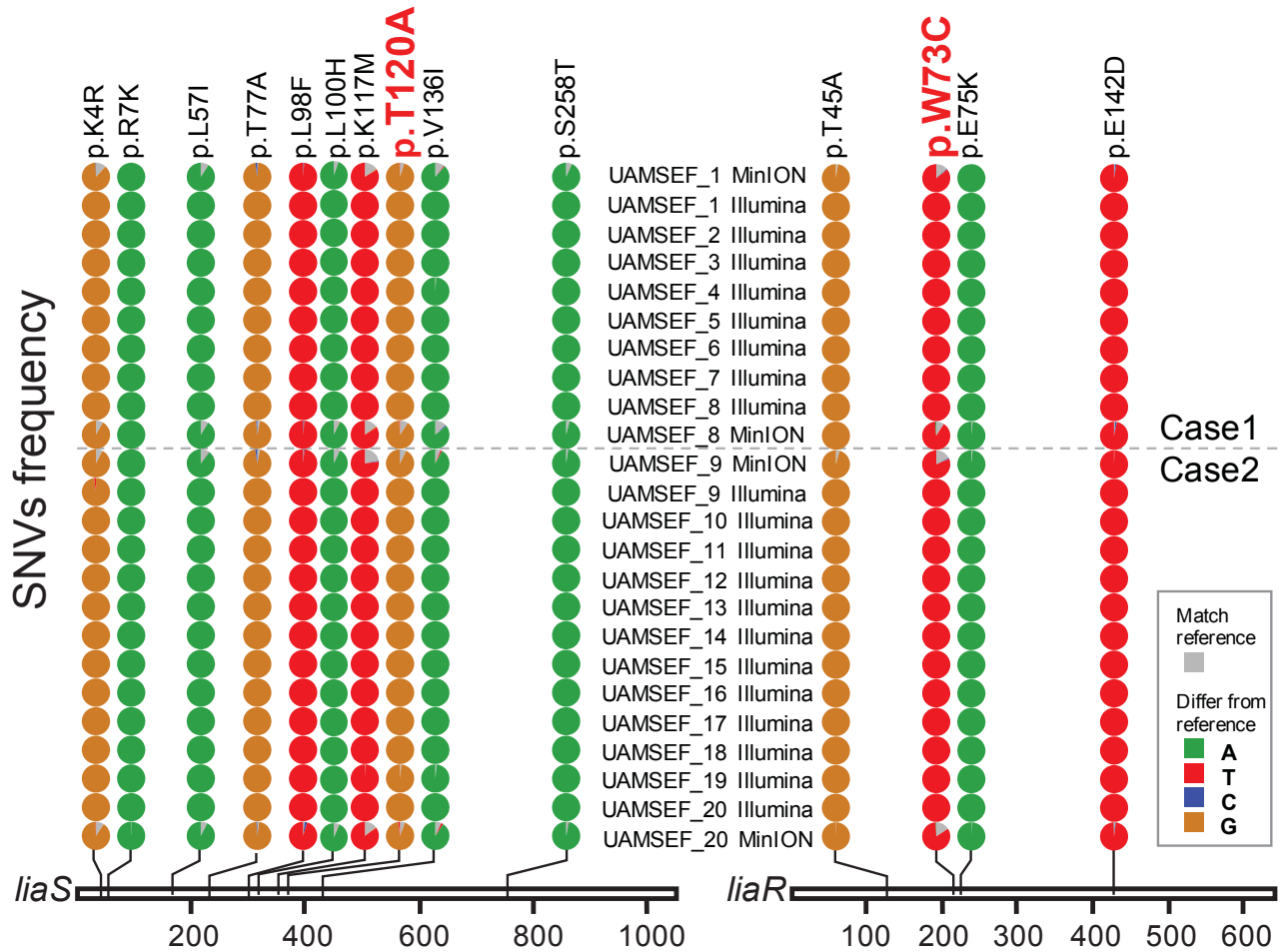


Supplementary Figure 1. Case report timeline. Main clinical events related to the development of a DAP non-susceptible phenotype are represented. Green colored lines correspond to patient 1 and brown to patient 2. Length of the bars were adjusted in order to address readability of the event's labels



Supplementary Figure 2. Visualization of SNVs frequency on *liaS* (left panel) and *liaR* (right panel) genes from case 1 and 2. Lollipop (pie chart) plot of SNVs frequency of missense variants found on *liaS* and *liaR* genes on the 20 sequenced isolates. The base frequency at each locus represent as a gray color in pie chart. If a nucleotide differs from the reference sequence, the pie chart was colored in proportion to the frequency of each base (A=green, C=blue, T=red, G=brown). Variants found are ordered from top (UAMSEF_1) to bottom (UAMSEF_20). The most common mutations in the DAP resistant phenotype (LiaST120A and LiaRW73C) are labeled in red color.

<i>E. faecium</i>																	
UAMSEF_19	2	Illumina	1	1	1	1	1	1	0.993	0.985	0.985	1	1	1	1	1	
<i>E. faecium</i>																	
UAMSEF_20	2	Illumina	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
<i>E. faecium</i>																	
UAMSEF 20	2	MinION	0.905	0.996	0.926	0.978	0.981	0.939	0.855	0.942	0.929	0.977	0.995	0.84	0.994	0.99	
