

Publicly available solid tissue RNA-seq samples used for validation of MEL38 and MEL12.

Downloaded from the microRNA Tissue Expression Database (DIANA miTED, <https://dianalab.e-ce.uth.gr/mited>).

Dataset ID	Original study	RNA extraction & sequencing method	Sample type	No. invasive melanoma	No. and type of 'other;'
PRJNA245208	Laser capture microdissection followed by next-generation sequencing identifies disease-related microRNAs in psoriatic skin that mirror the systemic psoriatic miRNome. (PubMed:245208)	miRNA-Seq (Illumina HiSeq 2500), size fractionation, miRNEasy Micro Kit (Qiagen)	Fresh frozen	0	2 (SRR1259236, SRR1259234)
PRJNA293287	Unique microRNAs appear at different times during the course of a delayed-type hypersensitivity reaction in human skin. (PubMed:293287)	miRNA-Seq (Illumina HiSeq 2500), size fractionation, miRNEasy Mini Kit (Qiagen)	Fresh frozen	0	33 (excepting SRR2174537 from full 34 dataset)
PRJNA328261	Identification of transcriptomic drivers of squamous cell carcinoma development through a preneoplastic intermediate. (PubMed:328261)	miRNA-Seq (Illumina HiSeq), size fractionation, PureLink (Invitrogen)	Fresh frozen	0	2 (SRR3779201, SRR3779202)
TCGA SKCM	Genomic Classification of Cutaneous Melanoma (PubMed:26271990)	miRNA-Seq (Illumina HiSeq 2500), custom protocol.	Fresh-frozen	442	0