

Supplementary Figure S4. Characterization of the cells in the scRNA-sequenced ovarian ascites MoMac cluster, related to Fig. 1E.

A - C, Myeloid-derived suppressor cell (MDSC) marker gene expression in the scRNA-sequenced ovarian ascites cells (n = 7 patients). As MoMac cluster (Fig. 1E) was the only cluster expressing ITGAM (CD11b) (A), we clustered these cells (excluding mo-DCs identified in Supplementary Fig. S3) into 12 subclusters (B) to evaluate the expression of known granulocyte-like (PMN-MDSC) and monocyte-like (M-MDSC) MDSC 19) (C). We did not identify markers (18, any clusters corresponding to PMN-MDSC (ITGAM+FUT4+CEACAM8+HLA-DRAlowCD14-OLR1+) M-MDSC or (ITGAM⁺CD14⁺CD33⁺HLA-DRA^{low}FUT4⁻). **D** and **E**, Mapping of monocytes and macrophages to MoMac-VERSE (Mulder et al.) is shown separately for NoR (n = 3) and R (n = 4) patient samples, related to Fig. 1G and H. MoMac-VERSE UMAP plots of mapped IgG4- and bexmarilimab-treated cells (D) and proportions of cells mapped to each MoMac-VERSE cluster (E). F, UMAP plot of all ovarian ascites cells colored by CXCL10 expression. BEX, bexmarilimab; IgG4, isotype control for bexmarilimab; NoR, bexmarilimab non-responsive; R, bexmarilimab responsive.