

Parallel bacterial evolution within multiple patients identifies candidate pathogenicity genes.

Lieberman TD et al. Nature Genetics:43, 1275-1280,2011

Tarmo Puurand
Jclub in Bioinformatics
5.12.2011

Uurimisobjekt

- *Burkholderia dolosa*
- Genoom 6,42 Mb (Kolm kromosoomi: 3,41 Mb, 2,18 Mb ja 0,83 Mb).
- Referentsgenoom AU0158.

Referents genome

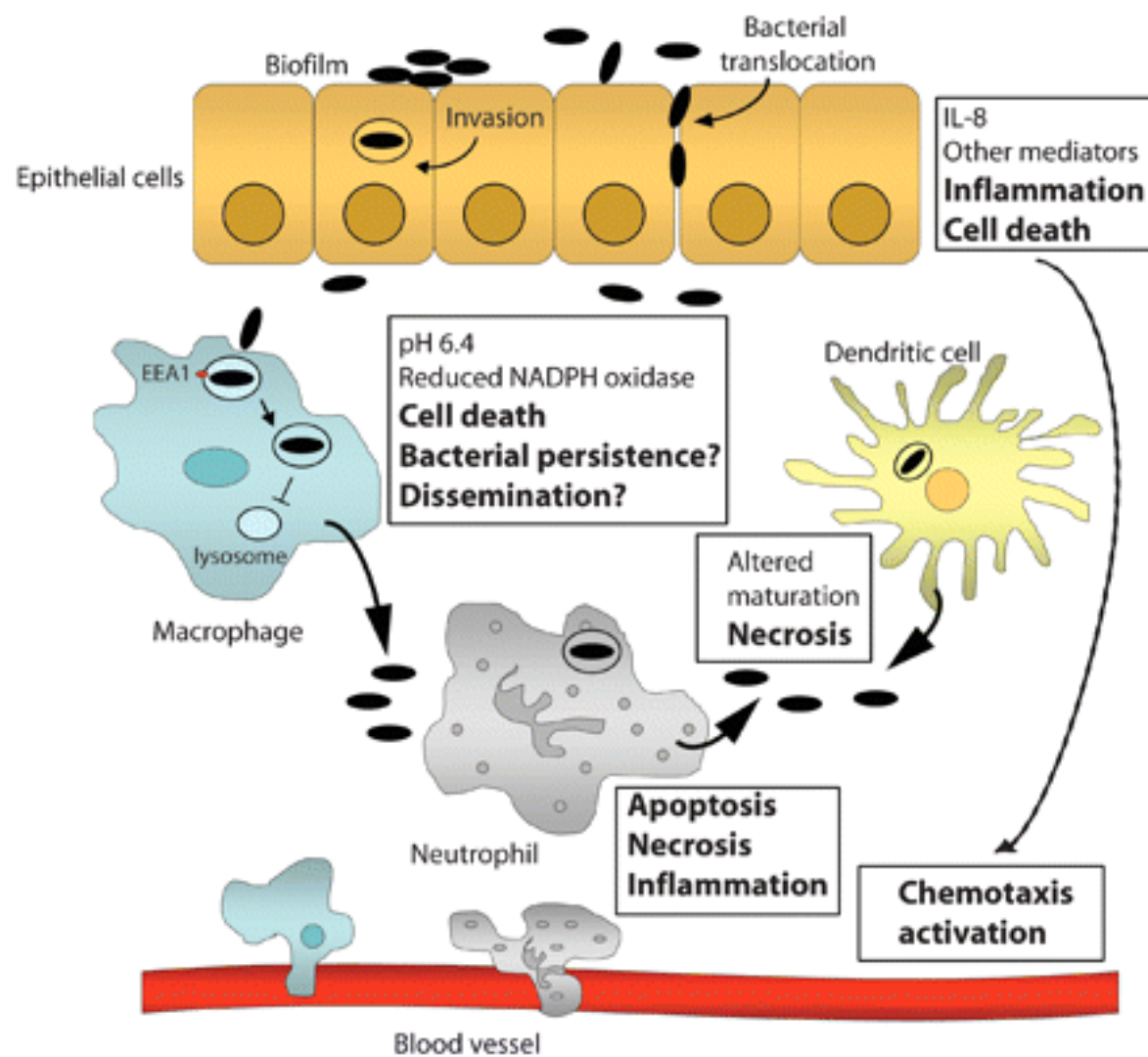
Genome and Assembly Statistics

Genome Stats

	Size	Chrs	%GC	Genes	tRNAs	rRNAs	% Repeat
B. dolosa AUO158	6.42 Mb	N/A	66.81	5,014	0	--	N/A

Assembly Stats

	Coverage	Assembly Size	Total Contig Length	Scaffolds	Scaffold N50	Contigs	Contig N50	% Q40
B. dolosa AUO158	7.63X	6.42 Mb	6.25 Mb	3	3.41 Mb	233	50.16 Kb	95.11

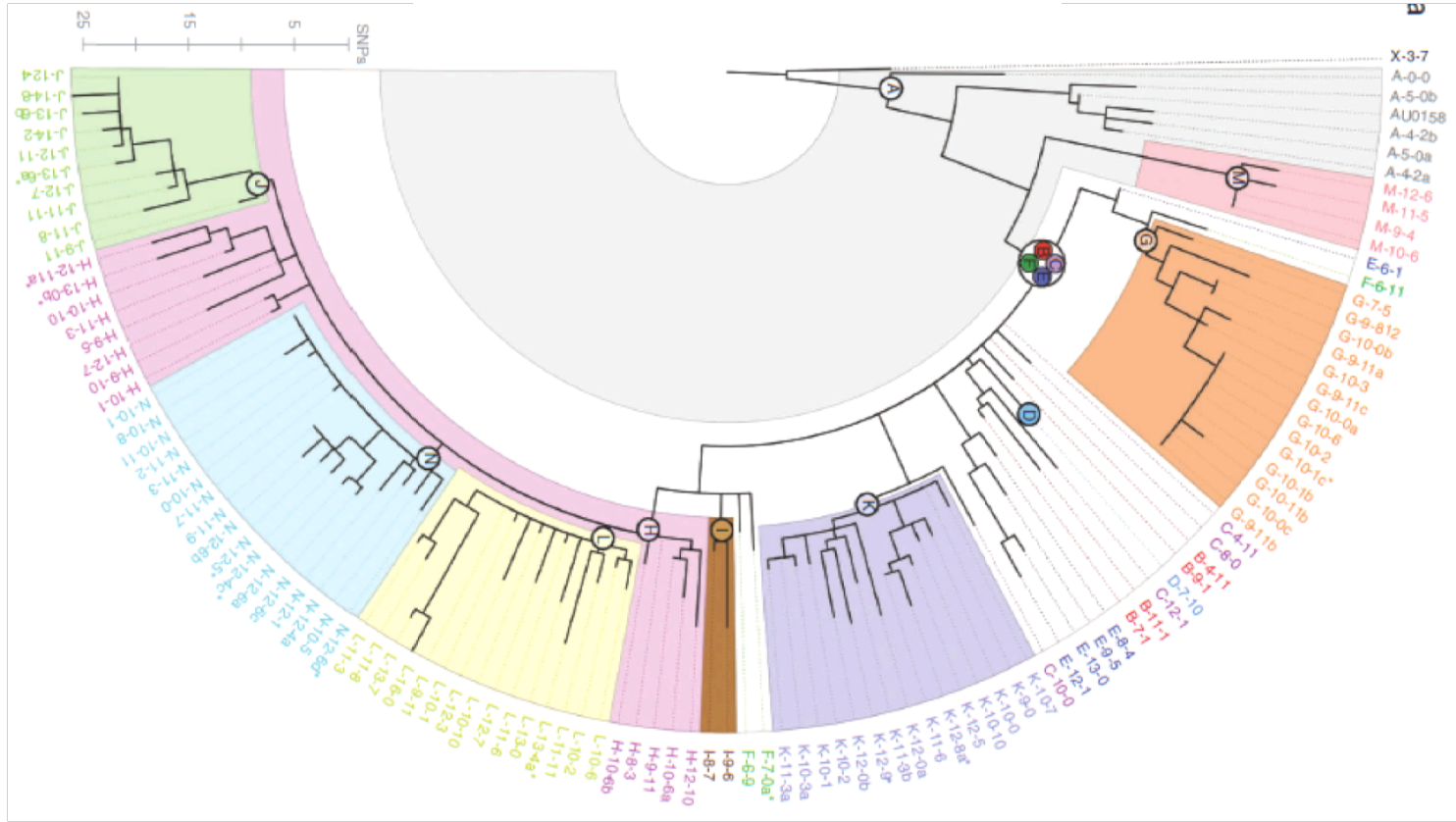


Proovid

Study name	Sample origin	SRA Accession
Patient A		
A-0-0	Airway	SRS242477
A-4-2a	Airway	SRS242478
A-4-2b	Airway	SRS242497
A-5-0a	Airway	SRS242395
A-5-0b	Airway	SRS242479
Patient B		
B-4-11	Airway	SRS242400
B-7-1	Airway	SRS242414
B-9-1	Airway	SRS242401
B-11-1	Airway	SRS242412
Patient C		
C-4-11	Airway	SRS242415
C-8-0	Airway	SRS242484
C-10-0	Airway	SRS242416
C-12-1	Airway	SRS242485
Patient D		
D-7-10	Airway	SRS242441
Patient E		
E-6-1	Airway	SRS242402
E-8-4	Airway	SRS242417
E-9-5	Airway	SRS242428
E-12-1	Airway	SRS242430
E-13-0	Airway	SRS242480

Study name	Sample origin	SRA Accession
Patient J		
J-9-11	Airway	SRS242466
J-11-8	Airway	SRS242439
J-11-11	Airway	SRS242406
J-12-4	Airway	SRS242440
J-12-7	Airway	SRS242407
J-13-6a-\$	Blood	SRS242468
J-13-6b	Airway	SRS242467
J-12-11	Airway	SRS242469
J-14-8	Airway	SRS242408
J-14-2	Airway	SRS242470

14 indiviidilt (A-N) võeti 16 aasta jooksul 112 proovi. Koodis on esimene täht indiviid, teine ja kolmas number on vanus aastates ja kuudes. \$- verest võetud proov.



Browser

