

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) |