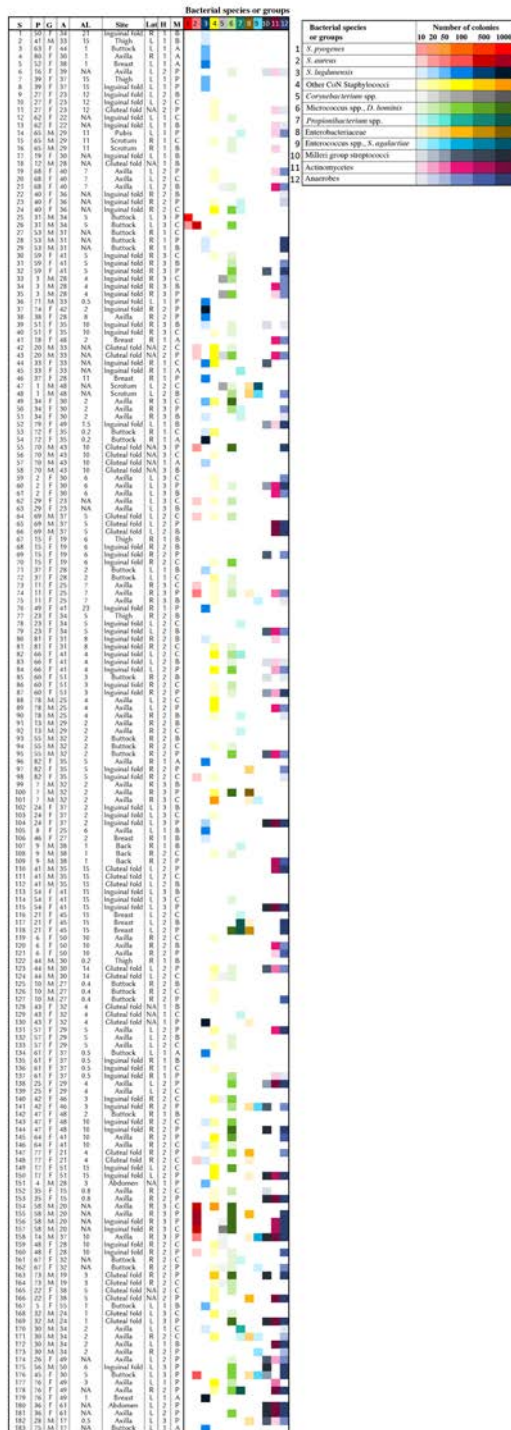
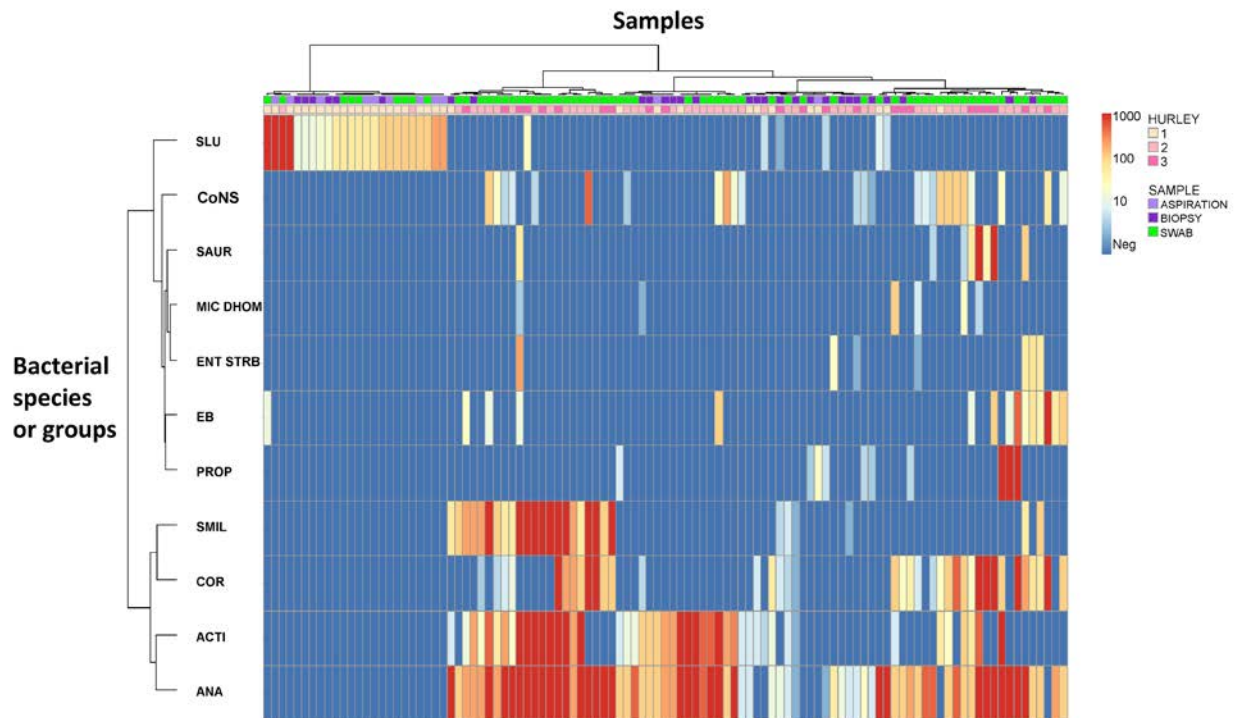


Bacterial Pathogens Associated with Hidradenitis Suppurativa, France

Technical Appendix



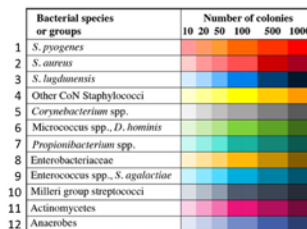
Technical Appendix Figure 1. Microbiological results of 183 samples collected from 82 patients in whom hidradenitis suppurativa was diagnosed. The 183 samples comprised 125 lesional samples (11 needle aspirations of abscesses, 49 biopsies of nodules or open suppurative lesions, and 65 swabs of open suppurative lesions) and 58 control samples performed by swabbing normal perilesional skin. S: Sample number; P: Patient number; G: Gender; A: Age (years); AL: Age of lesion (years); Lat: Laterality; H: Hurley stage of the lesion; M: Method of sampling (A, needle aspiration; B, biopsy; C, perilesional control swabs; P, purulent drainage swabs); NA, Data not available; CoN staphylococci : Coagulase negative staphylococci. Each line correspond to one sample. Each column correspond to one group of bacteria (indicated by a number and a color). The relative abundance of bacteria is indicated by a color gradient.



Technical Appendix Figure 2. Dendrogram of the bacterial flora associated with lesional samples. The bacterial isolates of 105 culture-positive lesional samples were used to perform hierarchical clustering (*S. pyogenes* lesional sample is not represented here). Each column represents a sample and each line represents a bacterial group. The nature of the sample (needle aspiration/biopsy/swab) is figured with a light purple or purple or green square at the top of the colored map. Hurley's staging is specified with a white/pink gradient for each sample. Each column represents a sample and each line represents a bacterial group. The relative abundance of a given bacterial group in a sample is indicated by a blue/red gradient SLU: *Staphylococcus lugdunensis*, CoNS: Coagulase negative staphylococci; SAUR: *Staphylococcus aureus*; MIC-DHOM: *Micrococcus* spp., *Dermabacter hominis*; ENT_STRB: Enterococci, *Streptococcus agalactiae*; PMIR_EB: *Proteus mirabilis*, enterobacteria; PROP: *Propionibacterium* spp.; SMIL: Streptococci of the Milleri group, COR: *Corynebacterium* spp.; ACTI: Actinomycetes, ANA: Strict anaerobes, STRA: *Streptococcus pyogenes*.

Profile A samples

Sample	P	S	Site	Hurley	Bacterial species or groups													
					1	2	3	4	5	6	7	8	9	10	11	12		
Aspiration	63	3	Buttock	1	1													
	80	4	Axilla	1														
	52	5	Breast	1														
	72	54	Buttock	1														
	70	57	Gluteal fold	1														
	82	96	Axilla	1														
	61	134	Buttock	1														
	76	179	Breast	1														
	75	183	Buttock	1														
Biopsy	50	1	Inguinal fold	1														
	41	2	Thigh	1														
	37	71	Buttock	1														
	8	105	Axilla	1														
	46	106	Breast	1														
Swab	5	167	Buttock	1														
	39	7	Thigh	1														
	39	8	Inguinal fold	1														
	71	36	Inguinal fold	1														
	37	46	Breast	1														
	49	76	Inguinal fold	1														
	43	130	Gluteal fold	1														
	4	151	Abdomen	1														
74	37	Inguinal fold	2															
38	38	Axilla	2															



Technical Appendix Figure 3. Profile A: *S. lugdunensis* was the unique or predominant isolate in 24 of 106 positive cultures of 125 samples collected. P: Patient number; S: Sample number; CoNS: Coagulase negative staphylococci. Each line correspond to one sample. Each column correspond to one group of bacteria (indicated by a number and a color). The relative abundance of bacteria is indicated by a color gradient.

