

**Supplemental Table S1. Detailed Conventional Microbiological Results.**

UCLA ID #	Final ID By Conventional Methods	Blood Culture Stain Results	MALDI-TOF Performed?	MALDI-TOF ID	Other Micro Results or Morphological Description
UCLA_467	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_468	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_469	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_470	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_471	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_472	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_473	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_478	<i>Slackia exigua</i>	Gram positive coccobacilli	Yes	<i>Slackia exigua</i>	Anaerobic growth
UCLA_496	<i>Candida tropicalis</i>	Yeast	Yes	<i>Candida tropicalis</i>	
UCLA_497	<i>Candida glabrata</i>	Yeast	Yes	<i>Candida glabrata</i>	
UCLA_498	<i>Fusarium proliferatum</i>	Fungal element	Yes	<i>Fusarium proliferatum</i>	
UCLA_499	<i>Desulfovibrio</i> spp.	Gram negative rod	Yes	<i>Desulfovibrio</i> spp.	Anaerobic growth
UCLA_500	<i>Candida lusitaniae</i>	Yeast	Yes	<i>Candida lusitaniae</i>	
UCLA_501	<i>Bacteroides dorei</i>	Gram negative rod	Yes	<i>Bacteroides dorei</i>	Anaerobic growth
UCLA_502	<i>Candida albicans</i>	Yeast	Yes	<i>Candida albicans</i>	
UCLA_503	<i>Bacteroides thetaiotaomicron</i>	Gram negative rod	Yes	<i>Bacteroides thetaiotaomicron</i>	Anaerobic growth
UCLA_505	<i>Yellow pigmented rapid growing Mycobacterium</i> spp	Gram positive beaded rod; AFB positive	Yes	No ID	Yellow pigmented rapid grower
UCLA_510	<i>Proteus mirabilis</i>	Gram negative Rod	Yes	<i>Proteus mirabilis</i>	
UCLA_517	<i>Escherichia coli</i>	Gram negative Rod	Yes	<i>E. coli</i>	Lactose positive
UCLA_518	<i>Staphylococcus lugdunensis</i>	Gram positive cocci in clusters	Yes	<i>Staphylococcus lugdunensis</i>	
UCLA_519	<i>Streptococcus anginosus</i> group	Gram positive cocci in chains	Yes	<i>Streptococcus Intermedius</i>	
UCLA_520	<i>Clostridium butyricum</i>	Gram positive cocci in chains	Yes	<i>Clostridium butyricum</i>	
UCLA_524	<i>Mycobacterium avium</i> complex	Gram positive beaded rod; AFB positive	No	NA	MAC DNA probe positive
UCLA_558	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_559	<i>Enterococcus faecium</i>	Gram-positive cocci in pairs and chains	Yes	<i>Enterococcus faecium</i>	
UCLA_560	<i>Fusobacterium nucleatum</i>	Gram-negative rod	Yes	<i>Fusobacterium nucleatum</i>	
UCLA_561	<i>Staphylococcus haemolyticus</i>	Gram-positive cocci in clusters	Yes	<i>Staphylococcus haemolyticus</i>	
UCLA_562	<i>Staphylococcus epidermidis</i>	Gram positive cocci in clusters	Yes	<i>S. epidermidis</i>	Coagulase tube test negative
UCLA_596	<i>Aspergillus flavus-oryzae</i> group	Fungal element	Yes	<i>Aspergillus flavus-oryzae</i> group	Fungus balls were seen inside the blood culture bottle
UCLA_1007	<i>Mycobacterium avium</i> complex	Gram positive beaded rod; AFB positive	No	NA	MAC DNA probe positive