Additional file 2 **Table S1** Demographic, anatomic, prior treatment, and mutational information from patient-derived, short-term melanoma cell cultures. Cells originated from patients with a mean age of 62 years ±10 standard deviation, 80% were male, 44% were BRAF mutated, 25% were NRAS mutated, and of those derived from brain metastases, 15% had steroids within 24 hours prior to pre-resection MRI, and 46% had ≥1 prior systemic therapy. Mutational status did not impact TEER changes in the *in vitro* BBB model (*P*>0.99, Fisher’s exact test).

**C:\Users\tt333\Dropbox\Lab\Applications\2018 Pembro Brain Met Journal Submission\Cancer\Supplemental Table 1.tiff**