Gene ontology for HuR targets identified in BEAS-2B cells after treatment with TNFα plus IFNγ (50 ng/ml each, 18 hr)				
Symbol	*Gene Name*	*Description*	***classification***	
CCL2	MCP1/SCYA2	Chemokine (C-C motif) ligand 2	immunity	
CXCL1	GROa/MGSA	Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	immunity	
CCL8	MCP-2	Chemokine (C-C motif) ligand 8	immunity	
CXCL2	MIP-2a/GROb	Chemokine (C-X-C motif) ligand 2	immunity	
TGFA	TGF-a	Transforming growth factor, alpha	immunity	
TNFRSF1B	TNFR2/p75	Tumor necrosis factor receptor superfamily, member 1B	Receptor	
CCL20	MIP-3a/SCYA20	Chemokine (C-C motif) ligand 20	immunity	
IL8	IL-8	Interleukin 8	immunity	
TNFSF11	TRANCE	Tumor necrosis factor (ligand) superfamily, member 11	immunity	
ITGB7	Integrin b7	Integrin, beta 7	immunity	
TNFRSF7	CD27	Tumor necrosis factor receptor superfamily, member 7	Receptor	
TGFBR1	ALK-5/ACVRLK4	Transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa)	Receptor	
IL6	IL-6	Interleukin 6 (interferon, beta 2)	immunity	
TGFBR2	TGFbR2	Transforming growth factor, beta receptor II (70/80kDa)	immunity	
MAPK8	JNK1	Mitogen-activated protein kinase 8	signaling	
SOCS3	SSI-3	Suppressor of cytokine signaling 3	signaling	
TRPV6	ECAC2/Cat1	Transient receptor potential cation channel, subfamily V, member 6	Receptor	
TYK2	Tyk2	Tyrosine kinase 2	signaling	
PPP3R1	CALNB1	Protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)	signaling	
VAV1	Vav1	Vav 1 oncogene	signaling	
CSNK2A1	CK-II alpha	Casein kinase 2, alpha 1 polypeptide	signaling	
TNFRSF21	TNFRSF21	Tumor necrosis factor receptor superfamily, member 21	Receptor	
MAP3K2	MEKK2	Mitogen-activated protein kinase kinase kinase 2	signaling	
TRAF1	TRAF1	TNF receptor-associated factor 1	signaling	
CSNK2B	CK-II beta	Casein kinase 2, beta polypeptide	signaling	
SMAD2	MADH2	SMAD, mothers against DPP homolog 2 (Drosophila)	transcription	
RNF110	ZNF144	Ring finger protein 110	transcription	
Summary				
Classification		**n=**	***% total HuR Targets***	
Defense/Immunity		11	41	
Signaling molecule		9	33	
Transcription factor		2	7	
Receptor		5	19	
	total	**27**	**100**	