

**TABLE S3** Combined results of blood culture and PCR/ESI-MS on whole blood from 1,460 patients

Organisms	Blood culture +		Blood culture -	
	PCR/ESI-MS+	PCR/ESI-MS-	PCR/ESI-MS+	PCR/ESI-MS-
<b>Gram-positive bacteria</b>				
<i>Staphylococcus aureus</i>	19	8	12	1,421
<i>Enterococcus faecium</i>	6	0	17	1,437
<i>Staphylococcus epidermidis</i>	5	15	3	1,437
<i>Streptococcus mitis/pneumoniae</i>	7	5	8	1,440
<i>Cutibacterium acnes</i>	0	1	17	1,442
<i>Nocardia</i> species	0	0	16	1,444
<i>Streptococcus</i> species	3	8	4	1,445
Coagulase-negative staphylococci	0	14	0	1,446
<i>Enterococcus faecalis</i>	4	3	4	1,449
<i>Micrococcus</i> species	0	1	6	1,453
<i>Staphylococcus hominis</i>	0	6	1	1,453
<i>Streptococcus pyogenes</i>	4	0	1	1,455
<i>Staphylococcus capitis</i>	0	5	0	1,455
<i>Streptococcus dysgalactiae</i>	1	0	1	1,458
<i>Clostridium perfringens</i>	0	0	2	1,458
<i>Clostridium septicum/tertium</i>	0	1	1	1,458
<i>Gemella morbillorum</i>	0	1	1	1,458
<i>Peptostreptococcus anaerobius</i>	0	2	0	1,458
<i>Aerococcus urinae</i>	1	0	0	1,459
<i>Aerococcus viridans</i>	0	0	1	1,459
<i>Anaerococcus tetradius</i>	0	0	1	1,459
<i>Bifidobacterium breve</i>	0	0	1	1,459
<i>Bifidobacterium longum</i>	0	0	1	1,459
<i>Clostridium botulinum</i>	0	0	1	1,459
<i>Kocuria rhizophila</i>	0	0	1	1,459
<i>Staphylococcus haemolyticus</i>	0	0	1	1,459
<i>Streptococcus intermedius</i>	0	0	1	1,459
<i>Streptococcus vestibularis</i>	0	0	1	1,459
<i>Clostridium</i> species	0	1	0	1,459
<i>Eggerthella lenta</i>	0	1	0	1,459
<b>Gram-negative bacteria</b>				
<i>Escherichia coli</i>	50	4	79	1,327
<i>Klebsiella pneumoniae</i>	20	5	24	1,411
<i>Enterobacter cloacae</i> complex	4	1	14	1,441

<i>Bacteroides fragilis/thetaiotaomicron</i>	1	1	10	1,448
<i>Pseudomonas aeruginosa</i>	5	0	4	1,451
<i>Serratia marcescens</i>	5	3	1	1,451
<i>Haemophilus influenzae</i>	0	2	5	1,453
<i>Klebsiella oxytoca</i>	4	0	2	1,454
<i>Citrobacter freundii</i>	0	0	6	1,454
<i>Fusobacterium nucleatum</i>	0	0	6	1,454
<i>Proteus mirabilis</i>	1	1	2	1,456
<i>Stenotrophomonas maltophilia</i>	1	0	2	1,457
<i>Morganella morganii</i>	1	2	0	1,457
<i>Bacteroides caccae</i>	0	0	3	1,457
<i>Fusobacterium necrophorum</i>	1	0	1	1,458
<i>Aggregatibacter segnis</i>	0	0	2	1,458
<i>Bacteroides uniformis</i>	0	0	2	1,458
<i>Bacteroides vulgatus</i>	0	0	2	1,458
<i>Enterobacter aerogenes</i>	0	0	2	1,458
<i>Haemophilus parasuis</i>	0	0	2	1,458
<i>Odoribacter splanchnicus</i>	0	0	2	1,458
<i>Shigella boydii</i>	0	0	2	1,458
<i>Acinetobacter baumannii</i>	0	1	1	1,458
<i>Citrobacter braakii</i>	1	0	0	1,459
<i>Acinetobacter lwoffii</i>	0	0	1	1,459
<i>Aeromonas eucrenophila</i>	0	0	1	1,459
<i>Aeromonas hydrophila</i>	0	0	1	1,459
<i>Aeromonas jandaei/veronii</i>	0	0	1	1,459
<i>Aeromonas salmonicida</i>	0	0	1	1,459
<i>Bacteroides ovatus</i>	0	0	1	1,459
<i>Bordetella avium</i>	0	0	1	1,459
<i>Bordetella bronchiseptica/parapertussis</i>	0	0	1	1,459
<i>Bordetella petrii</i>	0	0	1	1,459
<i>Citrobacter youngae</i>	0	0	1	1,459
<i>Enterobacter cowanii</i>	0	0	1	1,459
<i>Escherichia vulneris</i>	0	0	1	1,459
<i>Ewingella americana/Pantoea agglomerans</i>	0	0	1	1,459
<i>Haemophilus parainfluenzae</i>	0	0	1	1,459
<i>Legionella pneumophila</i>	0	0	1	1,459
<i>Neisseria gonorrhoeae</i>	0	0	1	1,459
<i>Neisseria meningitidis</i>	0	0	1	1,459
<i>Ochrobactrum anthropi</i>	0	0	1	1,459

<i>Prevotella denticola</i>	0	0	1	1,459
<i>Salmonella enterica</i>	0	0	1	1,459
<i>Tatumella ptyseos</i>	0	0	1	1,459
<i>Bacteroides</i> species	0	1	0	1,459
<i>Moraxella</i> species	0	1	0	1,459
<i>Oligella ureolytica/urethralis</i>	0	1	0	1,459
<i>Pasteurella multocida</i>	0	1	0	1,459
<i>Proteus vulgaris</i>	0	1	0	1,459
<i>Salmonella</i> species	0	1	0	1,459
<b>Mycobacteria</b>				
<i>Mycobacterium</i> species	0	0	5	1,455
<b>Candida species</b>				
<i>Candida albicans</i>	2	1	9	1,448
<i>Candida glabrata</i>	0	0	6	1,454
<i>Candida</i> species	1	0	1	1,458
<i>Candida parapsilosis</i>	1	0	1	1,458
<i>Candida tropicalis</i>	1	0	1	1,458
<i>Candida dubliniensis</i>	0	0	2	1,458
<i>Candida famata</i>	0	0	1	1,459
<b>Total positives</b>	<b>149</b>	<b>99</b>	<b>324</b>	