

Supplemental File S4: Alignment of putative amino acid sequences of AIPs from ST75, ST883 and from *agr* groups I to IV.

AIP-I:	-----YSTCDFIM-----
NCTC8325, CP000253.1[2094440:2094580]:	MNTLFNLFDFITGILKNIGNIAAYSTCDFIMDEVEVPKELTQLHE-
COL, CP000046.1[2083704:2083844]:	MNTLFNLFDFITGILKNIGNIAAYSTCDFIMDEVEVPKELTQLHE-
FPR3757, CP000255.1[2147508:2147648]:	MNTLFNLFDFITGILKNIGNIAAYSTCDFIMDEVEVPKELTQLHE-
UK9810618, DQ157966.1[2183:2323]:	MNTLFNLFDFITGILKNIGNIAAYSTCDFIMDEVEVPKELTQLHE-
ST75-MRSA-IV 03-17848, FJ154839.1[578:718]:	MNTLFNLLFELITGILKNIGNIAAYSTCDFIMDEVEVPKELTQLHE-
AIP-II:	-----GVNACSSLF-----
Mu50, BA000017.4[2156442:2156585]:	MNTLVNMFDFIIKLAKAIGIVGGVNACSSLFDEPKVPAELTNLYDK
N315, BA000018.3[2080012:2080155]:	MNTLVNMFDFIIKLAKAIGIVGGVNACSSLFDEPKVPAELTNLYDK
RF122, AJ938182.1[2046158:2046301]:	MNTLVNMFDFIIKLAKAIGIVGGVNACSSLFDEPKVPAELTNLYDK
AIP-III:	-----YINCDFLL-----
MW2, BA000033.2[2108616:2108756]:	MKKLLNKVIELLVDFNFNSIGYRAAYINCDFLLDEAEVPKELTQLHE-
MSSA476, BX571857.1[2087741:2087881]:	MKKLLNKVIELLVDFNFNSIGYRAAYINCDFLLDEAEVPKELTQLHE-
MRSA252, BX571856.1[2184634:2184774]:	MKKLLNKVIELLVDFNFNSIGYRAAYINCDFLLDEAEVPKELTQLHE-
AIP-IV:	-----YSTCYFIM-----
H560, DQ157981.1[2182:2322]:	MNTLLNIFDFITGVLKNIGNVASYSTCYFIMDEVEIPKELTQLHE-
RN4850, DQ229853.1[2198:2338]:	MNTLLNIFDFITGVLKNIGNVASYSTCYFIMDEVEIPKELTQLHE-
ST883-MRSA-IV 06-16607:	MNTLLNLFNLITGILKNIGNVASYSTCYFIMDEVEIPKELTQLHE-