

Supplemental Material

Supplemental Table S1. Antibodies utilized in cell staining.

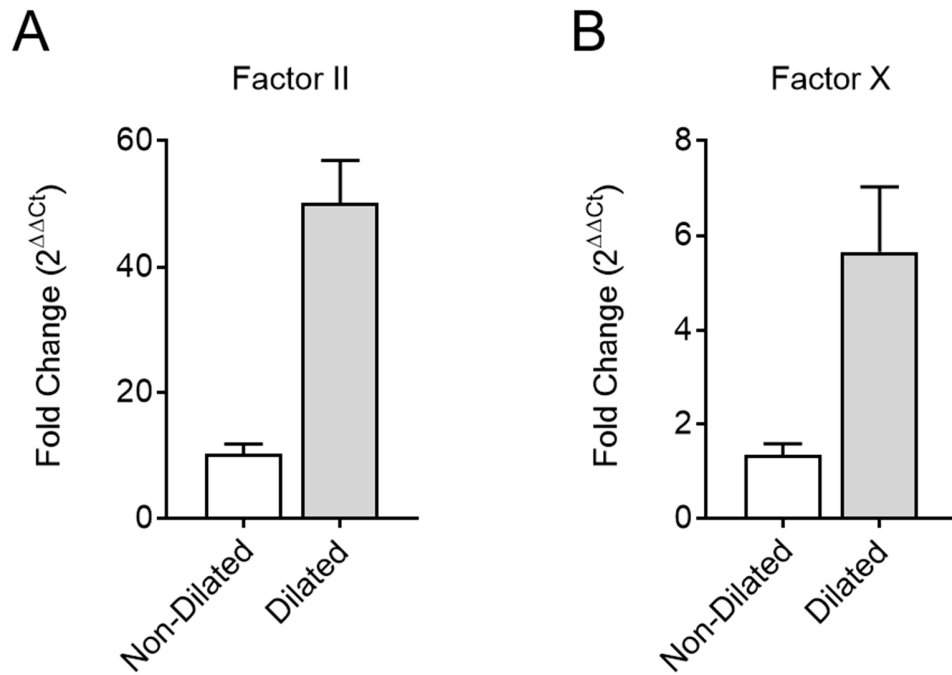
Name	Company	Catalog	Usage	Concentration
Rabbit monoclonal caldesmon	Abcam	Ab32330	Immunohistochemistry	1:100
Rabbit polyclonal to CD3	Abcam	ab93077	Immunohistochemistry	1:100
Rabbit polyclonal to CD11b	Abcam	ab75476	Immunohistochemistry	1:400
Rabbit polyclonal to CCR6	Abcam	ab78429	Immunohistochemistry	1:500
Rabbit polyclonal to CD83	Abcam	ab64875	Immunohistochemistry	1:100
Rat monoclonal F4/80	Abcam	ab15694	Immunohistochemistry	1:100
Anti-CD3-PerCP-Cy5.5	eBioscience	45-0031-80	Flow cytometry	1:100
Anti-CD8-APC-eFluor780	eBioscience	47-0081-80	Flow cytometry	1:100
Anti-CD4-PE-Cy7	eBioscience	25-0041-81	Flow cytometry	1:100
Anti-IFN γ -FITC	eBioscience	11-7311-71	Flow cytometry	1:100
Anti-IL4-PE	eBioscience	12-7041-71	Flow cytometry	1:100
Anti-IL17a-AF647	eBioscience	51-7177-80	Flow cytometry	1:100
Anti-FoxP3-eFluor450	eBioscience	48-5773-80	Flow cytometry	1:100
Anti-CD19-Cy7	eBioscience	25-0193-81	Flow cytometry	1:100
Anti-CD34-PerCP-Cy5.5	Biolegend	128607	Flow cytometry	1:100
Anti-NK1.1-eFluor450	eBioscience	48-5941-80	Flow cytometry	1:100
Anti-CD11b-APC-eFluor780	eBioscience	47-0112-80	Flow cytometry	1:100
Anti-CD11c-APC-eFluor780	eBioscience	47-0114-80	Flow cytometry	1:100
Anti-CD83-PE	Biolegend	121507	Flow cytometry	1:100
Anti-CD206-FITC	Biolegend	123005	Flow cytometry	1:100
Anti-CCR6-APC	Biolegend	129813	Flow cytometry	1:100

Supplemental Table S2. Immune cell types and corresponding fluorochrome-labeled antibodies.

Cell Types	Marker
Cytotoxic T cell	Anti-CD3-PerCP-Cy5.5; Anti-CD8-APC-eFluor780
T helper cell	Anti-CD3-PerCP-Cy5.5; Anti-CD4-PE-Cy7
Th1 cell	Anti-IFN γ -FITC
Th2 cell	Anti-IL4-PE
Th17 cell	Anti-IL17a-AF647
Treg cell	Anti-FoxP3-eFluor450
B cell	Anti-CD19-Cy7
Hematopoietic stem cell	Anti-CD34-PerCP-Cy5.5
NK cell	Anti-NK1.1-eFluor450
Monocyte	Anti-CD11b/c-APC-eFluor780
Dendritic cell (Mature)	Anti-CD83-PE
Dendritic cell (Immature)	Anti-CD206-FITC
Memory T cell	Anti-CCR6-APC

Supplemental Table S3. Primer sequence utilized in quantitative RT-PCR assays.

Gene Name	Forward Primer	Reverse Primer
Factor II	CCGAAAGGGCAACCTAGAGC	GGCCCAGAACACGTCTGTG
Factor X	GAGGGACACCTACGACTATG	GCCCAGTCTTTCTGAGGCA
uPAR	CAGAGCTTTCCACCGAATGG	GTCCCCGGCAGTTGATGAG
tPA	AACGCAGACAACTTACCAACA	GTTCGCTGCAACTTCGGA
PAI1	TTCAGCCCTTGCTTGCCTC	ACACTTTTACTCCGAAGTCGGT
PAR2	TCCGGTCGTCTACATTATTGTGT	AGGGGGAACCAGATGACAGAG
IL17	TCAGCGTGTCCAAACACTGAG	GACTTTGAGGTTGACCTTCACAT
L-selectin	TCTGGGAAATGGAACGATGACG	CCGTAATACCCTGCATCACAGAT
CCL5	ACCAGTGGAAGTGCTCCA	GCACACACTTGGCGGTTCTT
Traf3	CAGCCTAACCCACCCCTAAAG	TCTTCCACCGTCTTCACAAAC
TNF α	CCCTCACACTCAGATCATCTTCT	GCTACGACGTGGGCTACAG
CCR1	AGCCAGTACGAAGTGATCTGC	CTGCGAGCCCAGTGACAAA
IFN γ	ATGAACGCTACACACTGCATC	CCATCCTTTTGCCAGTTCCTC
CD3	GTGGAACACTTTCTGGGGCATCCTG	TGTTCTCGGCATCGTCCTGGCA
CD4	ACCATGTGCCGAGCCATCTCTTT	CCAGCACCAGCGTCTTCCCTTG
FoxP3	CCCATCCCCAGGAGTCTTG	ACCATGACTAGGGGCACTGTA
Addressin	CTGAGCCCTACATCCTGACCT	GCTTCACAGAGTAGCTCCAG
bFGF	GAGTTGTGTCTATCAAGGGAGTG	CCGTCCATCTTCCTTCATAGC
Ms-Tbet-F	AACCGCTTATATGTCCACCCA	CTTGTTGTTGGTGAGCTTTAGC
OPG	CAGCATCGCTCTGTTCCCTGTA	CTGCGTTTTTCATGGAGTCTCA
GAPDH	AGGTCGGTGTGAACGGATTG	TGTAGACCATGTAGTTGAGGTCA



Supplemental Figure 1. Upregulation of blood clotting factors in the spleen associated with MHV-68-induced colon dilation. Factor II (A) and Factor X (B) gene expression was differentially regulated between saline-treated MHV-68-infected mice exhibiting non-dilated (white bars) or dilated (gray bars) colons. Results $P < 0.05$ are considered significant.