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

1) Guarantor(s), i.e., person(s) who is (are) responsible for the integrity of the work as a whole:

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2) Authors who participated in the conception of the study: Shalapour, Shabnam

3) Design & Methods. The following authors were responsible for specific investigations

- Shalapour, Shabnam: Quantification of VLA-4 by QRT-PCR, FACS and ICC; Cell culture Experiments, cell proliferation and adhesion assay, western blot analysis, statistical analysis
- Hof, Jana: gene expression analysis, statistical analysis
- Kirschner-Schwabe, Renate: Gene expression analysis, statistical analysis
- Lorenz Bastian: Cell culture experiments
- Eckert, Cornelia: Patients and Samples, statistical analysis
- Prada, Javier: Cell proliferation and adhesion assay
- Henze, Günter: Patients and Samples
- von Stackelberg, Arend: Patients and Sample, statistical analysis
- Seeger, Karl: Patients and Samples, statistical analysis

4) Results. The following authors were responsible for specific portions of the results, including figures and tables

- Shalapour, Shabnam: Performed experiments and analyzed data: Table 1, Table 3, Figure 1-3, Supplementary Table S1- S4, Figure S1-S2, Figure S5
- Hof, Jana: Analyzed results, Table 1, Table 2, Table 3, Figure 1, Figure 2, Supplementary Table S3-S4, Figure S2-S4
- Kirschner-Schwabe, Renate: Performed experiments and analyzed data: Table 3, Figure 2
- Bastian, Lorenz: Analyzed data. Supplementary Table S1
- Eckert, Cornelia: Analyzed data. Table 2, Supplementary Table S1-S2
- Prada, Javier: Analyzed data. Figure 3
- Henze, Günter: Analyzed data.
- von Stackelberg, Arend: Analyzed data. Table 1, Table 2, Figure 1, Supplementary Figure S2-S4
- Karl Seeger: Analysed data: Table 1 and Figure 2

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

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As described in the Manuscript:

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