Supplementary material to article by L Šahmatova et al. "MicroRNA-155 is Dysregulated in the Skin of Patients with Vitiligo and Inhibits Melanogenesis-associated Genes in Melanocytes and Keratinocytes"

Table SIV. Functions of miR-155 targets

Target	Functions	Ref
TYRP1	Affects proliferation and apoptosis of melanocytes; regulates melanin synthesis, transport of melanosomes and maintenance of melanosome structure	(54–56)
	Antibodies against TYRP1 are detected in the blood of patients with vitiligo	(57)
	Polymorphisms in miR-155 binding site have been associated with the development of melanoma	(58)
YWHAE	Modulates the function of tyrosine hydroxylase and affects melanogenesis	(59)
SDCBP	The product of SDCBP gene, syntenin, participates in melanin transport	(60, 61)
SOX10	Transcription factor that affects melanocyte differentiation	(62)
SOCS1	Interferon-inducible gene, well-known direct target of miR-155	(23, 32)
		(8, 23)
IRF1	Interferon-inducible gene	(21)
IFITM1	Interferon-inducible gene	(21)