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## Supplemental Data

### **Somatic *MAP2K1* Mutations Are Associated with Extracranial Arteriovenous Malformation**

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Table S1. ddPCR Assays Developed for *Q56P*, *K57N*, *F53L*, *D67Y* MAP2K1 Mutations

<b>Product</b>	<b>Assay</b>
Forward Primer	5'-GTATTGACTTGTGCTCCCCAC-3'
Reverse Primer	5'-CCTGTTAATCAAGGCAAACCTCACCT-3'
REF Probe	5'-/5HEX/CCACCTTCTGCTTCTGGGTAAGAAAGGC/3IABkFQ/-3'
F53L Probe	5'-/56-FAM/AGCAAGGCCTCAAGGCGCTT/3IABkFQ/-3'
Q56P Probe	5'-/56-FAM/TCTCCACCTTCTGCTTCGGGGTA/3IABkFQ/-3'
K57N Probe	5'-/56-FAM/CAGTTCTCCACCTTCTGATTCTGGGT/3IABkFQ/-3'
D67Y Probe	5'-/56-FAM/AGTAGTCATCCTTCAGTTCTCCACCT/3IABkFQ/-3'