Supplementary Table 1: TSC1/TSC2 mutation findings in angiomyoliopoma subject to H3K27ac and MITF ChIP-Seq.

| Tumor ID | Gene | Nucleotide change (hg19) | Protein Change | Variant Classification | Allele fraction | Tumor characterization |
|----------|------|--------------------------|----------------|------------------------|----------------|------------------------|
| AML-1    | TSC1 | c.2183_2186dupCTCT       | p.E730Sfs*5    | Frameshift duplication | 0.66           | 2-hit tumor/ Copy neutral Loss of heterozygosity |
| AML-2    | TSC2 | c.421G>T                 | p.E141*        | Nonsense               | 0.06           | 2-hit tumor            |
|          |      | c.5238delC               | p.H1746Qfs*80  | Frameshift deletion    | 0.06           |                        |
| AML-3    | TSC2 | c.100A>T                 | p.K34*         | Nonsense               | 0.19           | 2-hit tumor            |
|          |      | c.481+1G>A               | p.A161_splice  | Splice                 | 0.19           |                        |
| AML-4    |      | c.265delT                | p.L89Cfs*16    | Frameshift deletion    | 0.35           | 2-hit tumor            |
|          |      | c.3097_3098insA          | c.Y1033*       | Frameshift insertion   | 0.38           |                        |