|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplementary Table S1. List of all sequencing data used** | | | |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Newly Analyzed Data sets** |  |  |  |  |
| **Experiment Type** | **Cell Type** | **Condition** | **Antibody** | **Additional Info** |
| RNA-seq | Primary melanocyte | siMITF |  | 2 replicates |
| RNA-seq | Primary melanocyte | siControl |  | 2 replicates |
| ChIP-seq MAX | COLO829 (melanoma) |  | Santa Cruz Biotechnologies sc-197 |  |
| ChIP-seq Input | COLO829 (melanoma) |  |  |  |
| ChIP-seq H3K27ac | Primary melanocyte | siMITF | Active Motif 39133 |  |
| ChIP-seq H3K27ac | Primary melanocyte | siControl | Active Motif 39133 |  |
| ChIP-seq H3K4me3 | Primary melanocyte | siMITF | Cell Signaling Technology 9751S |  |
| ChIP-seq H3K4me3 | Primary melanocyte | siControl | Cell Signaling Technology 9751S |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Publicly Available Data** |  |  |  |  |
| **Experiment Type** | **Cell Type** | **Condition** |  | **GEO accession** |
| ChIP-seq SOX10 | 501-mel |  | Abcam (ab155270) | GSE61967 |
| ChIP-seq MITF | COLO829 (melanoma) | DMSO | Sigma HPA003259 | GSE50686 |
| ChIP-seq MITF | 501-mel (melanoma) |  | 12CA5 anti-HA | GSM1517751 |
| ChIP-seq MITF | Primary melanocyte |  | Sigma HPA003259 | GSM1226221 |
| DNase-seq | COLO829 (melanoma) |  |  | GSM1008571 |
| DNase-seq Digital Footprinting | Primary melanocyte |  |  | GSM1024610 |