

**Table 4. Representation of 182 bacterial SLOTU in normal forearm skin from 6 subjects**

		Number of clones								
Species		SubA	SubB	SubC	SubD	SubE	SubF	All Females	All Males	Total
		(n=208)	(n=204)	(n=202)	(n=204)	(n=203)	(n=200)	(n=614)	(n=607)	(n=1221)
	<i>Acidovorax temperans</i>					1			1	1
	<i>Acinetobacter haemolyticus</i>				9				9	9
	<i>Acinetobacter johnsonii</i>				1				1	1
	<i>Acinetobacter junii</i>	3	10	13		1	3	26	4	30
	<i>Acinetobacter ursingii</i>		4	1				5		5
	<i>Actinomyces naeslundii</i>	1		3				4		4
	<i>Actinomyces neuii</i>					3	4		7	7
	<i>Anaerococcus prevotii</i>		2					2		2
	<i>Atopobium vaginae</i>	2			1			2	1	3
	<i>Brevibacterium paucivorans</i>				3				3	3
	<i>Brevundimonas aurantiaca</i>	2						2		2
	<i>Brevundimonas vesicularis</i>	1						1		1
	<i>Candidatus Nostocoida limicola</i>	1						1		1
	<i>Corynebacterium accolens</i>					2			2	2
	<i>Corynebacterium afermentans</i>				3	1			4	4
	<i>Corynebacterium amycolatum</i>		2	18	2	1		20	3	23
	<i>Corynebacterium appendicis</i>				2	3	2		7	7
	<i>Corynebacterium aurimucosum</i>				3				3	3
	<i>Corynebacterium coyleae</i>		1				1	1	1	2
	<i>Corynebacterium durum</i>			3				3		3
	<i>Corynebacterium glaucum</i>					1			1	1
	<i>Corynebacterium glucuronolyticum</i>					3	3		6	6
	<i>Corynebacterium imitans</i>			8	1			8	1	9
	<i>Corynebacterium jeikeium</i>		1	1	11		1	2	12	14
	<i>Corynebacterium kroppenstedtii</i>					10			10	10
	<i>Corynebacterium lipophiloflavum</i>			1		1		1	1	2
	<i>Corynebacterium matruchotii</i>				2				2	2
	<i>Corynebacterium minutissimum</i>				5	1			6	6
	<i>Corynebacterium mucifaciens</i>		8		14	6	1	8	21	29
	<i>Corynebacterium nigricans</i>			1	5			1	5	6
	<i>Corynebacterium pseudodiphthericum</i>				1				1	1
	<i>Corynebacterium simulans</i>				5		3		8	8
	<i>Corynebacterium singulare</i>				3	1	1		5	5

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			(n=208)	(n=204)	(n=202)	(n=204)	(n=203)	(n=200)	(n=614)	(n=607)	(n=1221)
		<i>Corynebacterium sundsvallense</i>			1	2			1	2	3
		<i>Corynebacterium tuberculostearicum</i>	3	3	19	29	11	13	25	53	78
		<i>Diaphorobacter nitroreducens</i>	1	2	2		2		5	2	7
		<i>Enhydrobacter aerosaccus</i>	9	10	15				34		34
		<i>Enterobacter asburiae</i>			1				1		1
		<i>Enterococcus faecalis</i>			2				2		2
		<i>Eremococcus coleocola</i>				1				1	1
		<i>Facklamia hominis</i>				5				5	5
		<i>Facklamia languida</i>					2			2	2
		<i>Gardnerella vaginalis</i>			3				3		3
		<i>Gemella haemolysans</i>					1			1	1
		<i>Gemella morbillorum</i>					1			1	1
		<i>Gemella sanguinis</i>				1				1	1
		<i>Gordonia bronchialis</i>	4						4		4
		<i>Gordonia sputi</i>	4						4		4
		<i>Gordonia terrae</i>	3						3		3
		<i>Granulicatella elegans</i>		3					3		3
		<i>Hyphomicrobium facile</i>			1				1		1
		<i>Janibacter melonis</i>	1						1		1
		<i>Kocuria marina</i>	1						1		1
		<i>Kocuria palustris</i>	1		1				2		2
		<i>Kocuria rhizophila</i>		3	5				8		8
		<i>Lactobacillus crispatus</i>		9					9		9
		<i>Lactobacillus jensenii</i>			3				3		3
		<i>Lactobacillus sp.</i>					2			2	2
		<i>Leuconostoc argentinum</i>			1				1		1
		<i>Methylobacterium extorquens</i>	1						1		1
		<i>Methylobacterium mesophilicum</i>	1						1		1
		<i>Micrococcus luteus</i>		5				1	5	1	6
		<i>Microlunatus phosphovorus</i>				1				1	1
		<i>Mobiluncus curtisii subsp. holmesii</i>	1						1		1
		<i>Mycobacterium chlorophenolicum</i>	1						1		1
		<i>Mycobacterium obuense</i>	2						2		2
		<i>Nakamurella multipartita</i>	2						2		2
		<i>Pedomicrobium australicum</i>		4					4		4
		<i>Peptoniphilus harei</i>			1		2		1	2	3

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			(n=208)	(n=204)	(n=202)	(n=204)	(n=203)	(n=200)	(n=614)	(n=607)	(n=1221)
		<i>Peptostreptococcus anaerobius</i>				1				1	1
		<i>Prevotella bivia</i>				1				1	1
		<i>Prevotella corporis</i>				1				1	1
		<i>Prevotella disiens</i>	1				1		1	1	2
		<i>Prevotella melaninogenica</i>					3			3	3
		<i>Propionibacterium acnes</i>	22	25	25	28	42	110	72	180	252
		<i>Propionibacterium granulosum</i>				2	5	3		10	10
		<i>Pseudomonas aeruginosa</i>		3			2		3	2	5
		<i>Pseudomonas saccharophila</i>		10	1		1		11	1	12
		<i>Pseudomonas stutzeri</i>		11	5		4	1	16	5	21
		<i>Pseudomonas tremae</i>		3					3		3
		<i>Rhodococcus corynebacterioides</i>	7						7		7
		<i>Rhodococcus erythropolis</i>	5						5		5
		<i>Rothia aeria</i>	1						1		1
		<i>Rothia dentocariosa</i>			1				1		1
		<i>Rothia mucilaginoso</i>	10			3	4	1	10	8	18
		<i>Rothia nasimurium</i>	2						2		2
		<i>Serratia liquefaciens</i>		4					4		4
		<i>Serratia marcescens subsp. sakuensis</i>					2			2	2
		<i>Sphingobium amiens</i>	1					1	1	1	2
		<i>Staphylococcus capitis</i>			3	2	8		3	10	13
		<i>Staphylococcus caprae</i>	5		5	17	16		10	33	43
		<i>Staphylococcus cohnii</i>	1						1		1
		<i>Staphylococcus epidermidis</i>		1	10	11	4	10	11	25	36
		<i>Staphylococcus haemolyticus</i>						2		2	2
		<i>Staphylococcus hominis</i>	1	1	5	6		7	7	13	20
		<i>Staphylococcus saccharolyticus</i>		2		1	4		2	5	7
		<i>Staphylococcus warneri</i>		2	11	1			13	1	14
		<i>Stenotrophomonas maltophilia</i>					1			1	1
		<i>Streptococcus agalactiae</i>	1						1		1
		<i>Streptococcus cristatus</i>					2			2	2
		<i>Streptococcus gordonii</i>	1						1		1
		<i>Streptococcus infantis</i>					2			2	2
		<i>Streptococcus intermedius</i>	1						1		1
		<i>Streptococcus mitis</i>	4	11	1	1	12	4	16	17	33
		<i>Streptococcus parasanguinis</i>	2						2		2

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			(n=208)	(n=204)	(n=202)	(n=204)	(n=203)	(n=200)	(n=614)	(n=607)	(n=1221)	
		<i>Streptococcus salivarius</i>			3		6	1	3	7	10	
		<i>Streptococcus sanguinis</i>	7	1	8	3			16	3	19	
		<i>Tetrasphaera elongata</i>	1							1		1
		<i>Tsukamurella tyrosinosolvans</i>	3							3		3
		<i>Veillonella dispar</i>				1		1			2	2
		<i>Veillonella parvula</i>	1							1		1
		<b>Subtotal</b>	<b>122</b>	<b>141</b>	<b>182</b>	<b>189</b>	<b>175</b>	<b>174</b>	<b>445</b>	<b>538</b>	<b>983</b>	
Cultivated non-type strains(n=20)		<i>Acidovorax AM084006</i>		2			1	1	2	2	4	
		<i>Bradyrhizobiaceae U87763</i>		2					2		2	
		<i>Carnobacterium AJ427446</i>		10					10		10	
		<i>Corynebacterium AY581888</i>				2				2	2	
		<i>Corynebacterium AF543288</i>					1			1	1	
		<i>Corynebacterium X81872</i>			1				1		1	
		<i>Corynebacterium X84253</i>					1			1	1	
		<i>Dermacoccus AF409025</i>			1				1		1	
		<i>Finegoldia AB109769</i>	2	6	1	2	3	2	9	7	16	
		<i>Haemophilus AF224309</i>			2				2		2	
		<i>Methylobacterium AY741717</i>	1						1		1	
		<i>Neisseria DQ409137</i>	1						1		1	
		<i>Pasteurellaceae AJ290758</i>					1			1	1	
		<i>Propionibacterium Y17821</i>						6		6	6	
		<i>Prevotella AY207061</i>						1		1	1	
		<i>Prevotella AY323525</i>					1			1	1	
		<i>Pseudomonas AF326380</i>						1		1	1	
		<i>Pseudomonas AJ575816</i>		2	1				3		3	
		<i>Sphingopyxis AY328823</i>	2						2		2	
	<i>Zimmermannella AJ251780</i>				1				1	1		
	<b>Subtotal</b>	<b>6</b>	<b>22</b>	<b>6</b>	<b>5</b>	<b>8</b>	<b>11</b>	<b>34</b>	<b>24</b>	<b>58</b>		
<b>Subtotal</b>			<b>128</b>	<b>163</b>	<b>188</b>	<b>194</b>	<b>183</b>	<b>185</b>	<b>479</b>	<b>562</b>	<b>1041</b>	
		<i>Actinomyces AF385553</i>			1				1		1	
		<i>Actinomycetales AY770698</i>	4		2		7	6	6	13	19	
		<i>Anaerococcus AY959168</i>	2					4	2	4	6	
		<i>Anaerococcus AY958800</i>				1				1	1	
		<i>Anaerococcus AY981208</i>					1			1	1	

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			(n=208)	(n=204)	(n=202)	(n=204)	(n=203)	(n=200)	(n=614)	(n=607)	(n=1221)
		<i>Aquabacterium</i> AB128892			2				2		2
		<i>Bacteria</i> AJ619064	8						8		8
		<i>Bacteroidales</i> AF385513					2			2	2
		<i>Betaproteobacteria</i> AY360547		3					3		3
		<i>Burkholderiales</i> DQ016727	1	3					4		4
		<i>Caulobacteraceae</i> AJ459874					1			1	1
		<i>Flavobacteriaceae</i> AF502204	1						1		1
		<i>Gammaproteobacteria</i> AY922146						1		1	1
		<i>Haemophilus</i> AY975706	1	2				2	3	2	5
		<i>Methylobacterium</i> AY592150	1						1		1
		<i>Neisseriaceae</i> AY225604		17			1		17	1	18
		<i>Paracoccus</i> AJ619068	1						1		1
		<i>Pasteurellaceae</i> AY005034					1			1	1
		<i>Porphyromonas</i> AY008313				1				1	1
		<i>Rhizobiales</i> AF358012			1				1		1
		<i>Selenomonas</i> AY349404					4			4	4
		<b>Subtotal</b>	<b>19</b>	<b>25</b>	<b>6</b>	<b>2</b>	<b>17</b>	<b>13</b>	<b>50</b>	<b>32</b>	<b>82</b>
		<i>Acidaminococcaceae</i> AF481209 93%				2				2	2
		<i>Alkanindiges</i> AF513979 93%		5					5		5
		<i>Amaricoccus</i> Y09610 94%	1						1		1
		<i>Anaerococcus</i> Y07841 95%				1				1	1
		<i>Bdellovibrio</i> AF148938 88%			4				4		4
		<i>Blastococcus</i> AY234675 91%	2						2		2
		<i>Burkholderiales</i> AJ412678 96%	4						4		4
		<i>Chitinophaga</i> AJ318177 88%	1						1		1
		<i>Corynebacterium</i> AF537601 96%						2		2	2
		<i>Corynebacterium</i> AJ439345 95%				1				1	1
		<i>Cyanobacteria</i> AJ538357 83%			2				2		2
		<i>Deinococcus</i> AE002076 91%	2						2		2
		<i>Deinococcus</i> AJ549111 91%	29						29		29
		<i>Deinococcus</i> Y11329 90%	4						4		4
		<i>Dermacoccus</i> AF409025 95%	9						9		9

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			(n=208)	(n=204)	(n=202)	(n=204)	(n=203)	(n=200)	(n=614)	(n=607)	(n=1221)
		<i>Flexibacteraceae</i> AY279982 87%	1						1		1
		<i>Hymenobacter</i> D84607 93%					2			2	2
		<i>Mesorhizobium</i> AP003001 95%	1						1		1
		<i>Methylobacillus</i> AF289159 94%		7					7		7
		<i>Paracraurococcus</i> AF443585 93%				1				1	1
		<i>Paracraurococcus</i> AF443585 95%	2						2		2
		<i>Peptoniphilus</i> Y07840 93%				1				1	1
		<i>Porphyromonas</i> L16493 86%				1				1	1
		<i>Prevotella</i> L16476 93%				1				1	1
		<i>Pseudomonas</i> AY379974 96%		4					4		4
		<i>Rhizobiales</i> AB121772 96%			2				2		2
		<i>Bacteria</i> AJ619064 87%	1						1		1
		<i>Thermomicrobium</i> AY250886 93%	1						1		1
		<i>Veillonella</i> AF186071 91%					1			1	1
		<i>Xanthomonadaceae</i> AJ619045 94%	3						3		3
		<b>Subtotal</b>	<b>61</b>	<b>16</b>	<b>8</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>85</b>	<b>13</b>	<b>98</b>
<b>Total number of clones examined</b>			<b>208</b>	<b>204</b>	<b>202</b>	<b>204</b>	<b>203</b>	<b>200</b>	<b>614</b>	<b>607</b>	<b>1221</b>
<b>Number of SLOTU detected</b>			<b>67</b>	<b>39</b>	<b>46</b>	<b>50</b>	<b>54</b>	<b>32</b>	<b>119</b>	<b>99</b>	<b>182</b>
<b>Number of SLOTU detected from both arms in the same subject</b>			<b>23</b>	<b>10</b>	<b>13</b>	<b>12</b>	<b>15</b>	<b>8</b>	<b>43</b>	<b>31</b>	<b>68</b>

\*Closest identity and % identity shown.