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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**: Fabrice Jardin, Herv e Tilly
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3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):

- Sylvain Mareschal (bioinformatics)
- Fabrice Jardin, Herv e Tilly (clinical data base build)
- Philippe Ruminy (bioinformatics and molecular experiments)
- H el ene Lanic (molecular experiments)

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):

- Sylvain Mareschal : performed biostatistical analysis and build the figures

5) **Writing the manuscript**. The following authors were responsible for writing the manuscript:

- Fabrice Jardin and Sylvain Mareschal wrote the manuscript
- H Tilly and C Bastard revised it critically

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