

ISOLATE	TYPING DATA		Geographic origin	Host	SCC subtype
	CLONAL COMPLEX	STRAIN AFFILIATION			
Washington-08_sample-640	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal,Pashupatinath	Monkey	SCCmec IVa (MW2)
Washington-09_sample-657	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal,Pashupatinath	Monkey	
Washington-10_sample-801	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal,Bajrayogini	Monkey	
Washington-11_sample-804	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal,Bajrayogini	Monkey	
Washington-14_sample-1005	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Thapathali	Environmental	SCCmec IVa (MW2)
Washington-16_sample-1027	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Thapathali	Environmental	
Washington-18_sample-2021	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Pashupati	Environmental	
Washington-19_sample-2027	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Pashupati	Environmental	
Washington-22_sample-2051	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Pashupati	Environmental	
Washington-23_sample-3009	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Nilbarahi	Environmental	
Washington-24_sample-3022	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Nilbarahi	Environmental	
Washington-26_sample-4021	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Bajrayogini	Environmental	
Washington-27_sample-4033	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Bajrayogini	Environmental	
Washington-29_sample-5018	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Swyambhu	Environmental	
Washington-31_sample-5040	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Swyambhu	Environmental	
Washington-30_sample 5025_Subclone 2	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Swyambhu	Environmental	
Washington-32_sample-21	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Kathmandu	Human	
Washington-33_sample-22	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Kathmandu	Human	
Washington-34_sample-23	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Kathmandu	Human	
Washington-35_sample-24	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Kathmandu	Human	SCCmec IVa (MW2)
Washington-36_sample-25	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal, Kathmandu	Human	SCCmec IVa (MW2)
Washington-25_sample-4007	>CC22	CC22-MRSA-IV (tst1+)	Nepal, Bajrayogini	Environmental	SCCmec IVa (MW2)
Washington-28_sample-5008	>CC22	CC22-MRSA-IVc (PVL+)	Nepal, Swyambhu	Environmental	SCCmec IVc (IS-105)
Washington-06_sample-556	>CC88	CC88-MRSA-V	Nepal,Swyambhu	Monkey	SCCmec V (Bengal Bay)
Washington-15_sample-1007	>CC88	CC88-MRSA-V (PVL+), WA MRSA-117	Nepal, Thapathali	Environmental	SCCmec V (Bengal Bay)
Washington-20_sample-2039	>CC121	CC121-MRSA-V/VT	Nepal, Pashupati	Environmental	SCCmec VT (GR1)

ISOLATE	TYPING DATA		Geographic origin	Host	SCC subtype
	CLONAL COMPLEX	STRAIN AFFILIATION			
Washington-01_sample-106	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Thapathali	Monkey	SCCmec IVa (MW2)
Washington-02_sample-115	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Thapathali	Monkey	
Washington-03_sample-117	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Thapathali	Monkey	
Washington-04_sample-120	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Thapathali	Monkey	
Washington-05_sample-505	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Swyambhu	Monkey	
Washington-07_sample-611	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Pashupatinath	Monkey	
Washington-12_sample-807	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Bajrayogini	Monkey	
Washington-13_sample-811	>CC361	CC361-MRSA-IV, WA MRSA-29	Nepal,Bajrayogini	Monkey	
Washington-21_sample-2043	>CC772	CC772-MRSA-V (PVL+), "Bengal Bay Clone"	Nepal, Pashupati	Environmental	SCCmec V (Bengal Bay)
Washington-17_sample-2006	>CC779	CC779-MRSA-V/VT	Nepal, Pashupati	Environmental	SCCmec VT (GR1)
Washington-30_sample-5025_Subclone 1	>CC779	CC779-MRSA-V/VT	Nepal, Swyambhu	Environmental	

From the previous study - for comparison:					
Washington-37_sample-48_ST22_Primate	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal	Rhesus (Macaca mu	SCCmec IVa (MW2)
Washington-38_sample-06_ST22_Swine	>CC22	CC22-MRSA-IV (PVL+/tst+)	Nepal	Swine	SCCmec IVa (MW2)

ISOLATE	SPECIES MARKER							
	Domain 1 of 23S-rRNA	glyceraldehyde 3-phosphate dehydrogenase, locus 1	katalase A	coagulase	thermostable extracellular nuclease	staphylococcal protein A	IgG-binding protein	staphylococcal accessory regulator A
	Ribos. STAU	<i>gapA</i>	<i>katA</i>	CoA	<i>nuc1</i>	<i>spa</i>	<i>sbi</i>	<i>sarA</i>
	median(s_aur_rrn_1_pm)	median(gapA_11)	median(katA_11)	median(probe_coa)	median(hp_nuc1_611)	median(proteinA_1)	median(sbi-var1_1)	median(hp_sarA_611)
Washington-08_sample-640	POS	POS	POS	POS	POS	POS	POS	POS
Washington-09_sample-657	POS	POS	POS	POS	POS	POS	POS	POS
Washington-10_sample-801	POS	POS	POS	POS	POS	POS	POS	POS
Washington-11_sample-804	POS	POS	POS	POS	POS	POS	POS	POS
Washington-14_sample-1005	POS	POS	POS	POS	POS	POS	POS	POS
Washington-16_sample-1027	POS	POS	POS	POS	POS	POS	POS	POS
Washington-18_sample-2021	POS	POS	POS	POS	POS	POS	POS	POS
Washington-19_sample-2027	POS	POS	POS	POS	POS	POS	POS	POS
Washington-22_sample-2051	POS	POS	POS	POS	POS	POS	POS	POS
Washington-23_sample-3009	POS	POS	POS	POS	POS	POS	POS	POS
Washington-24_sample-3022	POS	POS	POS	POS	POS	POS	POS	POS
Washington-26_sample-4021	POS	POS	POS	POS	POS	POS	POS	POS
Washington-27_sample-4033	POS	POS	POS	POS	POS	POS	POS	POS
Washington-29_sample-5018	POS	POS	POS	POS	POS	POS	POS	POS
Washington-31_sample-5040	POS	POS	POS	POS	POS	POS	POS	POS
Washington-30_sample 5025_Subclone 2	POS	POS	POS	POS	POS	POS	POS	POS
Washington-32_sample-21	POS	POS	POS	POS	POS	POS	POS	POS
Washington-33_sample-22	POS	POS	POS	POS	POS	POS	POS	POS
Washington-34_sample-23	POS	POS	POS	POS	POS	POS	POS	POS
Washington-35_sample-24	POS	POS	POS	AMB	POS	POS	POS	POS
Washington-36_sample-25	POS	POS	POS	AMB	POS	POS	POS	POS
Washington-25_sample-4007	POS	POS	POS	POS	POS	POS	POS	POS
Washington-28_sample-5008	POS	POS	POS	POS	POS	POS	POS	POS
Washington-06_sample-556	POS	POS	POS	POS	POS	POS	POS	POS
Washington-15_sample-1007	POS	POS	POS	POS	POS	POS	POS	POS
Washington-20_sample-2039	POS	POS	POS	POS	POS	POS	POS	POS

ISOLATE	SPECIES MARKER							
	Domain 1 of 23S-rRNA	glyceraldehyde 3-phosphate dehydrogenase, locus 1	katalase A	coagulase	thermostable extracellular nuclease	staphylococcal protein A	IgG-binding protein	staphylococcal accessory regulator A
	Ribos. STAU	<i>gapA</i>	<i>katA</i>	CoA	<i>nuc1</i>	<i>spa</i>	<i>sbi</i>	<i>sarA</i>
	median(s_aur_rrn_1_pm)	median(gapA_11)	median(katA_11)	median(probe_coa)	median(hp_nuc1_611)	median(proteinA_1)	median(sbi-var1_1)	median(hp_sarA_611)
Washington-01_sample-106	POS	POS	POS	POS	POS	POS	POS	POS
Washington-02_sample-115	POS	POS	POS	POS	POS	POS	POS	POS
Washington-03_sample-117	POS	POS	POS	POS	POS	POS	POS	POS
Washington-04_sample-120	POS	POS	POS	POS	POS	POS	POS	POS
Washington-05_sample-505	POS	POS	POS	POS	POS	POS	POS	POS
Washington-07_sample-611	POS	POS	POS	POS	POS	POS	POS	POS
Washington-12_sample-807	POS	POS	POS	POS	POS	POS	POS	POS
Washington-13_sample-811	POS	POS	POS	POS	POS	POS	POS	POS
Washington-21_sample-2043	POS	POS	POS	POS	POS	POS	POS	POS
Washington-17_sample-2006	POS	POS	POS	POS	POS	POS	POS	POS
Washington-30_sample-5025_Subclone 1	POS	POS	POS	POS	POS	POS	POS	POS
From the previous study - for comparison:								
Washington-37_sample-48_ST22_Primate	POS	POS	POS	POS	POS	POS	POS	POS
Washington-38_sample-06_ST22_Swine	POS	POS	POS	POS	POS	POS	POS	POS

ISOLATE	REGULATORY GENES									
	histidine protein kinase, sae locus	sensor protein	accessory gene regulator allele I				accessory gene regulator allele II			
	<i>saeS</i>	<i>vraS</i>	agrI (total)	agrB-I	agrC-I	agrD-I	agrII (total)	agrB-II	agrC-II	agrD-II
	median(hp_saeS_611)	median(hp_vraS_611)	median(agrB-I_11)	median(agrB-I_11)	median(agrC-I_12)	median(agrD-I_11)	median(agrB-II_11)	median(agrB-II_11)	median(agrC-II_11)	median(agrD-II_11)
Washington-08_sample-640	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-09_sample-657	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-10_sample-801	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-11_sample-804	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-14_sample-1005	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-16_sample-1027	POS	POS	POS	POS	AMB	POS	NEG	NEG	NEG	NEG
Washington-18_sample-2021	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-19_sample-2027	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-22_sample-2051	POS	POS	POS	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-23_sample-3009	POS	POS	POS	POS	AMB	POS	NEG	NEG	NEG	NEG
Washington-24_sample-3022	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-26_sample-4021	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-27_sample-4033	POS	POS	POS	POS	AMB	POS	NEG	NEG	NEG	NEG
Washington-29_sample-5018	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-31_sample-5040	POS	POS	POS	POS	AMB	POS	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	POS	POS	POS	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-32_sample-21	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-33_sample-22	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-34_sample-23	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-35_sample-24	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-36_sample-25	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-25_sample-4007	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-28_sample-5008	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-06_sample-556	POS	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-15_sample-1007	POS	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-20_sample-2039	POS	POS	NEG	NEG	AMB	NEG	NEG	NEG	NEG	NEG

ISOLATE	REGULATORY GENES									
	histidine protein kinase, sae locus	sensor protein	accessory gene regulator allele I				accessory gene regulator allele II			
	<i>saeS</i>	<i>vraS</i>	agrI (total)	agrB-I	agrC-I	agrD-I	agrII (total)	agrB-II	agrC-II	agrD-II
	median(hp_saeS_611)	median(hp_vraS_611)	median(agrB-I_11)	median(agrB-I_11)	median(agrC-I_12)	median(agrD-I_11)	median(agrB-II_11)	median(agrB-II_11)	median(agrC-II_11)	median(agrD-II_11)
Washington-01_sample-106	POS	POS	POS	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-02_sample-115	POS	POS	POS	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-03_sample-117	POS	POS	POS	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-04_sample-120	POS	POS	POS	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-05_sample-505	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-07_sample-611	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-12_sample-807	POS	POS	POS	POS	AMB	POS	NEG	NEG	NEG	NEG
Washington-13_sample-811	POS	POS	POS	POS	AMB	POS	NEG	NEG	NEG	NEG
Washington-21_sample-2043	POS	POS	NEG	NEG	NEG	NEG	POS	POS	POS	POS
Washington-17_sample-2006	POS	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	POS	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
From the previous study - for comparison:										
Washington-37_sample-48_ST22_Primate	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-38_sample-06_ST22_Swine	POS	POS	POS	POS	NEG	POS	NEG	NEG	NEG	NEG

ISOLATE									
	accessory gene regulator allele III				accessory gene regulator allele IV			haemolysin delta	alternate penicillin binding protein 2, defining MRSA
	agrIII (total)	agrB-III	agrC-III	agrD-III	agrIV (total)	agrB-IV	agrC-IV	<i>hld</i>	<i>mecA</i>
	median(agrB-III_1	median(agrB-III_1	median(agrC-III_1	median(agrD-III_1	median(agrB-IV_1	median(agrB-IV_1	median(agrC-IV_1	median(hld_11)	median(mecA_11;mecA-1,4)
Washington-08_sample-640	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-09_sample-657	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-10_sample-801	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-11_sample-804	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-14_sample-1005	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-16_sample-1027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-18_sample-2021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-19_sample-2027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-22_sample-2051	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-23_sample-3009	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-24_sample-3022	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-26_sample-4021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-27_sample-4033	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-29_sample-5018	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-31_sample-5040	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	NEG	AMB	POS	NEG	POS	POS
Washington-32_sample-21	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-33_sample-22	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-34_sample-23	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-35_sample-24	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-36_sample-25	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-25_sample-4007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-28_sample-5008	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-06_sample-556	POS	POS	POS	POS	NEG	NEG	NEG	POS	POS
Washington-15_sample-1007	POS	POS	POS	POS	NEG	NEG	NEG	POS	POS
Washington-20_sample-2039	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS

ISOLATE									
	accessory gene regulator allele III				accessory gene regulator allele IV			haemolysin delta	alternate penicillin binding protein 2, defining MRSA
	agrIII (total)	agrB-III	agrC-III	agrD-III	agrIV (total)	agrB-IV	agrC-IV	<i>hld</i>	<i>mecA</i>
	median(agrB-III_1	median(agrB-III_1	median(agrC-III_1	median(agrD-III_1	median(agrB-IV_1	median(agrB-IV_1	median(agrC-IV_1	median(hld_11)	median(mecA_11;mecA-1,4)
Washington-01_sample-106	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-02_sample-115	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-03_sample-117	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-04_sample-120	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-05_sample-505	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-07_sample-611	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-12_sample-807	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-13_sample-811	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-21_sample-2043	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS
Washington-17_sample-2006	POS	POS	POS	POS	NEG	NEG	NEG	POS	POS
Washington-30_sample-5025_Subclone 1	POS	POS	POS	POS	NEG	NEG	NEG	POS	POS

[illegible]

ISOLATE							
	truncated signal transducer protein MecR1	glycerophosphoryl diester phosphodi-esterase, associated with <i>mecA</i>	cassette chromosome recombinase genes A/B-1		plasmin-sensitive surface protein	hypothetical protein from SCCmec elements	cassette ch recombinase
	delta_mecR	<i>ugpQ</i>	<i>ccrA-1</i>	<i>ccrB-1</i>	plsSCC (COL)	Q9XB68-dcs	ccrA-2
	median(hp_mecR_611)	median(hp_ugpQ_611)	median(hp_ccrA-1)	median(hp_ccrB-1)	median(hp_plsSCC_611)	median(hp_Q9XB68_611)	median(hp_ccrA-2)
Washington-08_sample-640	POS	POS	NEG	NEG	NEG	POS	POS
Washington-09_sample-657	POS	POS	NEG	NEG	NEG	POS	POS
Washington-10_sample-801	POS	POS	NEG	NEG	NEG	POS	POS
Washington-11_sample-804	POS	POS	NEG	NEG	NEG	AMB	POS
Washington-14_sample-1005	POS	POS	NEG	NEG	NEG	POS	POS
Washington-16_sample-1027	POS	POS	NEG	NEG	NEG	POS	POS
Washington-18_sample-2021	POS	POS	NEG	NEG	NEG	AMB	POS
Washington-19_sample-2027	POS	POS	NEG	NEG	NEG	POS	POS
Washington-22_sample-2051	POS	POS	NEG	NEG	NEG	POS	POS
Washington-23_sample-3009	POS	POS	NEG	NEG	NEG	POS	POS
Washington-24_sample-3022	POS	POS	NEG	NEG	NEG	POS	POS
Washington-26_sample-4021	POS	POS	NEG	NEG	NEG	POS	POS
Washington-27_sample-4033	POS	POS	NEG	NEG	NEG	POS	POS
Washington-29_sample-5018	POS	POS	NEG	NEG	NEG	POS	POS
Washington-31_sample-5040	POS	POS	NEG	NEG	NEG	POS	POS
Washington-30_sample 5025_Subclone 2	POS	POS	NEG	NEG	NEG	POS	POS
Washington-32_sample-21	POS	POS	NEG	NEG	NEG	AMB	POS
Washington-33_sample-22	POS	POS	NEG	NEG	NEG	POS	POS
Washington-34_sample-23	POS	POS	NEG	NEG	NEG	POS	POS
Washington-35_sample-24	POS	POS	NEG	NEG	NEG	NEG	POS
Washington-36_sample-25	POS	POS	NEG	NEG	NEG	NEG	POS
Washington-25_sample-4007	POS	POS	NEG	NEG	NEG	POS	POS
Washington-28_sample-5008	POS	POS	NEG	NEG	NEG	AMB	POS
Washington-06_sample-556	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-15_sample-1007	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-20_sample-2039	NEG	POS	NEG	NEG	NEG	NEG	NEG

ISOLATE							
	truncated signal transducer protein MecR1	glycerophosphoryl diester phosphodi-esterase, associated with <i>mecA</i>	cassette chromosome recombinase genes A/B-1		plasmin-sensitive surface protein	hypothetical protein from SCCmec elements	cassette chromosome recombinase
	delta_mecR	<i>ugpQ</i>	<i>ccrA-1</i>	<i>ccrB-1</i>	plsSCC (COL)	Q9XB68-dcs	ccrA-2
	median(hp_mecR_611)	median(hp_ugpQ_611)	median(hp_ccrA-1)	median(hp_ccrB-1)	median(hp_plsSCC_611)	median(hp_Q9XB68_611)	median(hp_ccrA-2)
Washington-01_sample-106	POS	POS	NEG	NEG	NEG	POS	POS
Washington-02_sample-115	POS	POS	NEG	NEG	NEG	POS	POS
Washington-03_sample-117	POS	POS	NEG	NEG	NEG	POS	POS
Washington-04_sample-120	POS	POS	NEG	NEG	NEG	POS	POS
Washington-05_sample-505	POS	POS	NEG	NEG	NEG	POS	POS
Washington-07_sample-611	POS	POS	NEG	NEG	NEG	AMB	POS
Washington-12_sample-807	POS	POS	NEG	NEG	NEG	POS	POS
Washington-13_sample-811	POS	POS	NEG	NEG	NEG	POS	POS
Washington-21_sample-2043	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-17_sample-2006	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	NEG	POS	NEG	NEG	NEG	NEG	NEG

From the previous study - for comparison:							
Washington-37_sample-48_ST22_Primate	POS	POS	NEG	NEG	NEG	NEG	POS
Washington-38_sample-06_ST22_Swine	POS	POS	NEG	NEG	NEG	AMB	POS

ISOLATE	METHICILLIN RESISTANCE AND SCCmec TYPING							
	romosome genes A/B-2	potassium-trans-locating ATPase A, chain 2	potassium- transporting ATPase B,	potassium- trans- locating	sensor kinase protein	KDP operon transcrip-tional regulatory protein	methicillin-resistance regulatory protein	signal transducer protein MecR1
	<i>ccrB-2</i>	kdpA-SCC	kdpB-SCC	kdpC-SCC	kdpD-SCC	kdpE-SCC	<i>mecI</i>	<i>mecR</i>
	median(hp_ccrB-2)	median(hp_kdpA-SCC_611)	median(hp_kdpB-S	median(hp_kdpC-S	median(hp_kdpD-SCC	median(hp_kdpE-SCC_611)	median(hp_mecI_611)	median(hp_mecR_612)
Washington-08_sample-640	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-09_sample-657	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-10_sample-801	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-11_sample-804	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-14_sample-1005	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-16_sample-1027	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-18_sample-2021	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-19_sample-2027	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-22_sample-2051	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-23_sample-3009	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-24_sample-3022	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-26_sample-4021	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-27_sample-4033	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-29_sample-5018	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-31_sample-5040	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-32_sample-21	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-33_sample-22	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-34_sample-23	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-35_sample-24	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-36_sample-25	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-25_sample-4007	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-28_sample-5008	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-06_sample-556	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-15_sample-1007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-20_sample-2039	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG

ISOLATE	METHICILLIN RESISTANCE AND SCCmec TYPING							
	romosome genes A/B-2	potassium-trans-locating ATPase A, chain 2	potassium-transporting ATPase B,	potassium-trans-locating	sensor kinase protein	KDP operon transcrip-tional regulatory protein	methicillin-resistance regulatory protein	signal transducer protein MecR1
	<i>ccrB-2</i>	kdpA-SCC	kdpB-SCC	kdpC-SCC	kdpD-SCC	kdpE-SCC	<i>mecI</i>	<i>mecR</i>
	median(hp_ccrB-2)	median(hp_kdpA-SCC_611)	median(hp_kdpB-S	median(hp_kdpC-S	median(hp_kdpD-SCC	median(hp_kdpE-SCC_611)	median(hp_mecI_611)	median(hp_mecR_612)
Washington-01_sample-106	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-02_sample-115	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-03_sample-117	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-04_sample-120	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-05_sample-505	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-07_sample-611	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-12_sample-807	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-13_sample-811	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-21_sample-2043	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-17_sample-2006	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG

From the previous study - for comparison:								
Washington-37_sample-48_ST22_Primate	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-38_sample-06_ST22_Swine	POS	NEG	NEG	NEG	NEG	NEG	NEG	NEG

ISOLATE										
	homolog of xylose repressor, SCCmec-elements	cassette chromosome recombinase genes A/B-3		mercury resistance operon		cassette chromosome recombinase genes "ccrAA" (hypothetical) and ccrC			cassette chromosome recombinase genes A/B-4	
	<i>xylR</i>	<i>ccrA-3</i>	<i>ccrB-3</i>	<i>merA</i>	<i>merB</i>	<i>ccrAA</i> (MPSA7H4)	<i>ccrAA</i> (MPSA7H4)	<i>ccrC</i> (85- 2082)	<i>ccrA-4</i>	<i>ccrB-4</i>
	median(hp_xylR_611)	median(hp_ccrA-3)	median(hp_ccrB-3)	median(hp_merA_6)	median(hp_merB_6)	median(hp_ccrAA_6)	median(hp_ccrAA_6)	median(hp_ccrC_6)	median(hp_ccrA-4)	median(hp_ccrB-4)
Washington-08_sample-640	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-09_sample-657	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-10_sample-801	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-11_sample-804	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-14_sample-1005	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-16_sample-1027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-18_sample-2021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-19_sample-2027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-22_sample-2051	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-23_sample-3009	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-24_sample-3022	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-26_sample-4021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-27_sample-4033	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-29_sample-5018	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-31_sample-5040	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-32_sample-21	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-33_sample-22	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-34_sample-23	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-35_sample-24	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-36_sample-25	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-25_sample-4007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-28_sample-5008	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-06_sample-556	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	NEG	NEG
Washington-15_sample-1007	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	NEG	NEG
Washington-20_sample-2039	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	NEG	NEG

ISOLATE			RESISTANCE : PENICILLINASE					
	SCC <i>mec</i> XI		β-lactamase	β lactamase repressor	β-lactamase regulatory protein	RESISTANCE : MLS-ANTIBIOTICS	rRNA methylase	rRNA methylase
	<i>mecC</i>	<i>blaZ</i> -SCC <i>mec</i> XI	<i>blaZ</i>	<i>blaI</i>	<i>blaR</i>	<i>erm</i> (A)	<i>erm</i> (B)	<i>erm</i> (C)
	median (17_mecA_	(hp_01_blaZ_M10)	median(hp_blaZ_6	median(hp_blaI_611)	median(hp_blaR_611;hp_blaR_6	median(ermA-9,4)	median(hp_ermB_611;hp	median(ermC-8,1;ermC-
Washington-08_sample-640	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-09_sample-657	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-10_sample-801	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-11_sample-804	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-14_sample-1005	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-16_sample-1027	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-18_sample-2021	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-19_sample-2027	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-22_sample-2051	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-23_sample-3009	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-24_sample-3022	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-26_sample-4021	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-27_sample-4033	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-29_sample-5018	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-31_sample-5040	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-32_sample-21	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-33_sample-22	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-34_sample-23	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-35_sample-24	NEG	NEG	POS	AMB	AMB	NEG	NEG	NEG
Washington-36_sample-25	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-25_sample-4007	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-28_sample-5008	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-06_sample-556	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-15_sample-1007	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-20_sample-2039	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS

ISOLATE			RESISTANCE : PENICILLINASE					
			β-lactamase	β lactamase repressor	β-lactamase regulatory protein	RESISTANCE : MLS-ANTIBIOTICS	rRNA methylase	rRNA methylase
			<i>blaZ</i>	<i>blaI</i>	<i>blaR</i>	<i>erm</i> (A)	<i>erm</i> (B)	<i>erm</i> (C)
			median (hp_blaZ_611;hp_blaZ_612)	median (hp_blaI_611)	median (hp_blaR_611;hp_blaR_612)	median (ermA-9,4)	median (hp_ermB_611;hp_ermB_612)	median (ermC-8,1;ermC-8,2)
Washington-01_sample-106	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-02_sample-115	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-03_sample-117	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-04_sample-120	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-05_sample-505	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-07_sample-611	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-12_sample-807	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-13_sample-811	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-21_sample-2043	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-17_sample-2006	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-30_sample-5025_Subclone 1	NEG	NEG	POS	POS	POS	NEG	NEG	POS
From the previous study - for comparison:								
Washington-37_sample-48_ST22_Primate	NEG	NEG	POS	POS	AMB	NEG	NEG	POS
Washington-38_sample-06_ST22_Swine	NEG	NEG	POS	POS	AMB	NEG	NEG	POS

ISOLATE	RESISTANCE : MLS-ANTIBIOTICS							
	Lincosamid-resistance	efflux of erythromycin	macrolide efflux	probable lysylphos-phatidyl-glycerol synthetase	virginia-mycin A acetyltransfer	acetyl-transferase inactivating	ATP binding protein, streptogramin-A-resistance	
	<i>lnu</i> (A)	<i>msr</i> (A)	<i>mef</i> (A)	<i>mph</i> (C)	<i>vat</i> (A)	<i>vat</i> (B)	<i>vga</i> (A)	<i>vga</i> (A)
	median(linA-19,2;linA-19,3)	median(15,3-msrA)	median(hp_mefA_611;h	median(hp_mpbBM_611;hp_mpbBM_612)	median(15,3-vatA)	median(16,3-vatB)	median(17,3-vga)	median(18,3-vgaA)
Washington-08_sample-640	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-09_sample-657	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-10_sample-801	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-11_sample-804	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-14_sample-1005	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-16_sample-1027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-18_sample-2021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-19_sample-2027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-22_sample-2051	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-23_sample-3009	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-24_sample-3022	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-26_sample-4021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-27_sample-4033	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-29_sample-5018	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-31_sample-5040	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-32_sample-21	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-33_sample-22	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-34_sample-23	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-35_sample-24	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-36_sample-25	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-25_sample-4007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-28_sample-5008	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-06_sample-556	NEG	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-15_sample-1007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-20_sample-2039	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG

ISOLATE	RESISTANCE : MLS-ANTIBIOTICS							
	Lincosamid-resistance	efflux of erythromycin	macrolide efflux	probable lysylphos-phatidyl-glycerol synthetase	virginia-mycin A acetyltransfer	acetyl-transferase inactivating	ATP binding protein, streptogramin-A-resistance	
	<i>lnu</i> (A)	<i>msr</i> (A)	<i>mef</i> (A)	<i>mph</i> (C)	<i>vat</i> (A)	<i>vat</i> (B)	<i>vga</i> (A)	<i>vga</i> (A)
	median(linA-19,2;linA-19,3)	median(15,3-msrA)	median(hp_mefA_611;h	median(hp_mpbBM_611;hp_mpbBM_612)	median(15,3-vatA)	median(16,3-vatB)	median(17,3-vga)	median(18,3-vgaA)
Washington-01_sample-106	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-02_sample-115	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-03_sample-117	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-04_sample-120	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-05_sample-505	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-07_sample-611	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-12_sample-807	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-13_sample-811	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-21_sample-2043	NEG	POS	NEG	POS	NEG	NEG	NEG	NEG
Washington-17_sample-2006	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
From the previous study - for comparison:								
Washington-37_sample-48_ST22_Primate	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-38_sample-06_ST22_Swine	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG

ISOLATE	RESISTANCE : AMINOGLYSIDES							
	virginiamycin hydrolase	bifunctional enzyme Aac/Aph, GM resistance	aminoglycoside ADP- transferase,tobramycin resistance	3'5'-aminoglycoside phospho- transferase, neo/ kanamycin	streptothricine- acetyltransferas e	dihydrofolate reductase type 1	fusidic acid resistance	hypothetical protein: fusidic acid resistance
	<i>vgb</i> (A)	<i>aacA-aphD</i>	<i>aadD</i>	<i>aphA3</i>	<i>sat</i>	<i>dfrA</i>	<i>far1</i>	Q6GD50 (<i>fusC</i>)
	median(19,2-vgb)	median(aacA-aphD-10,4)	median(1,2-aadD)	median(aphA-3-18,3)	median(sat-17,2;sat	median(2,1-dfrA;d	median(far1_10)	median(hp_Q6GD5
Washington-08_sample-640	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-09_sample-657	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-10_sample-801	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-11_sample-804	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-14_sample-1005	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-16_sample-1027	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-18_sample-2021	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-19_sample-2027	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-22_sample-2051	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-23_sample-3009	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-24_sample-3022	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-26_sample-4021	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-27_sample-4033	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-29_sample-5018	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-31_sample-5040	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-32_sample-21	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-33_sample-22	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-34_sample-23	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-35_sample-24	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-36_sample-25	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-25_sample-4007	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-28_sample-5008	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-06_sample-556	NEG	POS	NEG	POS	POS	NEG	NEG	NEG
Washington-15_sample-1007	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG
Washington-20_sample-2039	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG

ISOLATE	RESISTANCE : AMINOGLYSIDES							
	virginiamycin hydrolase	bifunctional enzyme Aac/Aph, GM resistance	aminoglycoside ADP-transferase,tobramycin resistance	3'5'-aminoglycoside phospho-transferase, neo/ kanamycin	streptothricine-acetyltransferase	dihydrofolate reductase type 1	fusidic acid resistance	hypothetical protein: fusidic acid resistance
	<i>vgb</i> (A)	<i>aacA-aphD</i>	<i>aadD</i>	<i>aphA3</i>	<i>sat</i>	<i>dfrA</i>	<i>far1</i>	Q6GD50 (<i>fusC</i>)
	median(19,2-vgb)	median(aacA-aphD-10,4)	median(1,2-aadD)	median(aphA-3-18,3)	median(sat-17,2;sat	median(2,1-dfrA;d	median(far1_10)	median(hp_Q6GD5
Washington-01_sample-106	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-02_sample-115	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-03_sample-117	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-04_sample-120	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-05_sample-505	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-07_sample-611	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-12_sample-807	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-13_sample-811	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-21_sample-2043	NEG	POS	NEG	POS	POS	NEG	NEG	NEG
Washington-17_sample-2006	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG
From the previous study - for comparison:								
Washington-37_sample-48_ST22_Primate	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-38_sample-06_ST22_Swine	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG

[illegible]

[illegible]

[illegible]

ISOLATE	CE : GLYCOPEPTIDES		VIRULENCE : TOX.SCHOCK.TOXIN								
	vancomycin resistance gene from enterococci and	teicoplanin resistance gene enterococci	toxic shock syndrome toxin 1			enterotoxin A	enterotoxin A, allele from strain 320E	enterotoxin A, allele from strain N315 = entero- toxin P	enterotoxin B	enterotoxin C	enterotoxin D
	van (B)	van (Z)	tst1 (consensus)	tst1 ("human")	tst1 ("bovine")	entA	entA (320E)	entA (N315) / entP	entB	entC	entD
	median(19,3-vanB; 320E)	median(20,3-vanZ; 320E)	median(hp_tst_611 320E)	median(tst-1-16,2) 320E)	WENN((UND((hp 320E)	median(3,2-entA;3 320E)	median(entA-var2 320E)	median(entA-var3 320E)	median(4,1-entB;er 320E)	median(5,2-entC;5 320E)	median(entD_11) 320E)
Washington-01_sample-106	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-02_sample-115	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-03_sample-117	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-04_sample-120	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-05_sample-505	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-07_sample-611	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-12_sample-807	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-13_sample-811	NEG	NEG	POS	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-21_sample-2043	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG
Washington-17_sample-2006	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG

From the previous study - for comparison:

Washington-37_sample-48_ST22_Primate	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG	POS	NEG
Washington-38_sample-06_ST22_Swine	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG	POS	NEG

ISOLATE	VIRULENCE : ENTEROTOXINS										
	enterotoxin E	enterotoxin G	enterotoxin H	enterotoxin I	enterotoxin J	enterotoxin K	enterotoxin L	enterotoxin M	enterotoxin N		enterotoxin O
	<i>entE</i>	<i>entG</i>	<i>entH</i>	<i>entI</i>	<i>entJ</i>	<i>entK</i>	<i>entL</i>	<i>entM</i>	<i>entN</i> (cons)	<i>entN</i> (not REF122)	<i>entO</i>
	median(entE_11)	median(entG_11)	median(entH_11)	median(entI_11)	median(entJ_11)	median(hp_entK_6)	median(entL_11)	median(entM_11)	median(entN_611)	median(entN_11)	median(entO_11)
Washington-08_sample-640	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-09_sample-657	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-10_sample-801	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-11_sample-804	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-14_sample-1005	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-16_sample-1027	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-18_sample-2021	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-19_sample-2027	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-22_sample-2051	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-23_sample-3009	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-24_sample-3022	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-26_sample-4021	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-27_sample-4033	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-29_sample-5018	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-31_sample-5040	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-30_sample 5025_Subclone 2	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-32_sample-21	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	AMB
Washington-33_sample-22	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-34_sample-23	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-35_sample-24	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	NEG
Washington-36_sample-25	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	AMB
Washington-25_sample-4007	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-28_sample-5008	NEG	POS	NEG	POS	NEG	NEG	NEG	POS	POS	POS	POS
Washington-06_sample-556	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-15_sample-1007	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-20_sample-2039	NEG	POS	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS

VIRULENCE : ENTEROTOXINS											
ISOLATE	enterotoxin E	enterotoxin G	enterotoxin H	enterotoxin I	enterotoxin J	enterotoxin K	enterotoxin L	enterotoxin M	enterotoxin N		enterotoxin O
	<i>entE</i>	<i>entG</i>	<i>entH</i>	<i>entI</i>	<i>entJ</i>	<i>entK</i>	<i>entL</i>	<i>entM</i>	<i>entN</i> (cons)	<i>entN</i> (not REF122)	<i>entO</i>
	median(entE_11)	median(entG_11)	median(entH_11)	median(entI_11)	median(entJ_11)	median(hp_entK_6)	median(entL_11)	median(entM_11)	median(entN_611)	median(entN_11)	median(entO_11)
Washington-01_sample-106	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-02_sample-115	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-03_sample-117	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-04_sample-120	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-05_sample-505	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-07_sample-611	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-12_sample-807	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-13_sample-811	NEG	POS	NEG	POS	NEG	POS	NEG	POS	POS	POS	POS
Washington-21_sample-2043	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-17_sample-2006	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	NEG
Washington-38_sample-06_ST22_Swine	NEG	POS	NEG	POS	NEG	NEG	POS	POS	POS	POS	AMB

ISOLATE							VII				
	egc cluster	enterotoxin Q	enterotoxin R	Enterotoxin U and/or Y	enterotoxin-like protein ORF CM14		haemolysin gamma/ leukocidin, component B	haemolysin gamma / leukocidin, component C		haemolysin γ, component A	Panton Valentine leukocidin F
	<i>egc</i> (total)	<i>entQ</i>	<i>entR</i>	<i>entU</i>	entCM14 probe1	entCM14 probe2	<i>lukF</i>	<i>lukS</i>	<i>lukS</i> (ST22+ST45)	<i>hlgA</i>	<i>lukF-PV</i>
	hp_entN_611;entN	median(hp_entQ_6	median(entR_11)	median(hp_entU_6	median(hp_entCM	median(hp_entCM	median(lukF_10)	median(lukS_10)	median(hp_lukS-S	median(hlgA_11)	median(lukF-PV_1
Washington-08_sample-640	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-09_sample-657	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-10_sample-801	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-11_sample-804	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-14_sample-1005	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-16_sample-1027	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-18_sample-2021	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-19_sample-2027	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-22_sample-2051	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-23_sample-3009	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-24_sample-3022	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-26_sample-4021	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-27_sample-4033	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-29_sample-5018	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-31_sample-5040	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-30_sample 5025_Subclone 2	POS	NEG	NEG	POS	NEG	NEG	POS	POS	POS	POS	POS
Washington-32_sample-21	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-33_sample-22	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-34_sample-23	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS
Washington-35_sample-24	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-36_sample-25	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	NEG	AMB
Washington-25_sample-4007	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-28_sample-5008	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS
Washington-06_sample-556	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-15_sample-1007	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	NEG	POS	POS
Washington-20_sample-2039	POS	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG

ISOLATE							VII				
	egc cluster	enterotoxin Q	enterotoxin R	Enterotoxin U and/or Y	enterotoxin-like protein ORF CM14		haemolysin gamma/ leukocidin, component B	haemolysin gamma / leukocidin, component C		haemolysin γ, component A	Panton Valentine leukocidin F
	<i>egc</i> (total)	<i>entQ</i>	<i>entR</i>	<i>entU</i>	entCM14 probe1	entCM14 probe2	<i>lukF</i>	<i>lukS</i>	<i>lukS</i> (ST22+ST45)	<i>hlgA</i>	<i>lukF-PV</i>
	;hp_entN_611;entN	median(hp_entQ_6	median(entR_11)	median(hp_entU_6	median(hp_entCM	median(hp_entCM	median(lukF_10)	median(lukS_10)	median(hp_lukS-S	median(hlgA_11)	median(lukF-PV_1
Washington-01_sample-106	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-02_sample-115	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-03_sample-117	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-04_sample-120	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-05_sample-505	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-07_sample-611	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-12_sample-807	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-13_sample-811	POS	POS	NEG	POS	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-21_sample-2043	POS	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-17_sample-2006	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	NEG	POS	NEG
Washington-30_sample-5025_Subclone 1	NEG	POS	NEG	NEG	NEG	NEG	POS	POS	POS	POS	NEG

From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	NEG	AMB
Washington-38_sample-06_ST22_Swine	POS	NEG	NEG	POS	NEG	NEG	NEG	NEG	POS	AMB	POS

ISOLATE	RULENCE : HLG AND LEUKOCIDINS								VI		
	Panton Valentine leukocidin S	F component from hypothetical	S component from hypothetical	leukocidin D component	leukocidin E component	leukocidin/ haemolysin toxin family	leukocidin/haemolysin toxin family protein		putative membrane protein	haemolysin alpha	putative mem
	<i>lukS</i> -PV	<i>lukF</i> -PV (P83)	<i>lukM</i>	<i>lukD</i>	<i>lukE</i>	<i>lukX</i>	<i>lukY</i>	<i>lukY</i> (ST30+ST45)	<i>hl</i>	<i>hla</i>	<i>hlIII</i> (cons)
	median(lukS-PV_2	median(lukF-PV-P	median(lukM_11)	median(lukD_11)	median(lukE_11)	median(lukX_11)	median(lukY-var1	median(lukY-var2	median(hl_11)	median(hla_11)	median(hp_hlIII_6
Washington-08_sample-640	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-09_sample-657	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-10_sample-801	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-11_sample-804	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-14_sample-1005	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-16_sample-1027	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-18_sample-2021	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-19_sample-2027	POS	NEG	NEG	NEG	NEG	POS	POS	NEG	POS	NEG	NEG
Washington-22_sample-2051	POS	NEG	NEG	NEG	NEG	POS	AMB	NEG	POS	NEG	NEG
Washington-23_sample-3009	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-24_sample-3022	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-26_sample-4021	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-27_sample-4033	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-29_sample-5018	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-31_sample-5040	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-30_sample 5025_Subclone 2	POS	NEG	NEG	NEG	NEG	POS	POS	NEG	POS	POS	NEG
Washington-32_sample-21	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-33_sample-22	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-34_sample-23	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-35_sample-24	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-36_sample-25	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-25_sample-4007	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-28_sample-5008	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-06_sample-556	NEG	NEG	NEG	AMB	POS	POS	NEG	NEG	POS	NEG	POS
Washington-15_sample-1007	POS	NEG	NEG	AMB	POS	POS	NEG	NEG	POS	NEG	POS
Washington-20_sample-2039	NEG	NEG	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS

ISOLATE	RULENCE : HLG AND LEUKOCIDINS								VI		
	Panton Valentine leukocidin S	F component from hypothetical	S component from hypothetical	leukocidin D component	leukocidin E component	leukocidin/ haemolysin toxin family	leukocidin/haemolysin toxin family protein		putative membrane protein	haemolysin alpha	putative mem
	<i>lukS</i> -PV	<i>lukF</i> -PV (P83)	<i>lukM</i>	<i>lukD</i>	<i>lukE</i>	<i>lukX</i>	<i>lukY</i>	<i>lukY</i> (ST30+ST45)	<i>hl</i>	<i>hla</i>	<i>hlIII</i> (cons)
	median(lukS-PV_2	median(lukF-PV-P	median(lukM_11)	median(lukD_11)	median(lukE_11)	median(lukX_11)	median(lukY-var1_	median(lukY-var2_	median(hl_11)	median(hla_11)	median(hp_hlIII_6
Washington-01_sample-106	NEG	NEG	NEG	POS	POS	POS	AMB	NEG	POS	AMB	POS
Washington-02_sample-115	NEG	NEG	NEG	POS	POS	POS	NEG	NEG	POS	AMB	POS
Washington-03_sample-117	NEG	NEG	NEG	POS	POS	POS	POS	NEG	POS	POS	POS
Washington-04_sample-120	NEG	NEG	NEG	POS	POS	POS	AMB	NEG	POS	AMB	POS
Washington-05_sample-505	NEG	NEG	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS
Washington-07_sample-611	NEG	NEG	NEG	POS	POS	POS	NEG	NEG	POS	NEG	POS
Washington-12_sample-807	NEG	NEG	NEG	POS	POS	POS	NEG	NEG	POS	AMB	POS
Washington-13_sample-811	NEG	NEG	NEG	POS	POS	POS	NEG	NEG	POS	AMB	POS
Washington-21_sample-2043	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	AMB	POS
Washington-17_sample-2006	NEG	NEG	NEG	POS	AMB	POS	AMB	NEG	POS	POS	POS
Washington-30_sample-5025_Subclone 1	NEG	NEG	NEG	POS	POS	POS	POS	NEG	POS	POS	POS
From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG
Washington-38_sample-06_ST22_Swine	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	POS	NEG	NEG

ISOLATE	RULENCE : HAEMOLYSINS					VIRULENCE : HLB-CONV PHAGES			VIRULENCE : EXFOL.TOXINS		
	brane protein	haemolysin beta				staphylo-kinase	chemotaxis-inhibiting protein	Staphyl. Comple-ment	exfoliative toxin serotype A	exfoliative toxin serotype B	exfoliative toxin D
	<i>hlIII</i> (other than RF122)	hlb-probe 1	hlb-probe 2	hlb-probe 3	untruncated <i>hlb</i>	<i>sak</i>	<i>chp</i>	<i>scn</i>	<i>etA</i>	<i>etB</i>	<i>etD</i>
	median(hl-III_11)	median(hp_hlb_61)	median(hp_hlb_61)	median(hp_hlb_61)	median(hlb_11;hlb	median(sak_11;hp	median(hp_chp_61	median(hp_scn_61	median(8,2-etA)	median(9,3-etB)	median(etD_11)
Washington-08_sample-640	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-09_sample-657	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-10_sample-801	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-11_sample-804	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-14_sample-1005	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-16_sample-1027	NEG	POS	POS	AMB	POS	NEG	NEG	NEG	NEG	NEG	NEG
Washington-18_sample-2021	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-19_sample-2027	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-22_sample-2051	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-23_sample-3009	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-24_sample-3022	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-26_sample-4021	NEG	POS	POS	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG
Washington-27_sample-4033	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-29_sample-5018	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-31_sample-5040	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-32_sample-21	NEG	POS	POS	AMB	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-33_sample-22	NEG	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-34_sample-23	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-35_sample-24	NEG	POS	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-36_sample-25	NEG	POS	POS	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-25_sample-4007	NEG	POS	POS	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG
Washington-28_sample-5008	NEG	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-06_sample-556	POS	POS	POS	AMB	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-15_sample-1007	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-20_sample-2039	NEG	POS	POS	AMB	NEG	POS	NEG	POS	POS	NEG	NEG

ISOLATE	RULENCE : HAEMOLYSINS					VIRULENCE : HLB-CONV PHAGES			VIRULENCE : EXFOL.TOXINS		
	brane protein	haemolysin beta				staphylo-kinase	chemotaxis-inhibiting protein	Staphyl. Comple-ment	exfoliative toxin serotype A	exfoliative toxin serotype B	exfoliative toxin D
	<i>hlIII</i> (other than RF122)	hlb-probe 1	hlb-probe 2	hlb-probe 3	untruncated <i>hlb</i>	<i>sak</i>	<i>chp</i>	<i>scn</i>	<i>etA</i>	<i>etB</i>	<i>etD</i>
	median(hl-III_11)	median(hp_hlb_61)	median(hp_hlb_61)	median(hp_hlb_61)	median(hlb_11;hlb	median(sak_11;hp	median(hp_chp_61	median(hp_scn_61	median(8,2-etA)	median(9,3-etB)	median(etD_11)
Washington-01_sample-106	POS	NEG	POS	NEG	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-02_sample-115	POS	NEG	POS	NEG	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-03_sample-117	POS	NEG	POS	NEG	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-04_sample-120	POS	NEG	POS	NEG	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-05_sample-505	POS	NEG	POS	NEG	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-07_sample-611	POS	NEG	POS	NEG	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-12_sample-807	POS	NEG	POS	NEG	NEG	POS	NEG	POS	POS	NEG	NEG
Washington-13_sample-811	POS	NEG	POS	NEG	NEG	POS	NEG	POS	POS	NEG	NEG
Washington-21_sample-2043	POS	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG
Washington-17_sample-2006	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS
Washington-30_sample-5025_Subclone 1	POS	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	POS

From the previous study - for comparison:

Washington-37_sample-48_ST22_Primate	NEG	POS	POS	NEG	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-38_sample-06_ST22_Swine	NEG	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG

ISOLATE	VIRULENCE : EPITHEL. DIFF. INHIB			VIRULENCE : ACME LOCUS							
	epidermal cell differen- tiation	epidermal cell differen- tiation	epidermal cell differen- tiation	ACME-locus	ACME-locus	ACME: ornithincarb- amoyltrans- ferase	ACME:carba- mat-kinase	ACME- locus: arginine/orni-	aureolysin		
	<i>edinA</i>	<i>edinB</i>	<i>edinC</i>	ACME (total)	<i>arcA</i> -SCC	<i>arcB</i> -SCC	<i>arcC</i> -SCC	<i>arcD</i> -SCC	<i>aur</i> (cons)	<i>aur</i> (Not MRSA252)	<i>aur</i> (MRSA252)
	median(edinA_11)	median(edinB_11)	median(edinC_11)		median(hp_arcA_6	median(hp_arcB_6	median(hp_arcC_6	median(hp_arcD_6	median(hp_aur_61	median(hp_aur_61	median(hp_aur_61
Washington-08_sample-640	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-09_sample-657	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-10_sample-801	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-11_sample-804	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-14_sample-1005	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-16_sample-1027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-18_sample-2021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-19_sample-2027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-22_sample-2051	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-23_sample-3009	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-24_sample-3022	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-26_sample-4021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-27_sample-4033	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-29_sample-5018	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-31_sample-5040	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-32_sample-21	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-33_sample-22	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-34_sample-23	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-35_sample-24	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS
Washington-36_sample-25	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	AMB	NEG	POS
Washington-25_sample-4007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-28_sample-5008	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-06_sample-556	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-15_sample-1007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-20_sample-2039	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG

ISOLATE	VIRULENCE : EPITHEL. DIFF. INHIB			VIRULENCE : ACME LOCUS							
	epidermal cell differen- tiation	epidermal cell differen- tiation	epidermal cell differen- tiation	ACME-locus	ACME-locus	ACME: ornithincarb- amoyltrans- ferase	ACME:carba- mat-kinase	ACME- locus: arginine/orni-	aureolysin		
	<i>edinA</i>	<i>edinB</i>	<i>edinC</i>	ACME (total)	arcA-SCC	arcB-SCC	arcC-SCC	arcD-SCC	<i>aur</i> (cons)	<i>aur</i> (Not MRSA252)	<i>aur</i> (MRSA252)
	median(edinA_11)	median(edinB_11)	median(edinC_11)		median(hp_arcA_6	median(hp_arcB_6	median(hp_arcC_6	median(hp_arcD_6	median(hp_aur_61	median(hp_aur_61	median(hp_aur_61
Washington-01_sample-106	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-02_sample-115	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-03_sample-117	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-04_sample-120	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-05_sample-505	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-07_sample-611	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-12_sample-807	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-13_sample-811	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-21_sample-2043	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-17_sample-2006	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-30_sample-5025_Subclone 1	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG

From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	AMB	NEG	POS
Washington-38_sample-06_ST22_Swine	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS

ISOLATE	VIRULENCE : PROTEASES										
	serin- protease A	serin- protease B	serin- protease E	glutamylend opeptidase	staphopain B, protease	staphopain A (staphylopain A), protease		staphyl. exotoxin-like protein			
	<i>splA</i>	<i>splB</i>	<i>splE</i>	<i>sspA</i>	<i>sspB</i>	<i>sspP</i> (cons)	<i>sspP</i> (other than ST93)	<i>setC</i>	set6-var1_11	set6-var2_11	set6-var1_12
	median(splA_11)	median(splB_11)	median(hp_splE_6)	median(hp_sspA_6)	median(hp_sspB_6)	median(hp_sspP_6)	median(hp_sspP_6)	median(setC-MW0)	median(set6-var1_11)	median(set6-var2_11)	median(set6-var1_12)
Washington-08_sample-640	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-09_sample-657	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-10_sample-801	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-11_sample-804	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-14_sample-1005	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-16_sample-1027	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-18_sample-2021	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-19_sample-2027	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-22_sample-2051	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-23_sample-3009	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-24_sample-3022	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-26_sample-4021	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-27_sample-4033	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-29_sample-5018	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-31_sample-5040	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-32_sample-21	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-33_sample-22	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	POS
Washington-34_sample-23	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-35_sample-24	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-36_sample-25	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-25_sample-4007	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-28_sample-5008	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB
Washington-06_sample-556	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	NEG
Washington-15_sample-1007	POS	POS	NEG	POS	POS	POS	POS	POS	NEG	NEG	NEG
Washington-20_sample-2039	POS	POS	NEG	POS	POS	POS	POS	POS	POS	NEG	POS

ISOLATE	VIRULENCE : PROTEASES										
	serin- protease A	serin- protease B	serin- protease E	glutamyrend opeptidase	staphopain B, protease	staphopain A (staphylopain A), protease		staphyl. exotoxin-like protein			
	<i>splA</i>	<i>splB</i>	<i>splE</i>	<i>sspA</i>	<i>sspB</i>	<i>sspP</i> (cons)	<i>sspP</i> (other than ST93)	<i>setC</i>	set6-var1_11	set6-var2_11	set6-var1_12
	median(splA_11)	median(splB_11)	median(hp_splE_6)	median(hp_sspA_6)	median(hp_sspB_6)	median(hp_sspP_6)	median(hp_sspP_6)	median(setC-MW0)	median(set6-var1_11)	median(set6-var2_11)	median(set6-var1_12)
Washington-01_sample-106	NEG	NEG	NEG	POS	POS	POS	POS	POS	AMB	POS	NEG
Washington-02_sample-115	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-03_sample-117	NEG	NEG	NEG	POS	POS	POS	POS	POS	POS	POS	AMB
Washington-04_sample-120	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-05_sample-505	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-07_sample-611	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-12_sample-807	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-13_sample-811	NEG	NEG	NEG	POS	POS	POS	POS	POS	AMB	POS	NEG
Washington-21_sample-2043	NEG	NEG	NEG	POS	POS	POS	POS	POS	POS	NEG	NEG
Washington-17_sample-2006	NEG	POS	POS	POS	POS	POS	POS	POS	AMB	POS	NEG
Washington-30_sample-5025_Subclone 1	POS	POS	POS	POS	POS	POS	POS	POS	NEG	POS	NEG

From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	NEG
Washington-38_sample-06_ST22_Swine	NEG	NEG	NEG	POS	POS	POS	POS	POS	NEG	POS	AMB

ISOLATE	staphylococcal superantigen-like protein 1									staphylococcal superantigen-like protein 2	
	set6-var2_12	set6-var4_11	ssl01-RF122	ssl01/set6 (COL)	ssl01/set6 (Mu50+N315)	ssl01/set6 (MW2+MSSA4)	ssl01/set6 (MRSA252)	ssl01/set6 (RF122)	ssl01/set6 (other alleles)	ssl02/set7	ssl02/set7 (MRSA252)
	median(set6-var2_1	median(set6-var4_1	median(hp_ssl01_6	WENN(UND	WENN(UND(set6-	WENN((UND(set6	WENN((UND	WENN((UND	WENN(UND	WENN((set7-	WENN((set7-
Washington-08_sample-640	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-09_sample-657	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-10_sample-801	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-11_sample-804	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-14_sample-1005	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-16_sample-1027	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS
Washington-18_sample-2021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-19_sample-2027	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	AMB	POS
Washington-22_sample-2051	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	AMB	POS
Washington-23_sample-3009	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	AMB	POS
Washington-24_sample-3022	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-26_sample-4021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-27_sample-4033	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS
Washington-29_sample-5018	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-31_sample-5040	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	AMB	POS
Washington-32_sample-21	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-33_sample-22	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS
Washington-34_sample-23	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-35_sample-24	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-36_sample-25	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-25_sample-4007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-28_sample-5008	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-06_sample-556	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-15_sample-1007	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-20_sample-2039	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG	NEG

ISOLATE	staphylococcal superantigen-like protein 1									staphylococcal superantigen-like protein 2	
	set6-var2_12	set6-var4_11	ssl01-RF122	ssl01/set6 (COL)	ssl01/set6 (Mu50+N315)	ssl01/set6 (MW2+MSSA4)	ssl01/set6 (MRSA252)	ssl01/set6 (RF122)	ssl01/set6 (other alleles)	ssl02/set7	ssl02/set7 (MRSA252)
	median(set6-var2_12)	median(set6-var4_11)	median(hp_ssl01_6)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)
	median(set6-var2_12)	median(set6-var4_11)	median(hp_ssl01_6)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)	WENN(UND)
Washington-01_sample-106	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-02_sample-115	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-03_sample-117	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG
Washington-04_sample-120	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-05_sample-505	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-07_sample-611	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-12_sample-807	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-13_sample-811	POS	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG	NEG
Washington-21_sample-2043	NEG	POS	NEG	POS	AMB	NEG	NEG	NEG	NEG	POS	NEG
Washington-17_sample-2006	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	NEG
Washington-30_sample-5025_Subclone 1	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	AMB
From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG
Washington-38_sample-06_ST22_Swine	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	NEG

ISOLATE	VIRULENCE : STAPHYLOCOCCAL SUPERANTIGEN/ENTEROTOXIN-LIKE GENES										
	staphylococcal superantigen-like protein 3			staphylococcal superantigen-like protein 4		staphylococcal superantigen-like protein 5				staphylococcal superantigen-like protein 6	
	ssl03/set8_probe 1	ssl03/set8_probe 2	ssl03/set8 (MRSA252)	ssl04/set9	ssl04/set9 (MRSA252)	ssl05/set3_probe 1	ssl05/set3 (RF122, probe-1)	ssl05/set3_probe 2 (612)	ssl05/set3 (MRSA252)	ssl06/set21	ssl06 (NCTC8325+M)
	median(set8)	median(hp_ssl03_6)	median(SAR0424)	median(set9-var1_1)	median(set-SAR0424)	set3-var1_11	WENN((hp_s	WENN((hp_s	median(set3-var2)	median(set21_11)	median(hp_ssl06_6)
Washington-08_sample-640	NEG	NEG	NEG	NEG	POS	AMB	NEG	NEG	POS	NEG	NEG
Washington-09_sample-657	NEG	NEG	NEG	NEG	AMB	AMB	NEG	NEG	POS	NEG	NEG
Washington-10_sample-801	NEG	NEG	NEG	NEG	AMB	AMB	NEG	NEG	POS	NEG	NEG
Washington-11_sample-804	NEG	NEG	NEG	NEG	AMB	NEG	NEG	NEG	POS	NEG	NEG
Washington-14_sample-1005	NEG	NEG	NEG	NEG	POS	AMB	NEG	NEG	POS	NEG	NEG
Washington-16_sample-1027	NEG	NEG	NEG	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-18_sample-2021	NEG	NEG	NEG	NEG	AMB	NEG	NEG	NEG	POS	NEG	NEG
Washington-19_sample-2027	NEG	NEG	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-22_sample-2051	NEG	NEG	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-23_sample-3009	NEG	NEG	NEG	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-24_sample-3022	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-26_sample-4021	NEG	NEG	NEG	NEG	AMB	NEG	NEG	NEG	POS	NEG	NEG
Washington-27_sample-4033	NEG	NEG	NEG	NEG	POS	AMB	NEG	NEG	POS	NEG	NEG
Washington-29_sample-5018	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-31_sample-5040	NEG	NEG	AMB	NEG	AMB	NEG	NEG	NEG	POS	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-32_sample-21	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-33_sample-22	NEG	NEG	NEG	NEG	POS	AMB	NEG	NEG	POS	NEG	NEG
Washington-34_sample-23	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-35_sample-24	NEG	NEG	NEG	NEG	AMB	NEG	NEG	NEG	POS	NEG	NEG
Washington-36_sample-25	NEG	NEG	NEG	NEG	AMB	NEG	NEG	NEG	POS	NEG	NEG
Washington-25_sample-4007	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-28_sample-5008	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG
Washington-06_sample-556	NEG	NEG	NEG	NEG	NEG	NEG	NEG	POS	NEG	POS	POS
Washington-15_sample-1007	POS	POS	NEG	POS	NEG	NEG	NEG	POS	NEG	POS	POS
Washington-20_sample-2039	POS	POS	NEG	POS	NEG	NEG	POS	NEG	NEG	NEG	POS

VIRULENCE : STAPHYLOCOCCAL SUPERANTIGEN/ENTEROTOXIN-LIKE GENES											
ISOLATE	staphylococcal superantigen-like protein 3			staphylococcal superantigen-like protein 4		staphylococcal superantigen-like protein 5				staphylococcal superantigen-like protein 6	
	ssl03/set8_p robe 1	ssl03/set8_p robe 2	ssl03/set8 (MRSA252)	ssl04/set9	ssl04/set9 (MRSA252)	ssl05/set3_prob e 1	ssl05/set3 (RF122, probe-	ssl05/set3_prob e 2 (612)	ssl05/set3 (MRSA252)	ssl06/set21	ssl06 (NCTC8325+M
	median(set8)	median(hp_ssl03_6	median(SAR0424)	median(set9-var1_1	median(set-SAR04	set3-var1_11	WENN((hp_s	WENN((hp_s	median(set3-var2)	median(set21_11)	median(hp_ssl06_6
Washington-01_sample-106	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-02_sample-115	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-03_sample-117	POS	POS	NEG	POS	NEG	POS	POS	AMB	NEG	NEG	NEG
Washington-04_sample-120	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-05_sample-505	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-07_sample-611	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-12_sample-807	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-13_sample-811	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-21_sample-2043	POS	POS	NEG	POS	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-17_sample-2006	POS	POS	NEG	POS	NEG	POS	NEG	POS	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	POS	POS	NEG	POS	NEG	POS	AMB	POS	NEG	NEG	AMB
From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	NEG	NEG	NEG	NEG	AMB	NEG	NEG	NEG	POS	NEG	NEG
Washington-38_sample-06_ST22_Swine	NEG	NEG	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG

ISOLATE	(SET/SSL)										
	staphylococcal superantigen-like protein 7			staphylococcal superantigen-like protein 8		staphylococcal superantigen-like protein 9			staphylococcal superantigen-like protein 10		
	ssl07/set1	ssl07/set1 (MRSA252)	ssl07/set1 (AF188836)	ssl08/set12_probe 1	ssl08/set12_probe 2	ssl09/set5_probe 1	ssl09/set5_probe 2	ssl09/set5 (MRSA252)	ssl10/set4	ssl10 (RF122)	ssl10/set4 (MRSA252)
	WENN((set1-	WENN((set1-	WENN((set1-	median(set12)	median(hp_ssl08_6	median(set5-var1)	median(hp_ssl09_6	median(set5-var2)	WENN((set4-	WENN((hp_s	WENN((set4-
Washington-08_sample-640	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-09_sample-657	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-10_sample-801	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG
Washington-11_sample-804	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG
Washington-14_sample-1005	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-16_sample-1027	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-18_sample-2021	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-19_sample-2027	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-22_sample-2051	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-23_sample-3009	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-24_sample-3022	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-26_sample-4021	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-27_sample-4033	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-29_sample-5018	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-31_sample-5040	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	AMB	AMB	POS	NEG	NEG	POS	POS	NEG	POS	NEG	AMB
Washington-32_sample-21	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-33_sample-22	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-34_sample-23	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG
Washington-35_sample-24	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG
Washington-36_sample-25	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG
Washington-25_sample-4007	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-28_sample-5008	NEG	NEG	POS	NEG	NEG	AMB	POS	NEG	NEG	NEG	NEG
Washington-06_sample-556	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-15_sample-1007	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-20_sample-2039	NEG	NEG	NEG	NEG	POS	POS	POS	NEG	NEG	POS	NEG

ISOLATE	(SET/SSL)										
	staphylococcal superantigen-like protein 7			staphylococcal superantigen-like protein 8		staphylococcal superantigen-like protein 9			staphylococcal superantigen-like protein 10		
	ssl07/set1	ssl07/set1 (MRSA252)	ssl07/set1 (AF188836)	ssl08/set12_probe 1	ssl08/set12_probe 2	ssl09/set5_probe 1	ssl09/set5_probe 2	ssl09/set5 (MRSA252)	ssl10/set4	ssl10 (RF122)	ssl10/set4 (MRSA252)
	WENN(((set1-	WENN(((set1-	WENN(((set1-	median(set12)	median(hp_ssl08_6	median(set5-var1)	median(hp_ssl09_6	median(set5-var2)	WENN(((set4-	WENN((hp_s	WENN(((set4-
Washington-01_sample-106	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-02_sample-115	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-03_sample-117	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-04_sample-120	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-05_sample-505	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-07_sample-611	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-12_sample-807	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-13_sample-811	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-21_sample-2043	NEG	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-17_sample-2006	POS	NEG	NEG	POS	POS	POS	POS	NEG	POS	NEG	NEG
Washington-30_sample-5025_Subclone 1	POS	AMB	AMB	POS	POS	POS	POS	NEG	POS	AMB	AMB

From the previous study - for comparison:	
Washington-37_sample-48_ST22_Primate	NEG
Washington-38_sample-06_ST22_Swine	NEG

	NEG	NEG	POS	NEG	NEG	NEG	POS	NEG	NEG	NEG	NEG
	NEG	NEG	POS	NEG	NEG	POS	POS	NEG	NEG	NEG	NEG

ISOLATE											
	staphylococcal superantigene-like protein 11				staphylococcal exotoxin-like protein, second locus					Capsule type 1	capsular poly- saccharide synthesis
	ssl11/set2 (COL)	ssl11+set2(M u50+N315)	ssl11+set2(M W2+MSSA47	ssl11/set2 (MRSA252)	setB3	setB3 (MRSA252)	setB2	setB2 (MRSA252)	setB1	<i>cap1</i>	<i>capH1</i>
	median(set2-var4)	median(set2-var3)	median(set2-var1)	median(set2-var2)	median(setB-SA11	median(setB-SAR1	median(setB-SA11	median(setB-SAR1	median(setB-SA11	median(hp_capH1_	median(hp_capH1_
Washington-08_sample-640	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-09_sample-657	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-10_sample-801	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-11_sample-804	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-14_sample-1005	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-16_sample-1027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-18_sample-2021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-19_sample-2027	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-22_sample-2051	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-23_sample-3009	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-24_sample-3022	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-26_sample-4021	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-27_sample-4033	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-29_sample-5018	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-31_sample-5040	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-32_sample-21	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-33_sample-22	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-34_sample-23	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-35_sample-24	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-36_sample-25	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-25_sample-4007	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-28_sample-5008	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG
Washington-06_sample-556	NEG	NEG	NEG	NEG	POS	NEG	POS	NEG	POS	NEG	NEG
Washington-15_sample-1007	NEG	NEG	NEG	NEG	POS	NEG	POS	NEG	POS	NEG	NEG
Washington-20_sample-2039	NEG	NEG	NEG	NEG	POS	NEG	POS	NEG	POS	NEG	NEG

ISOLATE	CAPSULE- AND BIOFILM-ASSOCIATED GENES										
	O-antigen poly- merase	capsular poly- saccharide biosyn-	Capsule type 5	capsular poly- saccharide synthesis	O-antigen poly- merase	capsular poly- saccharide biosyn-	Capsule type 8	capsular poly- saccharide synthesis	capsular poly- saccharide biosyn-	O-antigen poly- merase	capsular poly- saccharide biosyn-
	<i>capJ1</i>	<i>capK1</i>	<i>cap 5</i>	<i>capH5</i>	<i>capJ5</i>	<i>capK5</i>	<i>cap 8</i>	<i>capH8</i>	<i>capI8</i>	<i>capJ8</i>	<i>capK8</i>
	median(hp_capJ1_6	median(hp_capK1_6	median(hp_capH5_6	median(hp_capH5_6	median(hp_capJ5_6	median(hp_capK5_6	median(hp_capH8_6	median(hp_capH8_6	median(hp_capI8_6	median(hp_capJ8_6	median(hp_capK8_6
Washington-08_sample-640	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-09_sample-657	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-10_sample-801	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-11_sample-804	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-14_sample-1005	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-16_sample-1027	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-18_sample-2021	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-19_sample-2027	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-22_sample-2051	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-23_sample-3009	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-24_sample-3022	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-26_sample-4021	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-27_sample-4033	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-29_sample-5018	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-31_sample-5040	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-32_sample-21	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-33_sample-22	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-34_sample-23	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-35_sample-24	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-36_sample-25	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-25_sample-4007	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-28_sample-5008	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-06_sample-556	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-15_sample-1007	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-20_sample-2039	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS

ISOLATE	CAPSULE- AND BIOFILM-ASSOCIATED GENES										
	O-antigen poly- merase	capsular poly- saccharide biosyn-	Capsule type 5	capsular poly- saccharide synthesis	O-antigen poly- merase	capsular poly- saccharide biosyn-	Capsule type 8	capsular poly- saccharide synthesis	capsular poly- saccharide biosyn-	O-antigen poly- merase	capsular poly- saccharide biosyn-
	<i>capJ1</i>	<i>capK1</i>	<i>cap 5</i>	<i>capH5</i>	<i>capJ5</i>	<i>capK5</i>	<i>cap 8</i>	<i>capH8</i>	<i>capI8</i>	<i>capJ8</i>	<i>capK8</i>
	median(hp_capJ1_6	median(hp_capK1_	median(hp_capH5_	median(hp_capH5_	median(hp_capJ5_6	median(hp_capK5_	median(hp_capH8_	median(hp_capH8_	median(hp_capI8_6	median(hp_capJ8_6	median(hp_capK8_
Washington-01_sample-106	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-02_sample-115	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-03_sample-117	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-04_sample-120	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-05_sample-505	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-07_sample-611	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-12_sample-807	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-13_sample-811	NEG	NEG	NEG	NEG	NEG	NEG	POS	POS	POS	POS	POS
Washington-21_sample-2043	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-17_sample-2006	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-38_sample-06_ST22_Swine	NEG	NEG	POS	POS	POS	POS	NEG	NEG	NEG	NEG	NEG

ISOLATE					ADHAESION FACTORS / GENES ENCODING MICROBIAL S						
	intercellular adhesion protein A	intercellular adhesion protein C	biofilm PIA synthesis protein D	surface protein involved in	bone sialoprotein-binding protein						
	<i>icaA</i>	<i>icaC</i>	<i>icaD</i>	<i>bap</i>	<i>bbp</i>	<i>bbp</i> (cons)	<i>bbp</i> (COL+MW2)	<i>bbp</i> (MRSA252)	<i>bbp</i> (Mu50)	<i>bbp</i> (RF122)	<i>bbp</i> (ST45)
	median(hp_icaA_6	median(hp_icaC_6	median(hp_icaD_6	median(hp_bap_61	WENN((ZÄHLEN	median(hp_bbp_61	WENN((hp_bbp_6	WENN((hp_bbp_6	WENN((hp_bbp_6	WENN((hp_bbp_6	WENN((hp_bbp_6
Washington-08_sample-640	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-09_sample-657	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-10_sample-801	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-11_sample-804	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-14_sample-1005	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-16_sample-1027	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-18_sample-2021	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-19_sample-2027	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-22_sample-2051	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-23_sample-3009	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-24_sample-3022	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-26_sample-4021	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-27_sample-4033	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-29_sample-5018	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-31_sample-5040	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	POS	POS	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-32_sample-21	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-33_sample-22	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-34_sample-23	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-35_sample-24	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-36_sample-25	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-25_sample-4007	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-28_sample-5008	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-06_sample-556	NEG	POS	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-15_sample-1007	POS	POS	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-20_sample-2039	POS	POS	POS	NEG	POS	POS	NEG	POS	NEG	NEG	NEG

ISOLATE					ADHAESION FACTORS / GENES ENCODING MICROBIAL S						
	intercellular adhesion protein A	intercellular adhesion protein C	biofilm PIA synthesis protein D	surface protein involved in	bone sialoprotein-binding protein						
	<i>icaA</i>	<i>icaC</i>	<i>icaD</i>	<i>bap</i>	<i>bbp</i>	<i>bbp</i> (cons)	<i>bbp</i> (COL+MW2)	<i>bbp</i> (MRSA252)	<i>bbp</i> (Mu50)	<i>bbp</i> (RF122)	<i>bbp</i> (ST45)
	median(hp_icaA_6	median(hp_icaC_6	median(hp_icaD_6	median(hp_bap_61	WENN((ZÄHLEN	median(hp_bbp_61	WENN((hp_bbp_6	WENN((hp_bbp_6	WENN((hp_bbp_6	WENN((hp_bbp_6	WENN((hp_bbp_6
Washington-01_sample-106	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-02_sample-115	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-03_sample-117	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-04_sample-120	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-05_sample-505	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-07_sample-611	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-12_sample-807	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-13_sample-811	POS	POS	POS	NEG	POS	POS	POS	NEG	NEG	NEG	NEG
Washington-21_sample-2043	POS	POS	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-17_sample-2006	POS	POS	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
Washington-30_sample-5025_Subclone 1	POS	POS	POS	NEG	POS	POS	NEG	NEG	POS	NEG	NEG
From the previous study - for comparison:											
Washington-37_sample-48_ST22_Primate	POS	AMB	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG
Washington-38_sample-06_ST22_Swine	POS	POS	POS	NEG	POS	POS	NEG	NEG	NEG	NEG	NEG

SURFACE COMPONENTS RECOGNIZING ADHESIVE MATRIX MOLECULES (MSCRAMM GENES)										
ISOLATE	clumping factor A					clumping factor B				
	<i>clfA</i>	<i>clfA</i> (cons)	<i>clfA</i> (COL+RF122)	<i>clfA</i> (MRSA252)	<i>clfA</i> (Mu50+MW2)	<i>clfB</i>	<i>clfB</i> (cons)	<i>clfB</i> (COL+Mu50)	<i>clfB</i> (MW2)	<i>clfB</i> (RF122)
	WENN((ZÄHLEN	median(hp_clfA_6	WENN((hp_c	WENN((hp_c	WENN((hp_c	WENN((ZÄHLEN	median(hp_clfB_6	WENN((hp_c	WENN((hp_c	WENN((hp_c
Washington-08_sample-640	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-09_sample-657	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-10_sample-801	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-11_sample-804	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-14_sample-1005	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-16_sample-1027	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-18_sample-2021	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-19_sample-2027	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-22_sample-2051	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-23_sample-3009	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-24_sample-3022	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-26_sample-4021	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-27_sample-4033	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-29_sample-5018	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-31_sample-5040	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-30_sample 5025_Subclone 2	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	POS
Washington-32_sample-21	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-33_sample-22	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-34_sample-23	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-35_sample-24	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-36_sample-25	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-25_sample-4007	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-28_sample-5008	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-06_sample-556	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-15_sample-1007	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-20_sample-2039	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG

ISOLATE	SURFACE COMPONENTS RECOGNIZING ADHESIVE MATRIX MOLECULES (MSCRAMM GENES)									
	clumping factor A					clumping factor B				
	<i>clfA</i>	<i>clfA</i> (cons)	<i>clfA</i> (COL+RF122)	<i>clfA</i> (MRSA252)	<i>clfA</i> (Mu50+MW2)	<i>clfB</i>	<i>clfB</i> (cons)	<i>clfB</i> (COL+Mu50)	<i>clfB</i> (MW2)	<i>clfB</i> (RF122)
	WENN((ZÄHLEN	median(hp_clfA_6	WENN((hp_c	WENN((hp_c	WENN((hp_c	WENN((ZÄHLEN	median(hp_clfB_6	WENN((hp_c	WENN((hp_c	WENN((hp_c
Washington-01_sample-106	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-02_sample-115	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-03_sample-117	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-04_sample-120	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-05_sample-505	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-07_sample-611	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-12_sample-807	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-13_sample-811	POS	POS	NEG	NEG	POS	POS	POS	POS	NEG	NEG
Washington-21_sample-2043	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-17_sample-2006	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-30_sample-5025_Subclone 1	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	POS

From the previous study - for comparison:										
Washington-37_sample-48_ST22_Primate	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG
Washington-38_sample-06_ST22_Swine	POS	POS	NEG	NEG	POS	POS	POS	NEG	NEG	NEG