

Table S1 Primers used in Quantitative RT- PCR (QRT-PCR).

Gene name	Forward primer 5'-3'	Reverse primer 5'-3'
VEGF	GGGCTCTTCTCGCTCCGTAGTAG	CCCTCTCCTCTTCCTTCTCTTCCTC
Ki67	GCGGTGGAATGGTGCCTGTC	GCCAGTAACACGAGAGTCTTCATCC
INOS	ATCTTGAGCGAGTTGTGGATTGTC	TAGGTGAGGGCTTGGCTGAGTG
IL-6	CTCCCAACAGACCTGTCTATAC	CCATTGCACAACCTTTTTCTCA
IL-1β	CACTACAGGCTCCGAGATGAACAA C	TGTCGTTGCTTGGTTCTCCTTGATC
TNF-α	CGCTCTTCTGTCTACTGAACTTCGG	GTGGTTTGTGAGTGTGAGGGTCTG
IL12-P40	TGAGAAGTATTCAGTGTCCCTGC	CTGTGAGTTCTTCAAAGGCTTC
IL-10	TTCTTTCAAACAAAGGACCAGC	GCAACCCAAGTAACCCTTAAAG
TGF-β	ACCGCAACAACGCCATCTATGAG	GGCACTGCTTCCCGAATGTCTG
Arg-1	CATATCTGCCAAAGACATCGTG	GACATCAAAGCTCAGGTGAATC
CD206	GTCTGAGTGTACGCAGTGGTTGG C	TCTGATGATGGACTTCCTGGTAGC
CXCL9	AATCCCTCAAAGACCTCAAACA	TCCCATTCTTTCATCAGCTTCT
CXCL10	CAACTGCATCCATATCGATGAC	GATTCCGGATTTCAGACATCTCT
GZMB	GTGCTGACTGCTGCTCACTGTG	TTGCTGGGTCTTCTCCTGTTCTTTG
Prf1	TTCTTGGTTCTTGTGACAGGTC	ATGGTAGGAGAATTCACCCTG
CD14	CTTGGCTTGTGCTGTTGCTTCTG	CGCTGGACCAATCTGGCTTCG
CR3	GAGCATCAATAGCCAGCCTCAGTG	CCAACAGCCAGGTCCATCAAGC
Dectin-1	TGCTCCCAGCTAGGTGCTCATC	TACGGTGAGACGATGTTTGGCTTTC
TLR2	CTCCCAGATGCTTCGTTGTTCCC	GTTGTCGCCTGCTTCCAGAGTC
TLR4	GAGCCGGAAGGTTATTGTGGTAGT G	AGGACAATGAAGATGATGCCAGAGC
MR	GAAACCAAAGGCTACCACAGTCTC C	GTCCAAGAGAAGAACGCTCCAAGG
HPRT-1	CCGAGGATTTGGAAAAAGTGTT	CATCTCCTTCATGACATCTCGA

Index	MOP
Total Sugar/%	72.13% ± 1.06%
Protein/%	1.22% ± 0.21%
Glyoxylate/%	2.69% ± 0.27%
Molecular weight/kDa	17.345
Monosaccharide content/%	
Man	2.599
GlcN	0.697
Rha	7.264
GlcA	1.373
Gala	2.339
Glc	16.932
Gal	44.603
Ara	24.193

Table S2 Chemical composition, molecular weight and monosaccharide composition of MOP.