cancers

Supplementary Material: Long-Term Antitumor CD8+ T Cell Immunity Induced by Endogenously Engineered Extracellular Vesicles

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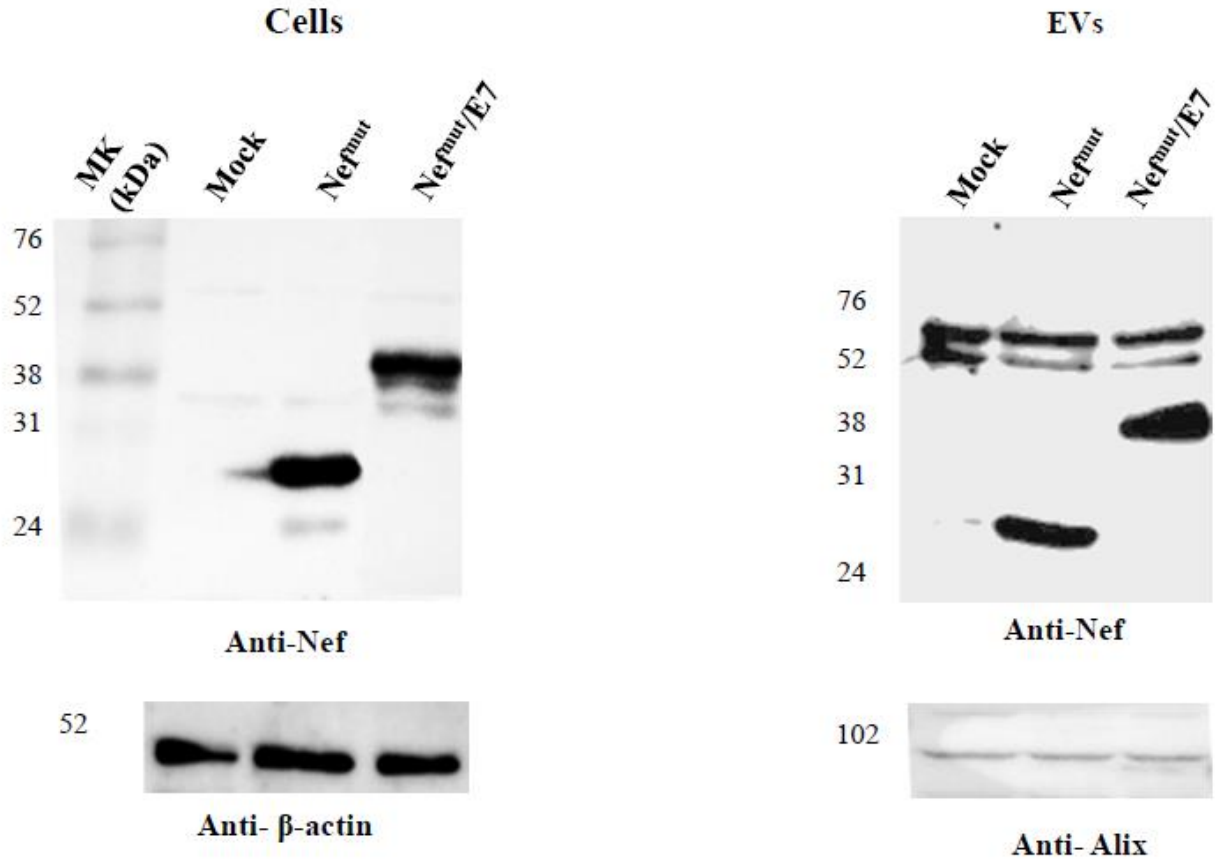

Figure S1. Western blot analysis for the expression of Nefmut/E7 in HEK293T cells and respective EVs. Raw data.

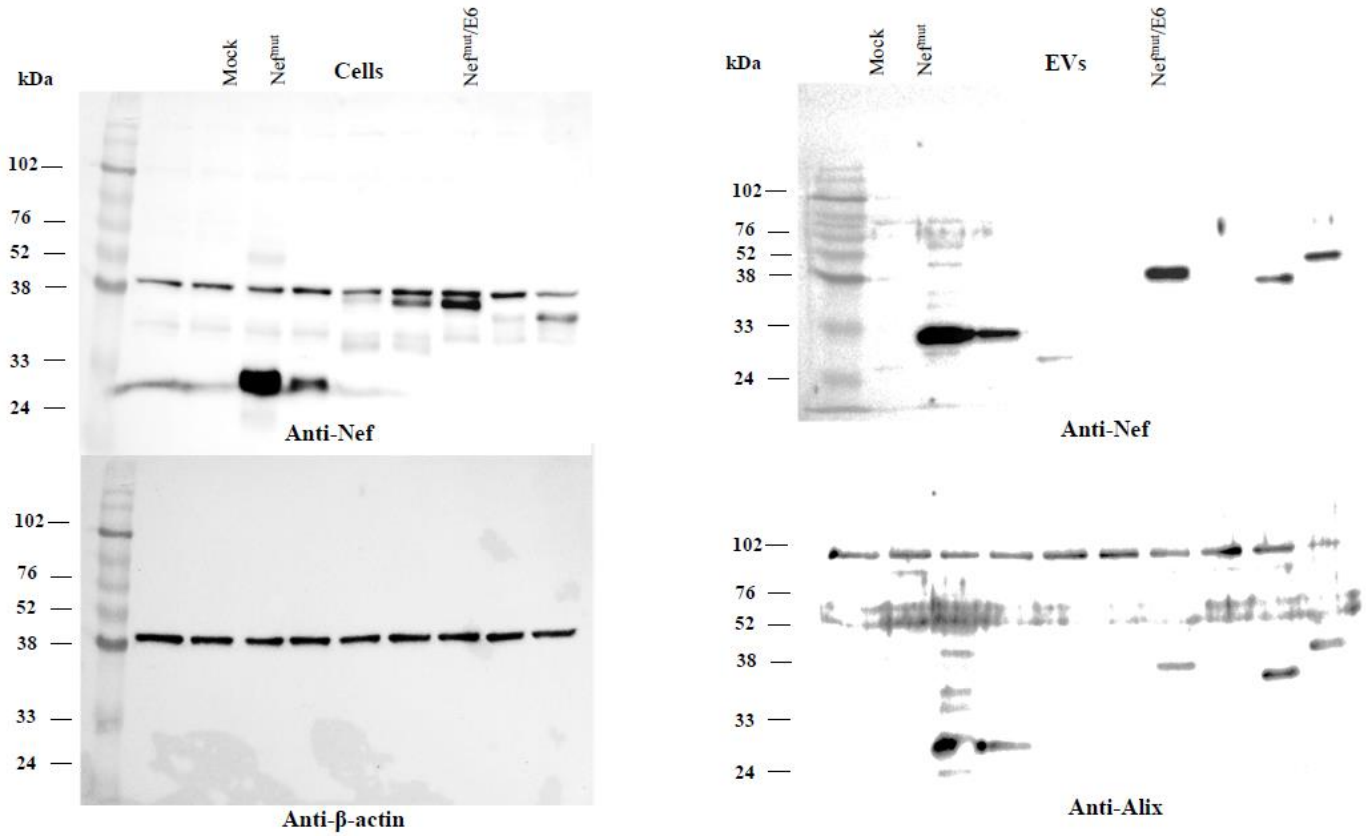

Figure S2. Western blot analysis for the expression of Nefmut/E6 in HEK293T cells and respective EVs. Raw data.

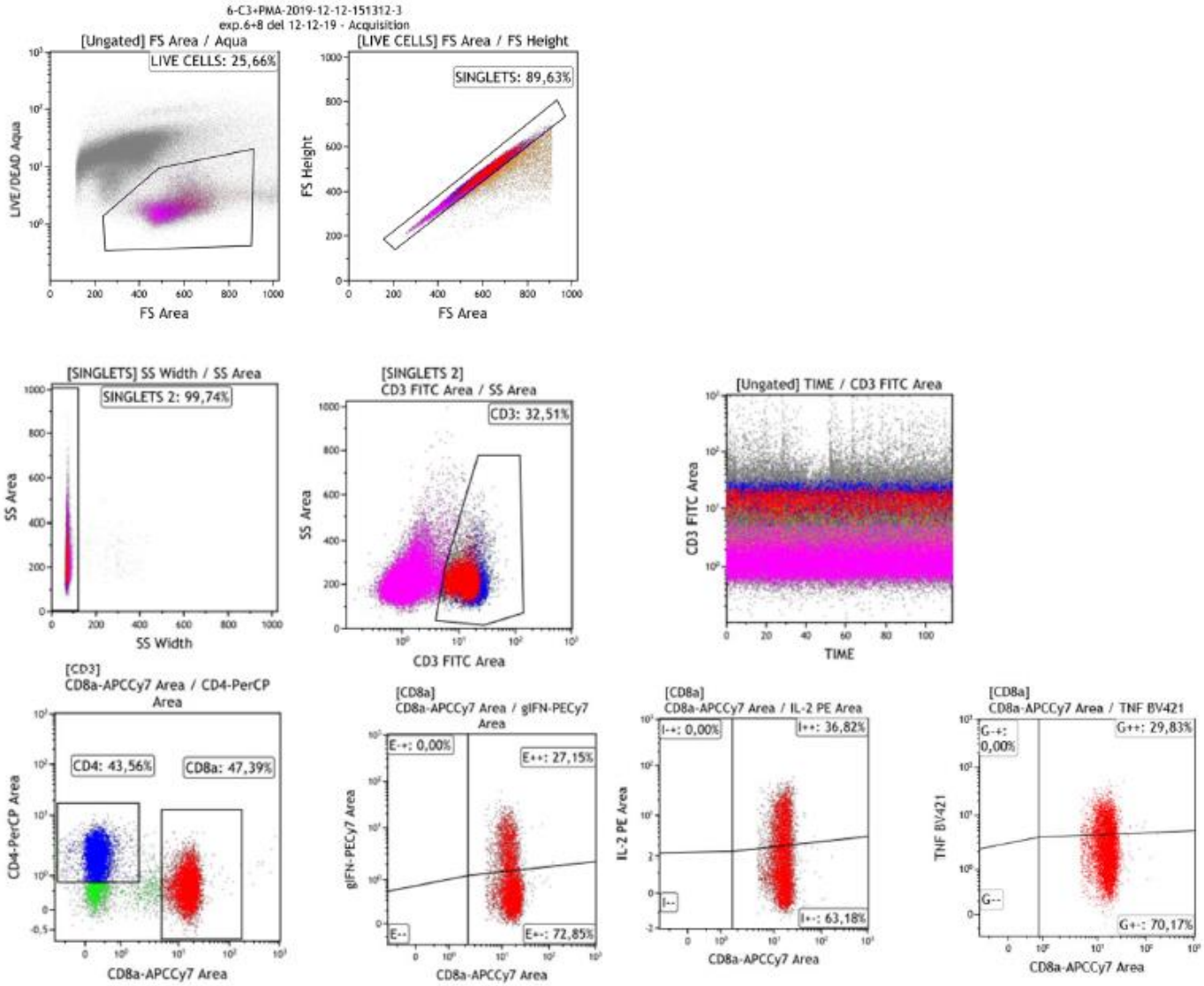

Figure S3. Gating strategy carried out in flow cytometry analysis of splenocytes from injected mice. shown is the analysis on PMA-treated cells.

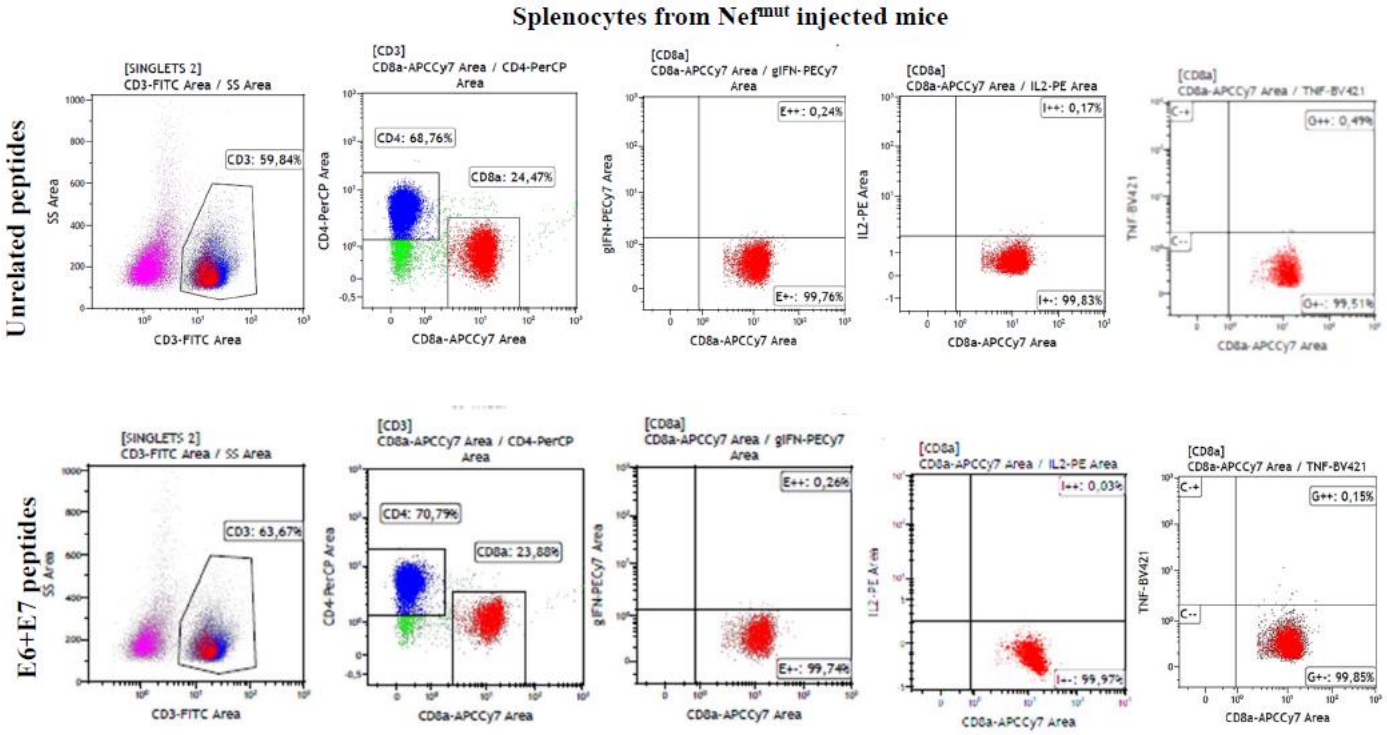

Figure S4. Representative flow cytometer plots from the analysis of splenocytes isolated from Nefmut injected mice, and treated with either MHC Class I-matched, unrelated nonamers (upper plots) or HPV16 E6/E7-specific nonamers (lower plots).

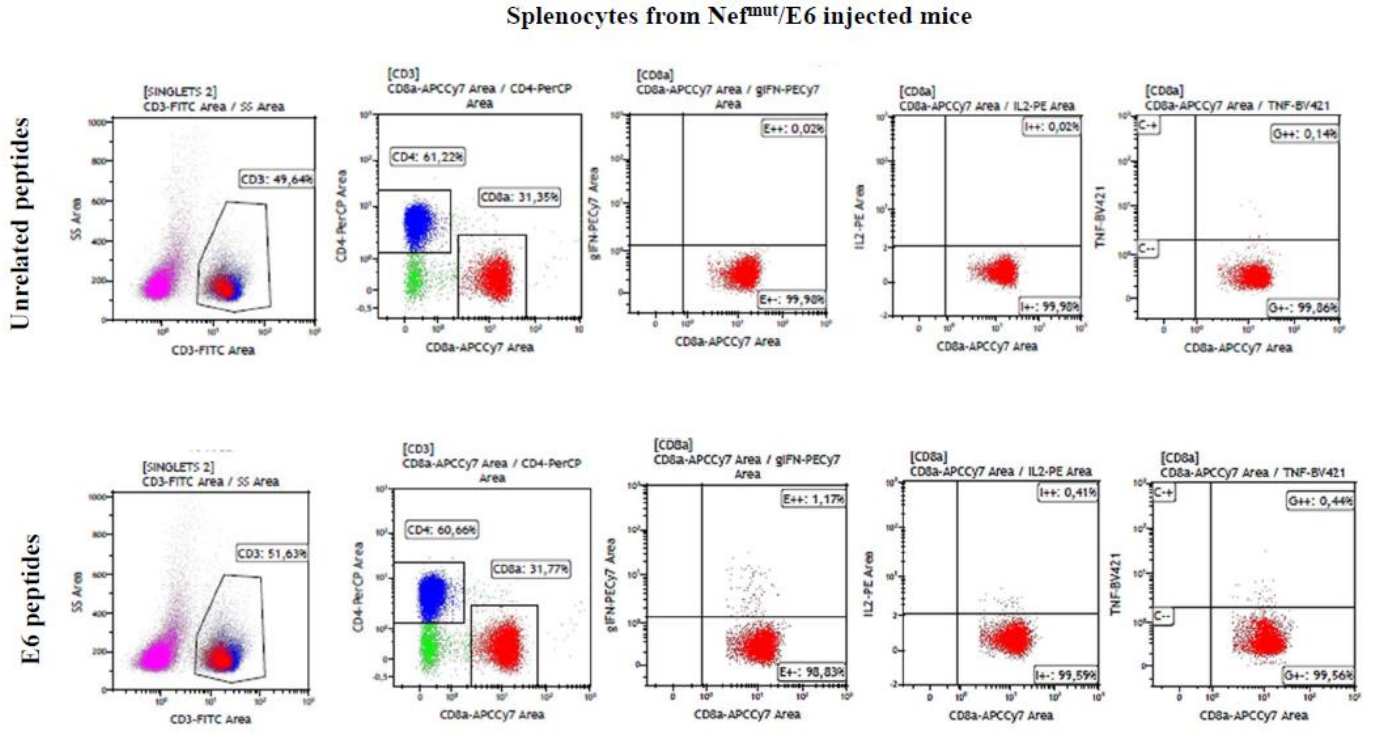

Figure S5. Representative flow cytometer plots from the analysis of splenocytes isolated from Nefmut/E6 injected mice, and treated with either MHC Class I-matched, unrelated nonamers (upper plots) or HPV16 E6-specific nonamers (lower plots).

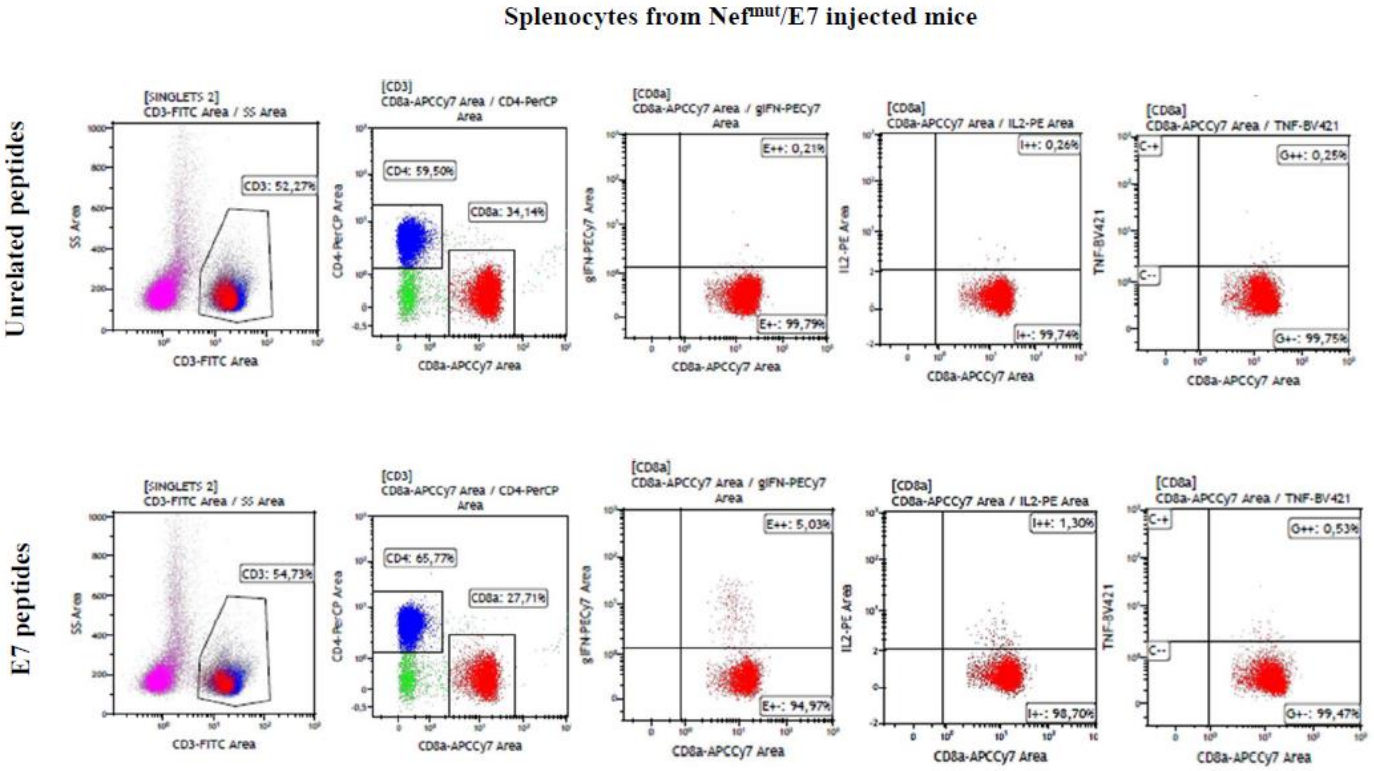

Figure S6. Representative flow cytometer plots from the analysis of splenocytes isolated from Nefmut/E7 injected mice, and treated with either MHC Class I-matched, unrelated nonamers (upper plots) or HPV16 E7-specific nonamers (lower plots).

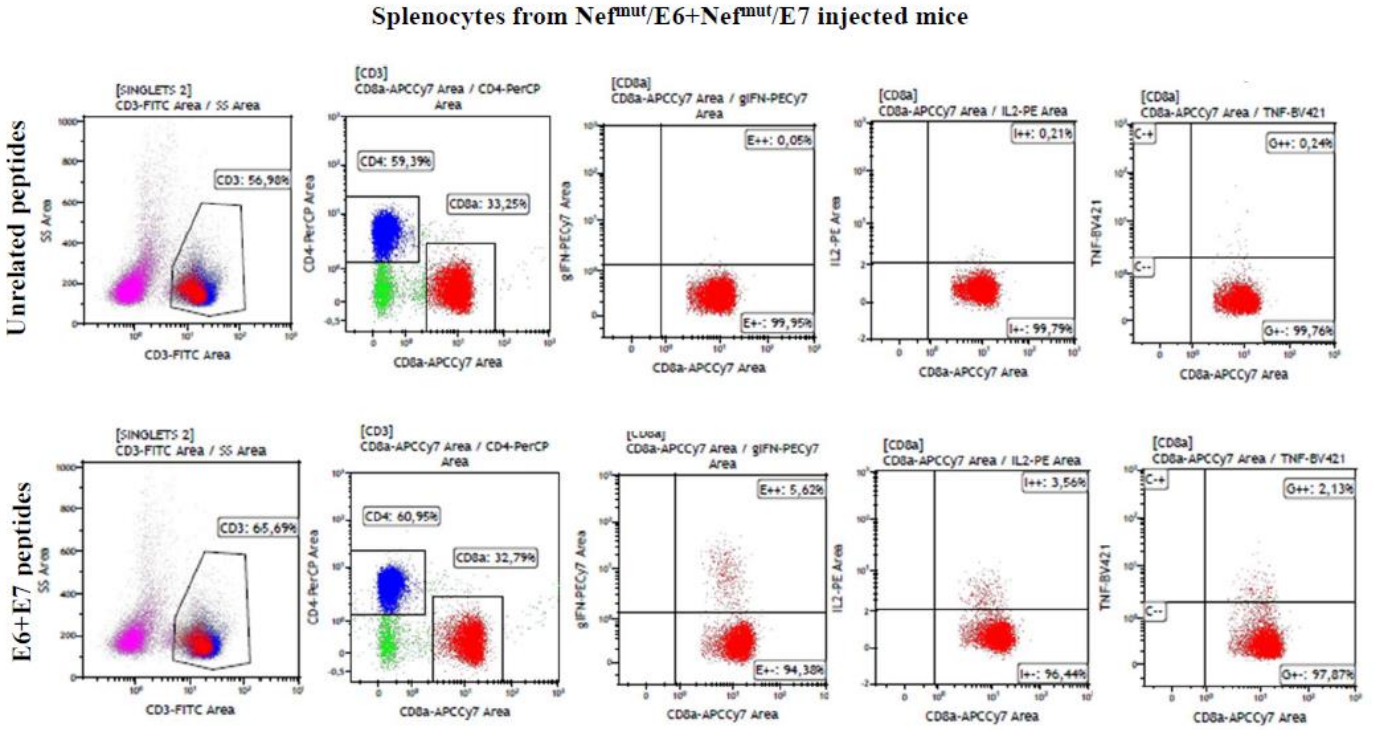

Figure S7. Representative flow cytometer plots from the analysis of splenocytes isolated from mice injected with Nefmut/E6 and Nefmut/E7 vectors, and treated with either MHC Class I-matched, unrelated nonamers (upper plots) or HPV16 E6+E7-specific nonamers (lower plots).

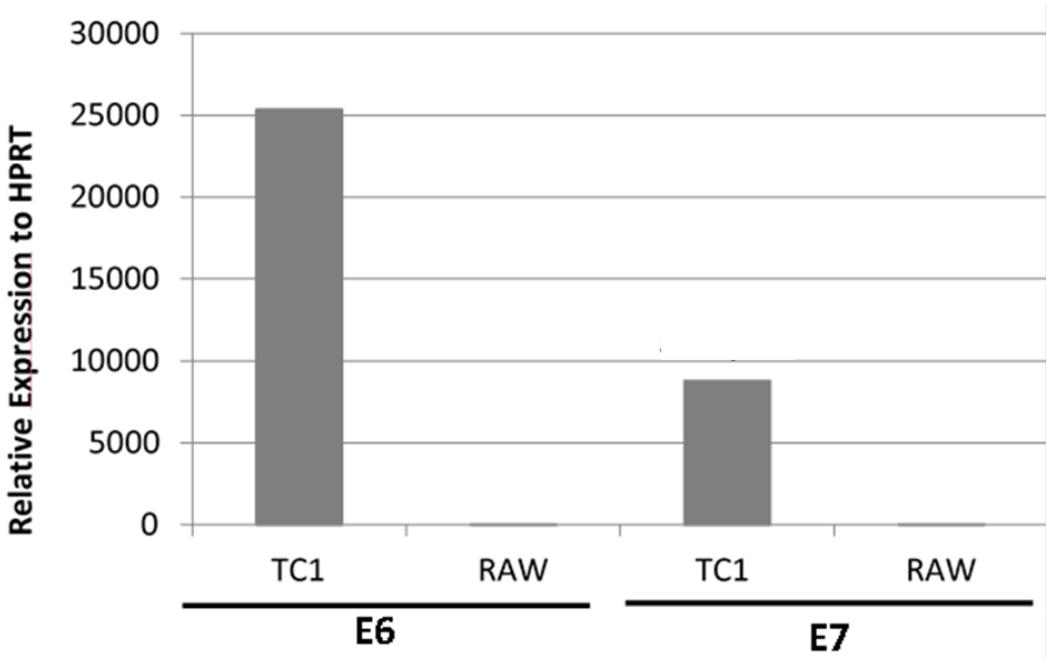

Figure S8. HPV16-E6 and -E7 gene expression in TC-1 cells. HPV16-E6 and -E7 gene expression was quantified by qRT-PCR in TC-1 cells and RAW murine cells as control. Gene expression was normalized by amplifying samples for hypoxanthine guanine phosphoribosyltransferase (HPRT) as house-keeping RNA.

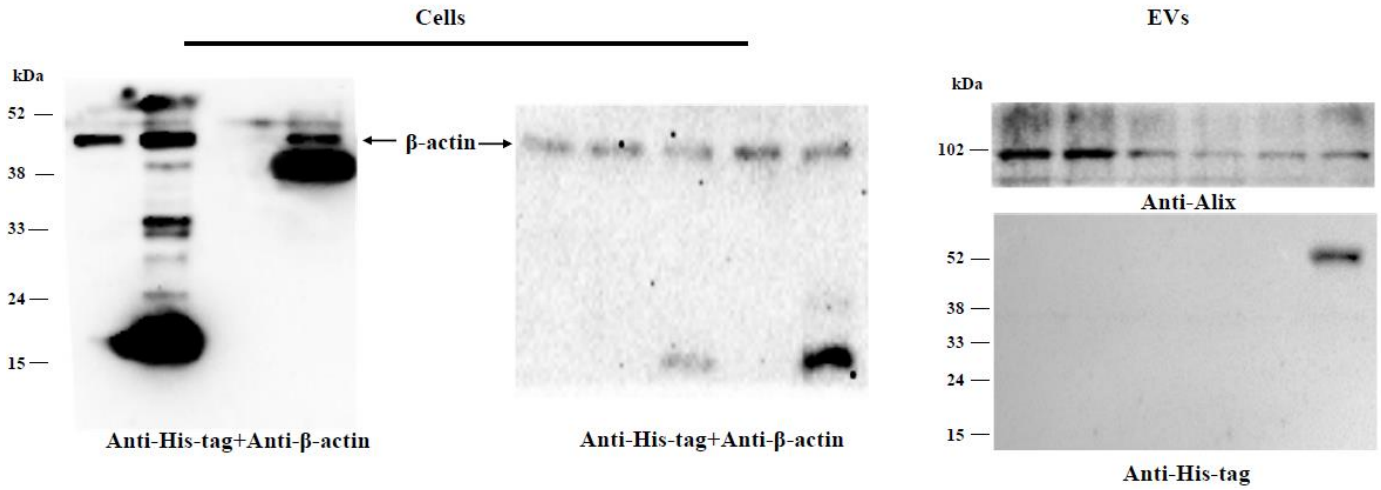

Figure S9. Western blot analysis for the expression of HPV16-E6 and -E7 in HEK293T cells and respective EVs. Raw data.