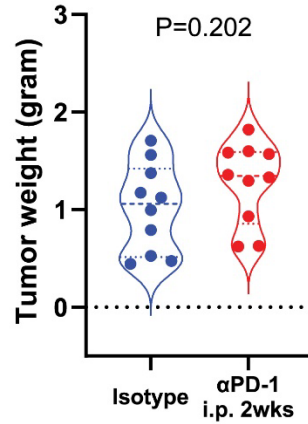


## Orthotopic model of AB1 malignant mesothelioma

**A**

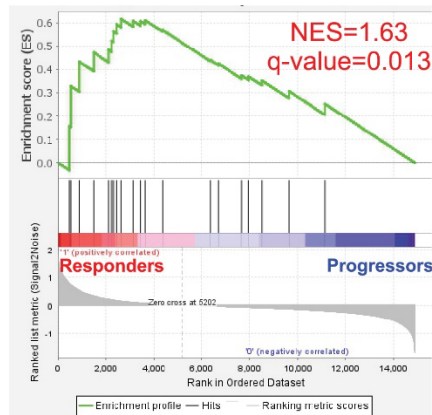


**B**

**IL-2 signaling pathway**

CSNK2A1	JUN
ELK1	LCK
FOS	MAP2K1
GRB2	MAPK3
HRAS	MAPK8
IL2	RAF1
IL2RA	SHC1
IL2RB	SOS1
IL2RG	STAT5A
JAK1	STAT5B
JAK3	SYK

**AB1 mesothelioma treated with αPD-1 + αCTLA-4**



GSE117358

**Supplemental Figure 4. aPD1 therapy is not effective as a single agent for MPM tumors. A,** Orthotopic AB1 malignant mesothelioma was resistant to aPD1 treatment. **B,** gene set enrichment analysis of a publicly available data set (accession no. GSE117358) revealed the IL-2 signaling pathway is associated with immunotherapy response.