

Supplementary Material: Cellular Virotherapy Increases Tumor-Infiltrating Lymphocytes (TIL) and Decreases their PD-1⁺ Subsets in Mouse Immunocompetent Models

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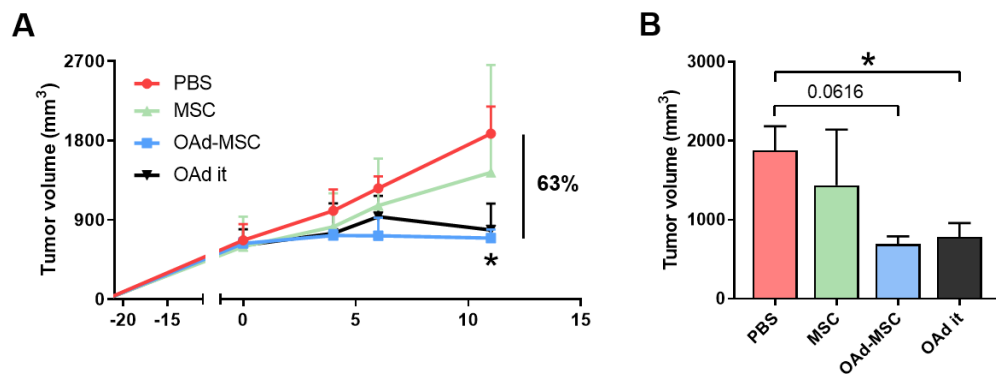


Figure S1. In vivo antitumor efficacy of dIe102 and OAd-MSCs in a mouse model of renal adenocarcinoma. **(A)** Follow-up of tumor volume in BALB/c mice bearing Renca tumors intraperitoneally treated with PBS (red), MSCs (green) or OAd-MSCs (blue), or intratumorally treated with dIe102 (OAd it, black). Data is represented as mean + SEM. **(B)** Tumor volume of control and treated groups at end point. Mann–Whitney U test, * $p < 0.05$.

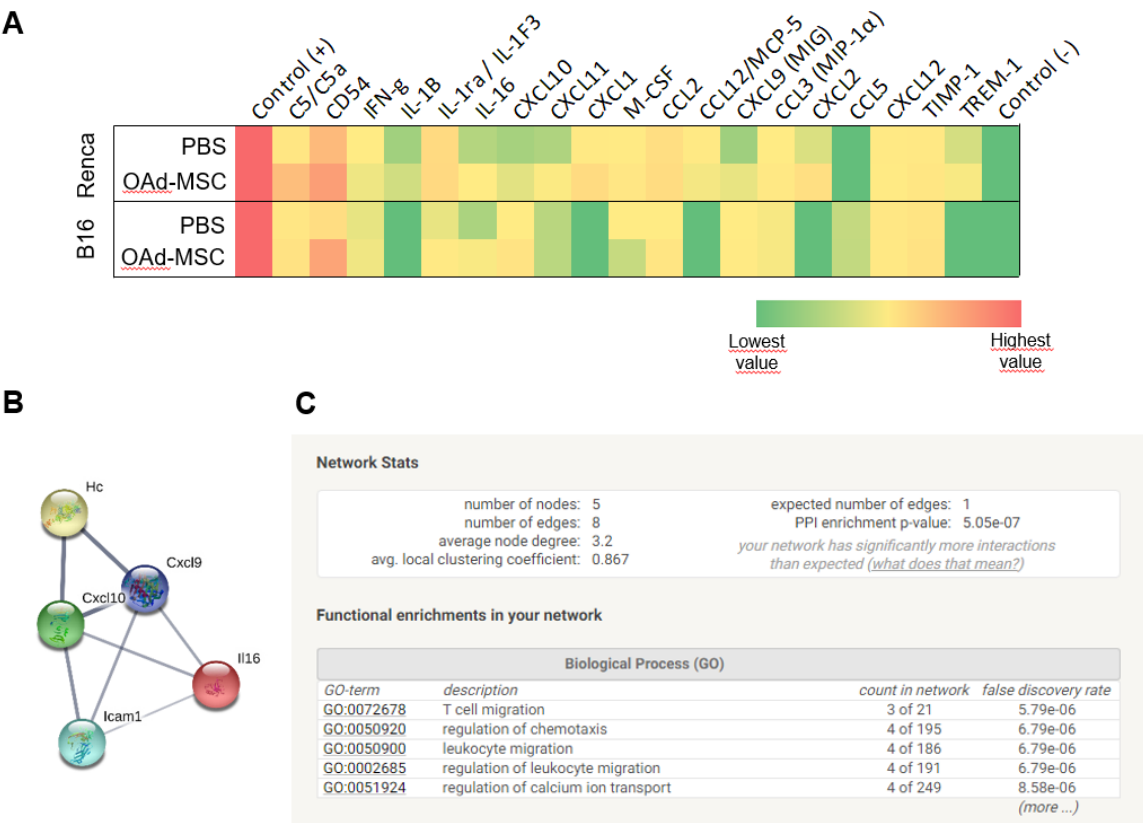


Figure S2. Pro-inflammatory profile in control and treated Renca and B16 tumors. **(A)** Heat-map of pro-inflammatory cytokines expressed in tumors treated with PBS or OAd-MSCs from models of renal adenocarcinoma (Renca) and melanoma (B16). Green indicates low expression, while red indicates high expression. **(B)** Network presenting cytokines with increased expression in both Renca and B16 tumors treated with OAd-MSCs. Line thickness indicates the strength of data support between edges. **(C)** Table shows results from the STRING analysis and the functional enrichments in the network according to the biological process.

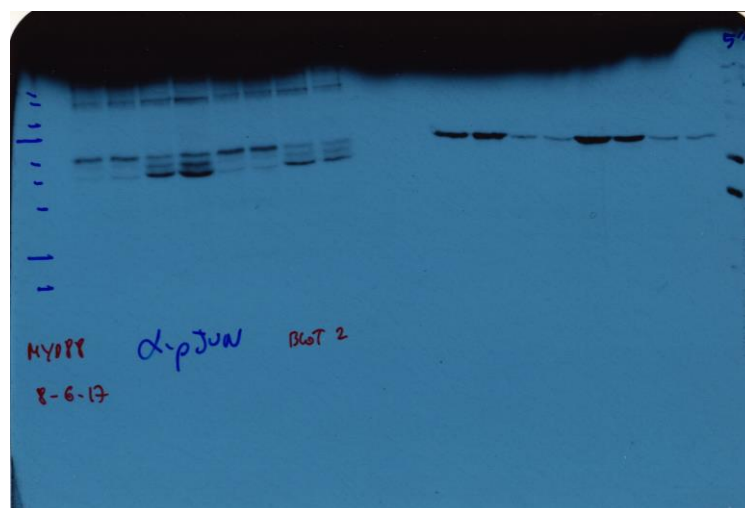


Figure S3. Complete WB of phospho-Jun (blot on the left), corresponding to Figure 1F. First four columns were cropped and included in the manuscript. From left to right: non-infected C57BL/6 MSCs at 3 h, MSCs infected with dIE102 (OAd-MSCs) at 3 h, non-infected MSCs at 24 h, MSCs infected with dIE102 (OAd-MSCs) at 24 h.

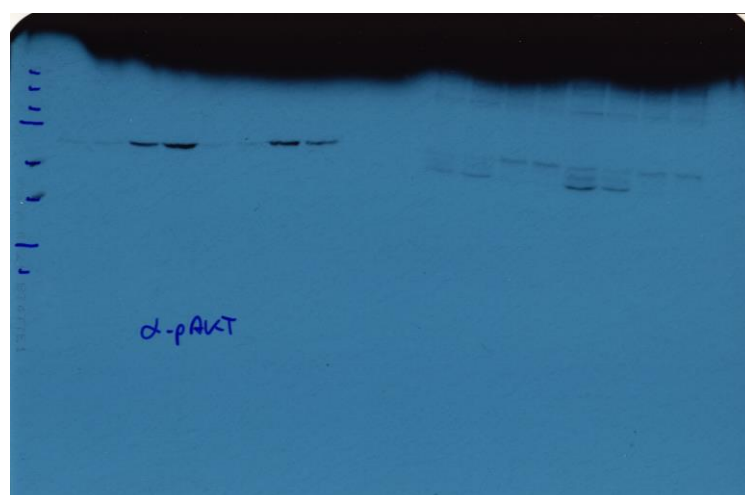


Figure S4. Complete WB of phospho-Akt (blot on the left), corresponding to Figure 1F. First four columns were cropped and included in the manuscript. From left to right: non-infected C57BL/6 MSCs at 3 h, MSCs infected with dIE102 (OAd-MSCs) at 3 h, non-infected MSCs at 24 h, MSCs infected with dIE102 (OAd-MSCs) at 24 h.

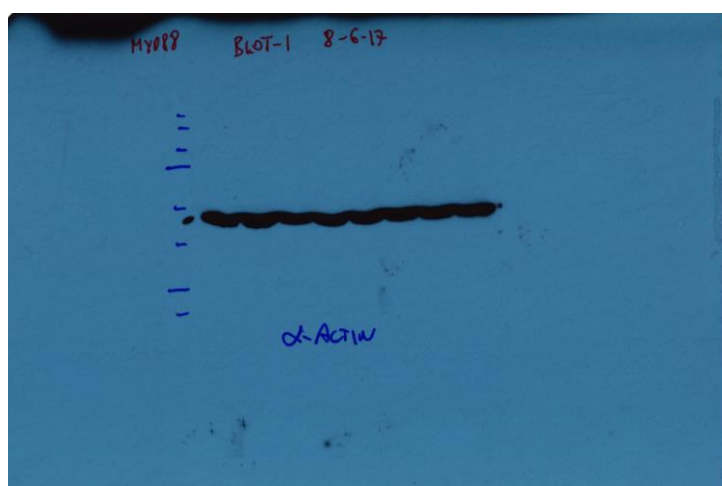


Figure S5. Complete WB of Actin, corresponding to Figure 1F. First four columns were cropped and included in the manuscript. From left to right: non-infected C57BL/6 MSCs at 3 h, MSCs infected with dIE102 (OAd-MSCs) at 3 h, non-infected MSCs at 24h, MSCs infected with dIE102 (OAd-MSCs) at 24 h.

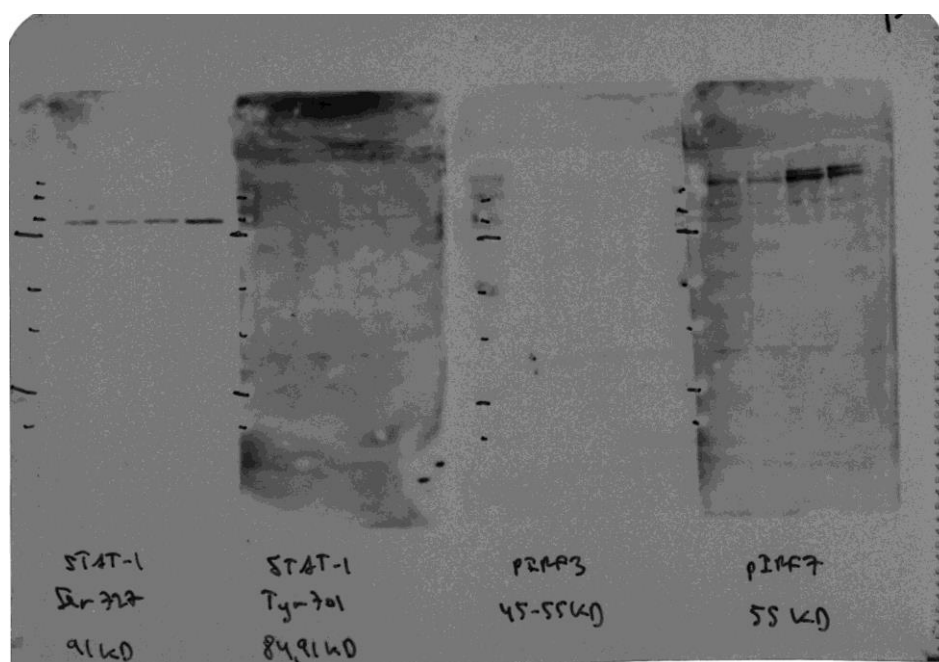


Figure S6. Complete WB of pospho-Stat-1 Ser727 (blot on the left), corresponding to Figure 1G. Images were cropped and included in the manuscript. From left to right: non-infected C57BL/6 MSCs at 3 h, MSCs infected with dIE102 (OAd-MSCs) at 3 h, non-infected MSCs at 24 h, MSCs infected with dIE102 (OAd-MSCs) at 24 h.

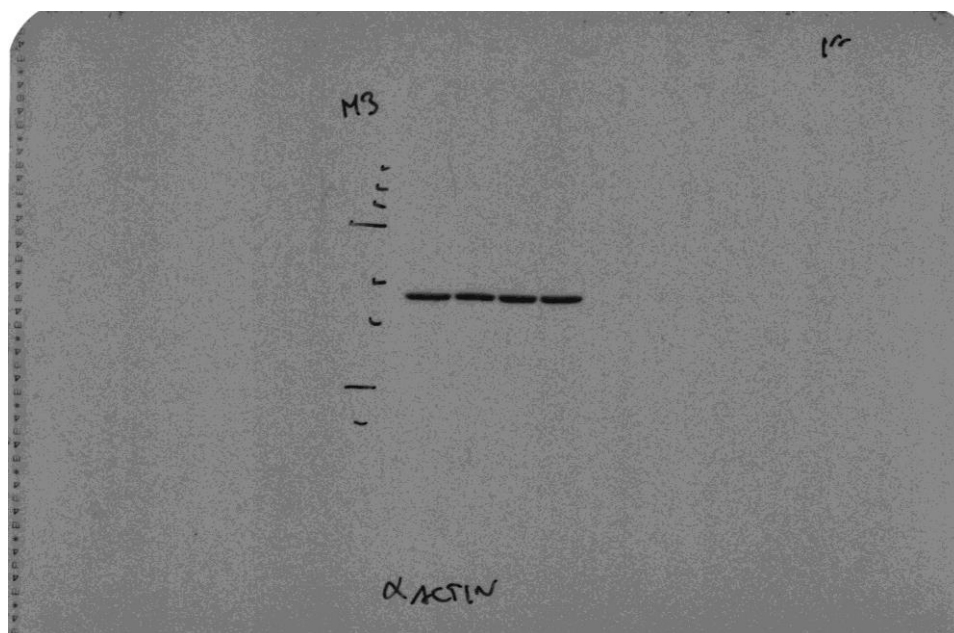


Figure S7. Complete WB of Actin, corresponding to Figure 1G. First four columns were cropped and included in the manuscript. From left to right: non-infected C57BL/6 MSCs at 3 h, MSCs infected with dIE102 (OAd-MSCs) at 3 h, non-infected MSCs at 24h, MSCs infected with dIE102 (OAd-MSCs) at 24 h.