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Information about the contributions of each person named as having participated in the study

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- 2) Authors who participated in the conception of the study: Loic Dupre and Ronan Calvez
- 3) Design & Methods. The following authors were responsible for specific investigations (please detail):
- Ronan Calvez performed most experiments, analysed the results and contributed to the writing of the paper
- Fanny Lafouresse performed some of the experiments and their analysis, and contributed to the discussion
- Julie De Meester performed some of the experiments and their analysis, and contributed to the discussion
- Anne Galy prepared and provided control materials and contributed to the discussion of theresults
- Salvatore Valitutti contributed to the design of the research and discussed results
- Loic Dupre designed the research, performed some of the experiments, supervised the experiments and their analysis and wrote the paper
- 4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):
- Ronan Calvez and Julie De Meester were responsible for Figure 1
- Ronan Calvez and Loic Dupre were responsible for Figure 2
- Ronan Calvez was responsible for Figure 3
- Ronan Calvez, Fanny Lafouresse and Loic Dupre were responsible for Figure 4
- Ronan Calvez was responsible for Figure 5
- Ronan Calvez was responsible for Figure S1
- Ronan Calvez, Fanny Lafouresse and Loic Dupre were responsible for Figure S2
- Ronan Calvez and Julie De Meester were responsible for Figure S3
- Ronan Calvez was responsible for Figure S4
- Ronan Calvez, Fanny Lafouresse and Loic Dupre were responsible for Figure S5
- Ronan Calvez was responsible for Figure S6
- Ronan Calvez, Fanny Lafouresse and Loic Dupre were responsible for Figure S7

- Ronan Calvez, Fanny Lafouresse and Loic Dupre were responsible for Videos1-8
- 5) Writing the manuscript. The following authors were responsible for writing the manuscript:
- Loic Dupre and Ronan Calvez were responsible for writing the manuscript

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