



PMC full text: [BMC Microbiol. 2009; 9: 102.](#)

Published online 2009 May 20. doi: [10.1186/1471-2180-9-102](https://doi.org/10.1186/1471-2180-9-102)

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Table 1

Detailed composition of the neovaginal microflora of 30 swab samples, as determined by culture and tDNA-PCR based identification.

| Cultured species | n | Cultured species | n |
|---|----|--------------------------------------|----|
| Actinobacteria | | Firmicutes | |
| <i>Actinobaculum massiliense</i> | 2 | <i>Anaerococcus hydrogenalis</i> | 1 |
| <i>Actinobaculum schaalii</i> | 1 | <i>Anaerococcus tetradius</i> | 1 |
| <i>Actinomyces meyeri</i> | 6 | <i>Anaerococcus vaginalis</i> | 3 |
| <i>Actinomyces neuui</i> | 2 | <i>Bacillus</i> sp. | 1 |
| <i>Actinomyces radingae</i> | 1 | <i>Clostridium perfringens</i> | 1 |
| <i>Actinomyces</i> sp. | 2 | <i>Enterococcus faecalis</i> | 13 |
| <i>Actinomyces turicensis</i> | 1 | <i>Enterococcus</i> sp. | 1 |
| <i>Actinomyces urogenitalis</i> | 2 | <i>Facklamia hominis</i> | 1 |
| <i>Arcanobacterium bernardiae</i> | 1 | <i>Finegoldia magna</i> | 7 |
| <i>Arcanobacterium pyogenes</i> like | 1 | <i>Lactobacillus casei</i> | 1 |
| <i>Atopobium vaginace</i> | 2 | <i>Peptoniphilus indolicus</i> | 6 |
| <i>Bifidobacterium bifidum</i> | 1 | <i>Peptoniphilus lacrimalis</i> | 6 |
| <i>Bifidobacterium longum</i> | 1 | <i>Peptoniphilus</i> sp. | 6 |
| <i>Corynebacterium aurimucosum</i> | 2 | <i>Staphylococcus aureus</i> | 3 |
| <i>Corynebacterium glucuronolyticum</i> | 1 | <i>Staphylococcus capitis</i> | 1 |
| <i>Corynebacterium pseudogenitalium</i> | 1 | <i>Staphylococcus cohnii</i> | 1 |
| <i>Corynebacterium</i> sp. | 13 | <i>Staphylococcus epidermidis</i> | 19 |
| <i>Gardnerella vaginalis</i> | 1 | <i>Staphylococcus haemolyticus</i> | 8 |
| <i>Mobiluncus curtisi</i> | 10 | <i>Staphylococcus hominis</i> | 3 |
| <i>Olsenella uli</i> | 1 | <i>Staphylococcus lugdunensis</i> | 3 |
| <i>Slackia exigua</i> | 2 | <i>Staphylococcus pettenkoferi</i> | 3 |
| <i>Varibaculum cambriense</i> | 7 | <i>Staphylococcus simulans</i> | 1 |
| | | <i>Staphylococcus</i> sp. | 6 |
| Bacteroidetes | | <i>Staphylococcus warneri</i> | 2 |
| <i>Bacteroides coagulans</i> | 8 | <i>Streptococcus agalactiae</i> | 4 |
| <i>Bacteroides ureolyticus</i> | 10 | <i>Streptococcus anginosus</i> group | 16 |
| <i>Porphyromonas somerae</i> | 6 | <i>Streptococcus dysgalactiae</i> | 1 |
| <i>Prevotella bivia</i> | 1 | <i>Streptococcus oralis</i> | 1 |

| Cultured species | n | Cultured species | n |
|----------------------------------|---|--|---|
| <i>Prevotella corporis</i> | 4 | <i>Streptococcus</i> sp. | 4 |
| <i>Prevotella disiens</i> | 1 | | |
| <i>Prevotella</i> sp. | 1 | Possible novel species and genera* | |
| | | TSWGenotypeA <i>Betaproteobacterium</i> [FM945400] | 4 |
| Fusobacteria | | TSWGenotypeB <i>Porphyromonas</i> sp. [FM945401] | 1 |
| <i>Fusobacterium nucleatum</i> | 1 | TSWGenotypeC <i>Bacteroidetes</i> [FM945402] | 3 |
| <i>Fusobacterium</i> sp. | 2 | TSWGenotypeD <i>Clostridia</i> [FM945403] | 5 |
| | | TSWGenotypeE <i>Clostridia</i> [FM945404] | 2 |
| Proteobacteria | | TSWGenotypeF <i>Clostridia</i> [FM945405] | 1 |
| <i>Acinetobacter</i> sp. | 1 | TSWGenotypeG <i>Clostridia</i> [FM945406] | 1 |
| <i>Alcaligenes faecalis-like</i> | 1 | TSWGenotypeH <i>Bacilli</i> [FM945407] | 2 |
| <i>Escherichia coli</i> | 7 | TSWGenotypeI <i>Brevibacterium</i> sp. [FM945408] | 2 |
| <i>Klebsiella pneumoniae</i> | 1 | | |
| <i>Proteus mirabilis</i> | 1 | | |

* accession number between brackets