

SUPPLEMENTARY INFORMATION

***Staphylococcus aureus* can use an alternative pathway to be internalized by osteoblasts in absence of β 1 integrins**

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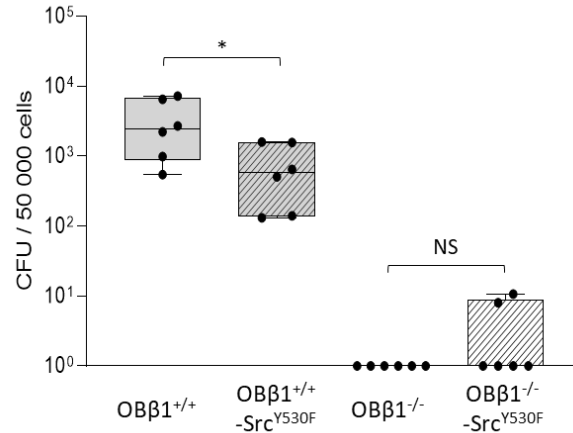


Figure S1: Constitutive activation of Src was not able to rescue the internalization of *Staphylococcus aureus* 8325-4 in OBβ1^{-/-} cells. Internalization experiments were performed using OBβ1^{+/+}, OBβ1^{+/+}-Src^{Y530F} (with a constitutive activation of Src), OBβ1^{-/-} and OBβ1^{-/-}-Src^{Y530F}. Results were presented as number of intracellular colony-forming units (CFU) for 50 000 cells. Two independent experiments in technical triplicates (3 wells for each condition for each experiment) were performed. Non-parametric Mann-Whitney tests were performed. * means $p < 0.05$. NS means that no significative difference was observed.

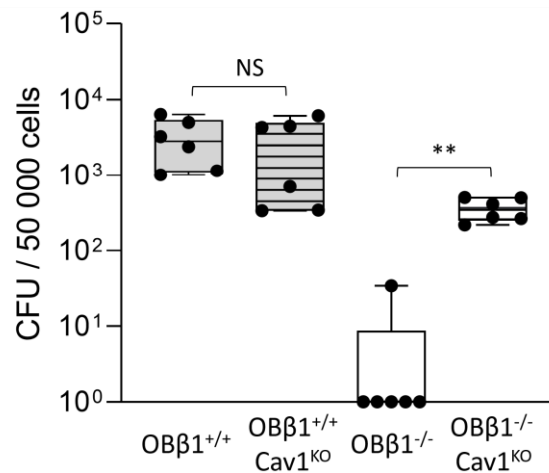


Figure S2: Caveolin1 deletion in OBβ1^{+/+} did not impact the internalization of *Staphylococcus aureus* 8325-4. Internalization experiments were performed using OBβ1^{+/+}, OBβ1^{+/+}Cav1^{KO}, OBβ1^{-/-} and OBβ1^{-/-}Cav1^{KO}. Results were presented as number of intracellular colony-forming units (CFU) for 50 000 cells. At least 2 independent experiments in technical triplicates (3 wells for each condition for each experiment) were performed. Non-parametric Mann-Whitney tests were performed. ** means $p < 0.01$. NS means that no significative difference was observed.