03	0.00	0.00	7.76	12.93	0.00	0.00	20.61	28.11	23.19	0.00	0.00
<i>S. xylosus</i>	102	4.68	19.68	0.00	0.00	30.40	25.73	24.37	0.00	0.00	7.49	13.85	0.00	0.00	23.23	27.91	23.94	0.00	0.00
<i>S. xylosus</i>	103	9.38	28.61	1.09	0.00	34.41	27.94	25.66	0.00	0.00	6.81	14.18	0.00	0.00	23.50	28.29	22.60	0.00	0.00
<i>S. xylosus</i>	104	9.50	31.25	0.35	0.00	48.65	28.40	25.24	0.00	0.00	8.41	13.29	0.00	0.00	24.59	29.14	22.84	0.00	0.00
<i>S. xylosus</i>	105	9.88	28.73	1.80	0.00	37.69	30.60	26.44	0.00	0.00	7.34	11.71	0.00	0.00	23.41	29.14	22.19	0.00	0.00
<i>S. xylosus</i>	106	7.49	21.38	0.00	0.00	27.60	26.41	23.48	0.00	0.00	7.28	18.73	0.00	0.00	33.60	28.87	22.97	0.00	0.00

<i>S. xylosus</i>	109	10.15	35.18	2.67	0.00	47.82	21.04	25.85	0.00	0.00	5.67	19.91	0.00	0.00	30.33	24.53	25.43	0.00	0.00
<i>S. xylosus</i>	111	9.98	32.98	1.04	0.00	45.52	36.12	29.82	0.00	0.00	8.06	23.39	0.00	0.00	36.45	36.11	25.77	0.00	0.00
<i>S. xylosus</i>	125	15.75	42.35	8.35	204.80	113.14	11.70	35.61	0.10	17044.02	10.31	16.16	0.00	649.85	25.88	20.51	43.50	4.97	6908.38
<i>S. xylosus</i>	128	198.39	1971.56	20.77	408.11	17126.80	14.55	24.68	0.00	0.00	7.05	1937.27	24.52	554.09	27873.75	16.64	32.50	0.00	0.00
<i>S. xylosus</i>	335	8.04	19.44	0.00	0.00	23.45	25.30	24.15	0.00	0.00	6.80	11.44	0.00	0.00	15.22	28.11	26.44	0.00	0.00
<i>S. xylosus</i>	121	0.00	0.00	0.00	0.00	0.00	8.32	18.19	0.00	0.00	3.83	100.28	0.00	0.00	23.90	35.07	23.86	0.00	0.00
<i>S. xylosus</i>	123	74.37	28.13	0.38	0.00	37.69	19.46	28.96	0.00	0.00	161.13	21.28	3.07	0.00	38.44	40.70	96.23	0.00	0.00
<i>S. xylosus</i>	129	6.63	18.41	0.00	0.00	46.27	25.72	24.13	0.00	0.00	7.43	25.01	0.00	0.00	368.56	27.96	29.30	0.00	0.00
<i>S. xylosus</i>	130	12.33	35.73	2.09	0.00	55.08	29.12	26.96	0.00	0.00	5.78	11.47	0.00	0.00	44.44	28.76	28.04	0.00	0.00
<i>S. xylosus</i>	132	14.42	40.77	3.81	166.82	51.77	27.00	27.15	0.00	7809.67	10.42	12.78	0.00	400.37	21.49	27.78	25.60	2.76	7884.06
<i>S. xylosus</i>	134	12.01	42.25	6.61	0.00	64.26	29.69	25.65	0.00	0.00	7.22	16.89	0.00	0.00	24.68	30.23	24.91	0.00	0.00
<i>S. xylosus</i>	135	8.35	25.56	0.00	0.00	37.70	27.95	25.61	0.00	0.00	6.66	14.51	0.00	0.00	28.12	29.44	25.00	0.00	0.00
<i>S. xylosus</i>	137	12.15	44.68	1.73	0.00	67.55	30.83	27.99	0.00	0.00	5.06	15.50	0.00	0.00	24.59	29.61	25.12	0.00	0.00
<i>S. xylosus</i>	145	12.71	50.98	5.68	0.00	76.22	30.73	31.86	0.00	0.00	6.95	16.25	0.00	0.00	31.00	31.09	28.10	0.00	0.00
<i>S. xylosus</i>	152	77.16	39.81	6.28	0.00	58.44	22.87	32.32	0.00	0.00	101.37	23.25	0.00	0.00	32.21	24.24	25.09	0.00	0.00
<i>S. xylosus</i>	154	10.95	20.80	2.27	0.00	27.57	11.85	22.34	0.00	0.00	4.18	4.30	0.00	0.00	0.00	18.25	22.15	0.00	0.00
<i>S. xylosus</i>	155	68.71	43.63	7.02	0.00	68.36	22.74	28.32	0.00	0.00	87.04	14.95	0.00	0.00	25.04	24.53	24.49	0.00	0.00
<i>S. xylosus</i>	158	8.39	24.58	1.42	0.00	34.99	29.39	25.98	0.00	0.00	2.35	7.11	0.00	0.00	13.09	29.07	23.97	0.00	0.00
<i>S. xylosus</i>	159	7.94	29.61	0.00	0.00	38.08	29.00	24.72	0.00	0.00	7.97	17.01	0.00	0.00	27.81	29.65	22.91	0.00	0.00
<i>S. xylosus</i>	161	8.20	24.85	0.00	0.00	38.84	29.22	26.02	0.00	0.00	5.15	16.25	0.00	0.00	26.59	31.07	24.41	0.00	0.00
<i>S. xylosus</i>	162	8.58	17.89	0.00	0.00	27.89	29.59	26.95	0.00	0.00	6.13	20.27	0.00	0.00	32.96	30.09	23.12	0.00	0.00
<i>S. xylosus</i>	165	12.62	35.08	5.79	0.00	59.54	31.83	28.16	0.00	0.00	5.03	9.76	0.00	0.00	17.97	34.67	26.11	0.00	0.00
<i>S. xylosus</i>	167	8.42	30.00	0.43	0.00	37.56	29.15	27.17	0.00	0.00	7.15	16.67	0.00	0.00	32.65	29.89	24.24	0.00	0.00
<i>S. xylosus</i>	170	7.75	28.48	0.00	0.00	36.14	28.02	25.48	0.00	0.00	8.97	18.77	0.00	0.00	31.84	30.08	23.56	0.00	0.00
<i>S. xylosus</i>	174	9.78	24.24	0.72	0.00	34.93	28.33	25.18	0.00	0.00	7.13	14.43	0.00	0.00	23.18	30.19	22.63	0.00	0.00
<i>S. xylosus</i>	177	8.02	21.30	0.00	0.00	37.05	26.91	28.86	0.00	0.00	7.03	23.94	0.00	0.00	38.41	24.04	26.63	0.00	0.00
<i>S. xylosus</i>	179	9.28	24.12	0.63	167.65	31.26	22.72	28.52	0.00	7371.61	12.78	30.60	0.00	365.84	52.85	31.03	26.47	2.09	10010.21
<i>S. xylosus</i>	180	8.35	28.69	0.00	0.00	42.57	35.40	30.74	0.00	0.00	5.47	24.37	0.00	0.00	30.14	36.81	26.00	0.00	0.00
<i>S. xylosus</i>	193	8.81	29.26	0.00	0.00	46.18	26.61	25.46	0.00	0.00	5.77	19.78	0.00	0.00	33.78	28.19	23.71	0.00	0.00
<i>S. xylosus</i>	194	7.08	19.22	0.00	0.00	28.42	26.02	24.77	0.00	0.00	7.86	20.48	0.00	0.00	33.87	28.31	22.48	0.00	0.00

<i>S. xylosus</i>	195	10.72	27.60	0.00	0.00	38.12	26.82	25.00	0.00	0.00	7.98	15.52	0.00	0.00	26.58	26.88	22.36	0.00	0.00
<i>S. xylosus</i>	198	12.32	43.75	1.38	0.00	65.20	29.94	26.31	0.00	0.00	6.36	14.90	0.00	0.00	23.38	28.28	22.78	0.00	0.00
<i>S. xylosus</i>	200	62.62	30.42	0.08	0.00	43.42	23.31	29.59	0.00	0.00	93.61	21.82	0.00	0.00	41.25	24.23	24.43	0.00	0.00
<i>S. xylosus</i>	201	8.67	21.67	0.43	0.00	34.46	25.45	26.30	0.00	0.00	10.96	24.54	0.00	0.00	41.50	29.12	23.80	0.00	0.00
<i>S. xylosus</i>	203	11.33	38.49	3.61	0.00	56.75	29.44	26.72	0.00	0.00	7.74	20.67	0.00	0.00	28.49	27.88	22.61	0.00	0.00
<i>S. xylosus</i>	204	7.08	23.10	0.00	0.00	30.20	25.21	26.43	0.00	0.00	7.78	29.24	0.00	0.00	44.15	29.75	27.57	0.00	0.00
<i>S. xylosus</i>	206	5.57	23.38	0.00	0.00	32.35	8.80	24.20	0.00	0.00	7.68	23.59	0.00	0.00	43.05	13.65	22.99	0.00	0.00
<i>S. xylosus</i>	207	10.76	27.88	1.25	0.00	39.81	26.52	24.74	0.00	0.00	5.94	12.91	0.00	0.00	23.61	26.26	24.37	0.00	0.00
<i>S. xylosus</i>	209	8.23	23.86	0.00	0.00	33.62	26.31	25.61	0.00	0.00	7.98	17.59	0.00	0.00	27.01	28.85	23.74	0.00	0.00
<i>S. xylosus</i>	212	8.70	28.74	0.00	0.00	36.70	30.36	28.79	0.00	0.00	6.88	16.83	0.00	0.00	26.04	29.47	24.18	0.00	0.00
<i>S. xylosus</i>	213	11.25	30.31	0.57	0.00	47.43	28.65	26.22	0.00	0.00	6.93	21.65	0.00	0.00	32.26	30.15	23.63	0.00	0.00
<i>S. xylosus</i>	214	9.91	19.99	0.00	0.00	31.09	25.04	25.63	0.00	0.00	7.53	23.37	0.00	0.00	37.02	29.36	25.75	0.00	0.00
<i>S. xylosus</i>	215	13.17	27.68	3.91	0.00	45.45	27.13	25.56	0.00	0.00	7.46	18.85	0.00	0.00	33.38	29.82	23.63	0.00	0.00
<i>S. xylosus</i>	216	8.26	22.25	0.00	0.00	33.53	27.02	25.32	0.00	0.00	9.60	29.16	0.00	0.00	51.11	31.28	25.06	0.00	0.00
<i>S. xylosus</i>	218	8.53	16.51	0.00	0.00	27.61	25.21	23.90	0.00	0.00	5.90	19.95	0.00	0.00	32.11	28.25	23.39	0.00	0.00
<i>S. xylosus</i>	224	69.56	28.78	4.58	0.00	42.59	22.27	28.87	0.00	0.00	82.54	18.74	0.00	0.00	34.08	26.25	25.56	0.00	0.00
<i>S. xylosus</i>	228	12.70	28.15	0.00	0.00	44.69	32.86	28.88	0.00	0.00	8.84	22.76	0.00	0.00	38.92	36.51	28.90	0.00	0.00
<i>S. xylosus</i>	238	9.36	20.08	0.07	0.00	27.39	27.14	29.91	0.00	0.00	11.44	26.21	0.00	0.00	49.79	34.63	27.22	0.00	0.00
<i>S. xylosus</i>	242	7.68	20.80	0.00	0.00	31.06	26.20	27.16	0.00	0.00	7.06	15.50	0.00	0.00	28.46	27.78	24.35	0.00	0.00
<i>S. xylosus</i>	244	8.16	20.00	0.00	0.00	31.84	25.44	26.20	0.00	0.00	6.38	13.68	0.00	0.00	21.71	27.15	23.69	0.00	0.00
<i>S. xylosus</i>	246	8.11	17.19	0.00	0.00	26.72	24.87	24.37	0.00	0.00	6.10	14.41	0.00	0.00	21.94	28.17	24.39	0.00	0.00
<i>S. xylosus</i>	249	10.86	24.90	0.00	0.00	34.77	27.38	26.40	0.00	0.00	8.00	18.47	0.00	0.00	30.52	30.13	24.00	0.00	0.00
<i>S. xylosus</i>	251	10.06	25.89	0.00	0.00	39.38	27.77	26.44	0.00	0.00	5.40	11.49	0.00	0.00	18.44	28.71	23.29	0.00	0.00
<i>S. xylosus</i>	253	8.62	21.67	0.00	0.00	30.27	26.48	25.58	0.00	0.00	7.34	15.73	0.00	0.00	26.17	29.90	23.25	0.00	0.00
<i>S. xylosus</i>	255	5.88	20.80	0.00	0.00	24.24	25.85	24.62	0.00	0.00	3.53	6.57	0.00	0.00	12.57	28.88	22.41	0.00	0.00
<i>S. xylosus</i>	258	13.28	29.54	0.00	0.00	48.46	28.56	26.78	0.00	0.00	3.10	13.33	0.00	0.00	21.03	27.15	21.57	0.00	0.00
<i>S. xylosus</i>	259	7.49	19.02	0.00	0.00	27.22	26.46	25.70	0.00	0.00	9.16	17.04	0.00	0.00	25.58	28.70	22.39	0.00	0.00
<i>S. xylosus</i>	262	7.11	14.83	0.00	0.00	24.13	25.35	25.10	0.00	0.00	3.88	11.74	0.00	0.00	22.20	27.66	22.59	0.00	0.00
<i>S. xylosus</i>	264	11.26	26.33	0.00	0.00	38.60	35.19	29.14	0.00	0.00	7.51	20.50	0.00	0.00	31.56	33.86	26.29	0.00	0.00
<i>S. xylosus</i>	266	4.53	11.81	0.00	0.00	15.30	25.33	24.57	0.00	0.00	6.06	16.70	0.00	0.00	24.64	29.46	23.14	0.00	0.00

<i>S. xylosus</i>	269	9.13	22.64	0.00	0.00	31.65	27.81	25.89	0.00	0.00	4.19	7.30	0.00	0.00	18.29	30.15	23.48	0.00	0.00
<i>S. xylosus</i>	272	11.31	29.33	0.56	0.00	39.99	29.59	26.34	0.00	0.00	8.14	18.01	0.00	0.00	26.19	29.81	23.09	0.00	0.00
<i>S. xylosus</i>	275	11.03	25.69	0.00	0.00	33.26	27.21	25.52	0.00	0.00	5.48	10.55	0.00	0.00	14.99	30.51	23.33	0.00	0.00
<i>S. xylosus</i>	279	9.03	17.41	0.00	0.00	24.19	24.37	23.33	0.00	0.00	5.12	13.21	0.00	0.00	17.67	28.28	22.79	0.00	0.00
<i>S. xylosus</i>	283	7.63	21.79	0.00	0.00	27.90	26.31	24.94	0.00	0.00	8.75	21.70	0.00	0.00	28.01	30.56	23.41	0.00	0.00
<i>S. xylosus</i>	287	8.69	20.93	0.00	0.00	30.69	26.85	24.91	0.00	0.00	5.35	10.75	0.00	0.00	20.98	28.16	22.44	0.00	0.00
<i>S. xylosus</i>	289	7.27	16.03	0.00	0.00	21.75	23.99	24.78	0.00	0.00	4.35	8.53	0.00	0.00	13.33	26.92	24.45	0.00	0.00
<i>S. xylosus</i>	290	3.94	5.77	0.00	0.00	3.10	24.33	23.45	0.00	0.00	7.84	22.60	0.00	0.00	35.55	29.01	22.44	0.00	0.00
<i>S. xylosus</i>	292	9.64	24.45	0.00	0.00	33.56	27.10	25.39	0.00	0.00	5.35	12.99	0.00	0.00	22.26	29.65	23.70	0.00	0.00
<i>S. xylosus</i>	294	9.69	21.34	0.00	0.00	32.05	26.17	25.44	0.00	0.00	7.49	13.13	0.00	0.00	20.58	31.21	23.95	0.00	0.00
<i>S. xylosus</i>	297	12.45	25.22	0.00	0.00	39.61	28.06	27.03	0.00	0.00	5.48	14.42	0.00	0.00	20.28	28.64	22.48	0.00	0.00
<i>S. xylosus</i>	301	8.64	20.42	0.00	0.00	32.69	28.00	25.97	0.00	0.00	7.56	16.15	0.00	0.00	25.93	31.95	24.14	0.00	0.00
<i>S. xylosus</i>	307	8.48	19.87	0.16	0.00	29.85	25.03	25.17	0.00	0.00	6.48	21.81	0.00	0.00	31.99	26.68	23.05	0.00	0.00
<i>S. xylosus</i>	310	7.99	24.84	0.00	0.00	34.91	27.12	25.37	0.00	0.00	6.89	16.93	0.00	0.00	27.97	30.03	23.77	0.00	0.00
<i>S. xylosus</i>	312	5.69	12.36	0.00	0.00	14.54	25.26	24.87	0.00	0.00	9.50	17.60	0.00	0.00	27.28	38.20	93.61	0.00	0.00
<i>S. xylosus</i>	319	7.47	18.20	0.00	0.00	27.79	27.02	24.78	0.00	0.00	8.22	11.91	0.00	0.00	20.55	31.98	31.97	0.00	0.00
<i>S. xylosus</i>	320	7.31	15.42	0.00	0.00	25.55	25.02	23.64	0.00	0.00	10.69	23.69	0.00	0.00	43.80	32.57	32.76	0.00	0.00
<i>S. xylosus</i>	326	7.70	20.76	0.00	0.00	27.72	25.21	24.38	0.00	0.00	5.56	14.75	0.00	0.00	25.30	29.00	27.12	0.00	0.00
<i>Staphylococcus</i> sp.	22	7.67	27.87	0.14	0.00	31.01	40.61	30.05	0.00	0.00	4.62	21.53	0.00	0.00	35.01	44.65	30.42	0.00	0.00
<i>Staphylococcus</i> sp.	23	8.13	33.53	2.09	0.00	41.93	33.90	30.46	0.00	0.00	5.67	16.89	0.00	0.00	29.25	41.42	29.81	0.00	0.00
<i>Staphylococcus</i> sp.	24	9.28	27.62	0.18	0.00	38.84	40.08	30.81	0.00	0.00	8.01	22.23	0.00	0.00	37.96	42.99	30.96	0.00	0.00

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