Full Parameter Variability -5.974 -2 log10(Tumor DNA Adduct Exposure) log10(Plasma TMZ Exposure) -5.975 -5.976 -5.978 Exposure) log10(Tumor TMZ -5 -10-7 -5.979 MGMT Expressed MGMT Silenced MGMT Expressed MGMT Silenced MGMT Silenced MGMT Expressed 350 log10(Ctrough of Tumor DNA Adduct) -5 300 Final Tumor Volume (mL) 250 -10 200 -15 150 -100 -20 50 0

MGMT Expressed

MGMT Silenced

MGMT Expressed

MGMT Silenced