

1 **Supplementary table S1**

Target sequence	Primer name	Sequence (5'-3')
P_{hsp65} (for MIF)	EcoRV_Phsp_F	TTTGATATCGGTGACCACAACGACGCGC (EcoRV)
	Phsp_m_R	GTTGGTGTTCACGATGAACATCGGCATTGCGAAGTGATTCTCCGGATCG
MIF	p_op.hMIF_F	CGATCCGGAGGAATCACTTCGCAATGCCGATGTTTCATCGTGAACACCAAC
	op.hMIF_XbaI_R	AAATCTAGATTAGGCGAAGGTCGAGTTGTTCCA (XbaI)
P_{hsp65}-MIF	EcoRV_Phsp_F	TTTGATATCGGTGACCACAACGACGCGC (EcoRV)
	op.hMIF_XbaI_R	AAATCTAGATTAGGCGAAGGTCGAGTTGTTCCA (XbaI)
P_{hsp65} (for IL7)	EcoRV_Phsp_F	TTTGATATCGGTGACCACAACGACGCGC (EcoRV)
	Phsp_7_R	CCCTCGATGTCGCAGTCCATTGCGAAGTGATTCTCCGGATCG
IL7	p_op.hIL7_F	CGATCCGGAGGAATCACTTCGCAATGGACTGCGACATCGAGGG
	op.hIL7_XbaI_R	AAATCTAGATTAGTGCTCCTTGGTGCCCATCAGGAT (XbaI)
P_{hsp65}-IL7	EcoRV_Phsp_F	TTTGATATCGGTGACCACAACGACGCGC (EcoRV)
	op.hIL7_XbaI_R	AAATCTAGATTAGTGCTCCTTGGTGCCCATCAGGAT (XbaI)
P_{hsp65}-MIF (for P_{hsp65}-MIF:IL7)	EcoRV_Phsp_F	TTTGATATCGGTGACCACAACGACGCGC (EcoRV)
	op.hMIF_7_R	TGCCCTCGATGTCGCAGTCCATGGCGAAGGTCGAGTTGTTCCAG
IL7 (for P_{hsp65}-MIF:IL7)	m_op.hIL7_F	CTGGAACAACCTCGACCTTCGCCATGGACTGCGACATCGAGGGCA
	op.hIL7_XbaI_R	AAATCTAGATTAGTGCTCCTTGGTGCCCATCAGGAT (XbaI)
P_{hsp65}-MIF:IL7	EcoRV_Phsp_F	TTTGATATCGGTGACCACAACGACGCGC (EcoRV)
	op.hIL7_XbaI_R	AAATCTAGATTAGTGCTCCTTGGTGCCCATCAGGAT (XbaI)

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3 **Supplementary table S2**

Target sequence	Foward primer (5'-3')	Reverse primer (5'-3')
MIF	CGTGCCGCTAAAAGTCATGA	GCAAGCCCGCACAGTACAT
CD74	ATGACCCAGGACCATGTGATG	CCCTTCAGCTGCGGGTACT
Cyclin D1	GCGTACCCTGACACCAATCTC	CTCCTCTTCGCACTTCTGCTC
Cyclin D2	GAGTGGGAACTGGTAGTGTG	CGCACAGAGCGATGAAGGT
Cdk4	ATGGCTGCCACTCGATATGAA	TCCTCCATTAGGAACTCTCACAC
mTOR	CTGGGACTCAAATGTGTGCAGTTC	GAACAATAGGGTGAATGATCCGGG
ERK1	GCTCGACCACACTGGCTTTC	GATCAACTCCTTCAGCCGCTC
PI3K	AGGAGCGGTACAGCAAAGAA	GCCGAACACCTTTTTGAGTC
Akt	TGAAAACCTTCTGTGGGACC	TGGTCCTGGTTGTAGAAGGG
caspace-3	GCTGGACTGCGGTATTGAGA	CCATGACCCGTCCCTTGA
caspace-1	ACAAGGCACGGGACCTATG	TCCCAGTCAGTCCTGGAAATG
Bcl2	TGAGTACCTGAACCGGCATCT	GCATCCCAGCCTCCGTTAT
BAX	TGAAGACAGGGGCCTTTTTG	AATTCGCCGGAGACACTCG
BAD	GCCCTAGGCTTGAGGAAGTC	CAAACCTCTGGGATCTGGAACA
p53	CACGTACTCTCCTCCCCTCAAT	AACTGCACAGGGCACGTCTT
TSP-1	GCAGCACACACAGAAGCATT	CAATCAGCTCTCACCAGCAG
HIF-1a	GAAATGGCCCAGTGAGAAAA	CTTCCACGTTGCTGACTTGA
VEGF	TGCTCACTTCCAGAAACACG	GGAAGGGTAAGCCACTCACA
IL-8	ATGGCTGCTCAAGGCTGGTC	AGGCTTTTCATGCTCAACACTAT
MMP-2	GAGTTGGCAGTGCAATACCT	GCCGTCCTTCTCAAAGTTGT
MMP-9	AGTTTGGTGTGCGGGAGCAC	TACATGAGCGCTCCGGGCAC
Rac1	GAGACGGAGCTGTTGGTAAAA	ATAGGCCAGATTCACTGGTT
GAPDH	TGGATTTGGACGCATTGGTC	TTGCACTGGTACGTGTTGAT

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