

TGF- β induces M2-like macrophage polarization via SNAIL-mediated suppression of a pro-inflammatory phenotype

SUPPLEMENTARY TABLES

Supplementary Table S1: Real-Time primers of human genes

Gene	Forward primer	Reverse primer
HLA-DR	5'- GCCCAACCTGGAAATCATGACA-3'	5'- AGGGCTGTTGTGAGCACA-3'
IL-12p35	5'- GATGAGCTGATGCAGGCC-3'	5'- AGTCCTCCACCTCGTTGTCCGTGA-3'
CD80	5'- GGGAAAGTGTACGCCCTGTA-3'	5'- GCTACTTCTGTGCCACCAT-3'
iNOS	5'- AGCTGAACTTGAGCGAGGAG-3'	5'- GGAAAAGACTGCACCGAAGA-3'
TNF- α	5'- CCCAGGGCTCCAGAAGGT-3'	5'- TGGGGCAGAGGGTTGATTAGTTG-3'
MCP-1	5'- AAGATCTCAGTGCAGAGGCTCG-3'	5'- CACAGATCTCCTGGCCACAA-3'
CXCR4	5'- CACTTCAGATAACTACACCG-3'	5'- ATCCAGACGCCAACATAGAC-3'
IL-10	5'- AACAAGAGCAAGGCCGTGG-3'	5'- GAAGATGTCAAACACTACTCATGGC-3'
ARG1	5'- -CAGATATGCAGGGAGTCACC-3'	5'- CAGAAGAATGGAAGAGTCAG-3'
VEGFA	5'- GAAGAAGCAGCCCATGACAG-3'	5'- GATCCTGCCCTGTCTCTCTG-3'
Snail	5'- GACCACTATGCCGCGCTCTT-3'	5'- TCGCTGTAGTTAGGCTTCCGATT-3'
GAPDH	5'- GCACCGTCAAGGCTGAGAAC-3'	5'- TGGTGAAGACGCCAGTGGA-3'

Notes: IL, interleukin; iNOS, inducible nitric oxide synthase; TNF- α , tumor necrosis factor alpha; MCP-1, monocyte chemoattractant protein 1; CXCR4, chemokine CXC chemokine receptor 4; VEGFA, vascular endothelial growth factor A; ARG1, arginase 1; GAPDH, glyceraldehyde-3-phosphate dehydrogenase.

Supplementary Table S2: Real-Time primers of murine genes

Gene	Forward primer	Reverse primer
iNOS	5'- GTTCTCAGCCCAACAATAACAAGA-3'	5'- GTGGACGGGTTCGATGTCAC-3'
IFN- β	5'- CCCTATGGAGATGACGGAGA-3'	5'- CTGTCTGCTGGTGGAGTTCA-3'
TNF- α	5'- CGGTGCCTATGTCTCAGCCT-3'	5'- GAGGGTCTGGGCCATAGAAC-3'
IL-6	5'- AGTTGCCTTCTTGGGACTGA-3'	5'- TCCACGATTTCCAGAGAAC-3'
IL-12p35	5'- CTGTGCCTTGGTAGCATCTA-3'	5'- TTTCACTCTGTAAGGGTCTG-3'
IL-12p40	5'- AGGTGCGTTCCTCGTAGAGA-3'	5'- AAAGCCAACCAAGCAGAAGA-3'
MCP-1	5'- ATCCCAATGAGTAGGCTGGAGAGC-3'	5'- CAGAAGTGCTTGAGGTGGTTGTG-3'
CXCL10	5'- CGGAATCTAAGACCATCAA-3'	5'- TCACCTTTCAGAAGACCAA-3'
CCL12	5'- ACTTCTATGCCTCCTGCTC-3'	5'- CACTGGCTGCTTGTGATTC-3'
CCL22	5'- ATTACGTCGGTTACCGTCTG-3'	5'- TAGGCTCTTCATTGGCTCAG-3'
YM1	5'- TTATCCTGAGTGACCCTTCTAAG-3'	5'- TCATTACCCTGATAGGCATAGG-3'
MR	5'- GCTGAATCCCAGAAATCCGC-3'	5'- ATCACAGGCATACAGGGTGAC-3'
Snail	5'- TCTGAAGATGCACATCCGAGC-3'	5'- TTGCAAGTGGGAGCAGGAGAAT-3'
GAPDH	5'- TGTGTCCGTCGTGGATCTGA-3'	5'- TTGCTGTTGAAGTCGCAGGAG-3'

Notes: iNOS, inducible nitric oxide synthase; IFN, interferon; TNF- α , tumor necrosis factor alpha; IL, interleukin; MCP-1, monocyte chemoattractant protein 1; CXCL, chemokine CXC chemokine ligand; CCL, chemokine (C-C motif) ligand; MR, mannose receptor; GAPDH, glyceraldehyde-3-phosphate dehydrogenase.