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Supplemental Information

**Myxoma Virus-Loaded Mesenchymal Stem Cells
in Experimental Oncolytic Therapy
of Murine Pulmonary Melanoma**

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Table S1. Primers

Gene name	Forward primer (5'-3')	Reverse primer (5'-3')
<i>mPD-L1/CD274</i>	TGCGGACTACAAGCGAATCACG	CTCAGCTTCTGGATAACCCCTCG
<i>mINFγ</i>	CAGCAACAGCAAGGCGAAAAAGG	TTTCCGCTTCCTGAGGCTGGAT
<i>mPD-1</i>	CGGTTTCAAGGCATGGTCATTGG	TCAGAGTGTCGTCCTTGCTTCC
<i>mIL-15</i>	GTAGGTCTCCCTAAAACAGAGGC	TCCAGGAGAAAGCAGTTCATTGC
<i>mCD8a</i>	ACTACCAAGCCAGTGCTGCGAA	ATCACAGGCGAAGTCCAATCCG
<i>mCD4</i>	G TTCAGGACAGCGACTTCTGGA	GAAGGAGAACTCCGCTGACTCT
<i>mTNF-α</i>	GGTGCCTATGTCTCAGCCTCTT	GCCATAGA ACTGATGAGAGGGAG
<i>mIL-1β</i>	TGACCTTCCAGGATGAGGACA	G TTCATCTCGGAGCCTGTAGTG
<i>mGAPDH</i>	CATCACTGCCACCCAGAAGACTG	ATGCCAGTGAGCTTCCC GTTCAG
<i>hB2M</i>	CCACTGAAAAAGATGAGTATGCCT	CCAATCCAAATGCGGCATCTTCA
<i>hGAPDH</i>	GTCTCCTCTGACTTCAACAGCG	ACCACCCTGTTGCTGTAGCCAA

Multimedia File S1. Co-culture of MYXV-infected MSCs with melanoma cells. Time-lapse (3-48h) fluorescence microscopy of vMyx-EGFP-infected (MOI=10) MSCs (green fluorescence) co-cultured (1:2 cell/cell ratio) with mRFP-expressing B16-F10 (red fluorescence). Cell-to-cell contact (visible from ca. 3-h time point) between MSCs and melanoma cells enabling cross-infection; yellow-orange fluorescence (overlay) from infected melanoma cells visible besides red and green signals (magn. 10 \times , scale bar 50 μ m); (AVI file: 97.4 MB).