

Supplementary Table 2: At a FDR *P*-value cut-off of 0.25, significant enrichment was found for 7/50 gene sets from the mSigDB Hallmarks gene set collection

Name	Size	ES	NES	NOM <i>P</i>-value	FDR <i>Q</i>-value
HALLMARK_UNFOLDED_PROTEIN_RESPONSE	113	0.4534	1.9199	0.0021	0.0689
HALLMARK_MYC_TARGETS_V1	192	0.5180	1.8853	0.0233	0.0565
HALLMARK_MITOTIC_SPINDLE	196	0.4683	1.7926	0.0123	0.0879
HALLMARK_MYC_TARGETS_V2	56	0.5989	1.7783	0.0149	0.0770
HALLMARK_G2M_CHECKPOINT	190	0.6629	1.7432	0.0062	0.0846
HALLMARK_E2F_TARGETS	189	0.6780	1.7103	0.0063	0.0945
HALLMARK_DNA_REPAIR	148	0.3280	1.6071	0.0842	0.1621