

**Critical Role of Transcription Factor PU.1 in the Function
of the OX40L/TNFSF4 Promoter in Dendritic Cells**

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Supplementary Table 1. Sequence of primers used in construction of reporter vectors.

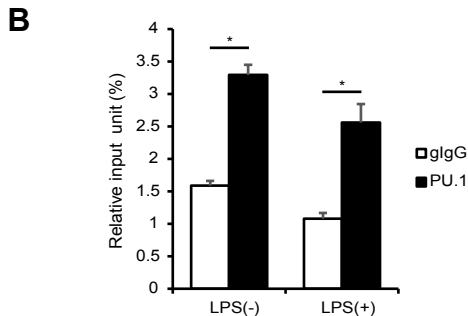
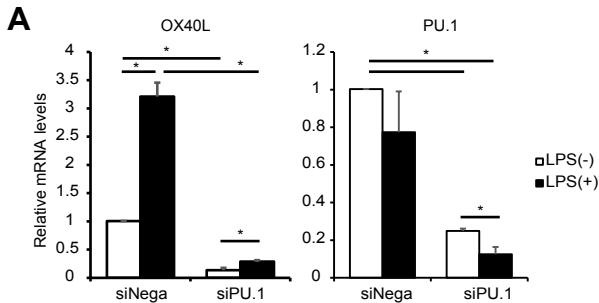
5' position	Direction	Sequence
-657	Forward	ACACggtaccGGGTGGGGAATGACAGAATT
-476	Forward	TGATggtaccTGTA ACTATAAGACCCCTTC
-291	Forward	ACACggtaccGGTTAAGACATCTTGAGGG
-136	Forward	ACACggtaccAAACA ACTCCCTGTTAGCCC
+71	Reverse	CACCagatctGAGCCAATAAGGGCAAAGTC

Mutation site	Direction	Sequence
Ets5	Forward	GTCACTCTAGAGTTCCCCGCCTGCAAA
	Reverse	GAACTCTAGAGTGACTAATCTGAATTTC
Ets6	Forward	AGAAGTCGACCCGCCTGCAAAACCTGC
	Reverse	GGCGGGTCGACTTCTATGTGACTAATCTGAATT

Supplementary Table 2. Sequence of primers used in ChIP assay.

Species	Amplified region	Direction	Sequence	
Mouse	-4992/-4889	Forward	TGGTGGGAAGAGATGAAAGACA	
		Reverse	CTTACCTCCTTCTTTTTCTATTTCTGATA ATC	
	-4525/-4451	Forward	AACCCAGGAGCCACACCTT	
		Reverse	AGTACTGGCTTTTCTTTAGCCTTG	
	-1524/-1434	Forward	GCTGCAGAGTAGCCTATGTG	
		Reverse	GAGGCGTTGCATTTGGAGAC	
	-744/-637	Forward	AGAGCAACAAGCCTCAAATG	
		Reverse	AATTCTGTCATTCCCCACCC	
	-57/+3	Forward	TCCCCGCCTGCAAA	
		Reverse	AATTGAAGGAGCAGAGCAGAGTCT	
	+3627/+3704	Forward	ACTTCTTGTCTCTTGTCTTCTGTTAGGAA	
		Reverse	ACATCACCAAGAGACTGAATTCTAACTC	
	Human	-1322/-1249	Forward	TTTTGGCTTGGAGTCTATGATATTGT
			Reverse	GAGAACATACTGGTGTGAGAAATTTA AG
-521/-455		Forward	TGCAATAGACTACAACCAAGGATCTC	
		Reverse	GAAAAAGACAAAACAAGAAAATAGGA CACT	
-73/-18		Forward	CCGCCTGCCTGCAAAA	
		Reverse	GAAAGAGCAAAGCGGACTCTCT	

*+1; Transcription start site



Supplemental Figure 1. Expression of OX40L in PU.1 siRNA-transfected JAWSII cells and specific binding of PU.1 to the OX40L promoter in JAWSII cells.

(A) JAWSII cells were transfected with either negative control siRNA (siNeg) or PU.1 siRNA (siPU.1). At 32 h after transfection, the cells were left untreated (open bars) or stimulated (closed bars) with 1 μ g/ml LPS for 16 h. Relative mRNA levels were determined by quantitative RT-PCR after normalizing to mouse GAPDH mRNA levels. Data are expressed as the ratio of the expression level of the respective control siRNA-transfected cells without stimulation. Results are shown as means \pm S.D.s ($n=3$).

(B) ChIP assay was performed by using either goat IgG (gIgG) or anti-PU.1 Ab (PU.1). The amounts of immunoprecipitated chromatin were determined by quantitative PCR amplifying the indicated region of the OX40L promoter. Data are expressed as percentage of the input for each ChIP assay. Results are means \pm S.D.s ($n=3$). Similar results were obtained in three independent experiments.