

Supplement Figure 3 related to Figure 8

A

x-Axis Cell Line Set

ACC Colorado plus PDX

x-Axis Data Type

xsq:RNA-seq Expression
(log2 FPKM+1)

Identifier

MSH2

y-Axis Cell Line Set

ACC Colorado plus PDX

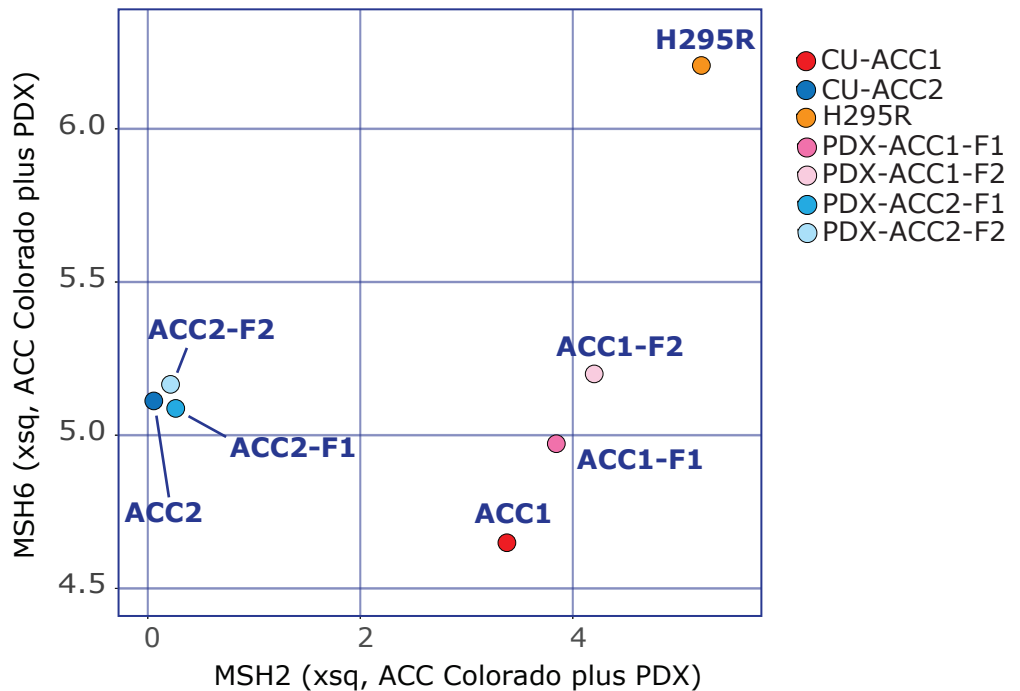
y-Axis Data Type

xsq:RNA-seq Expression
(log2 FPKM+1)

Identifier

MSH6

Univariate Analysis / Plot Data
MSH6 (xsq) vs. MSH2 (xsq)



B

x-Axis Cell Line Set

ACC NCI plus Surgical

x-Axis Data Type

act:Drug Activity
(-log10[IC50M])

Identifier

Temozolomide

y-Axis Cell Line Set

NCATS AUC

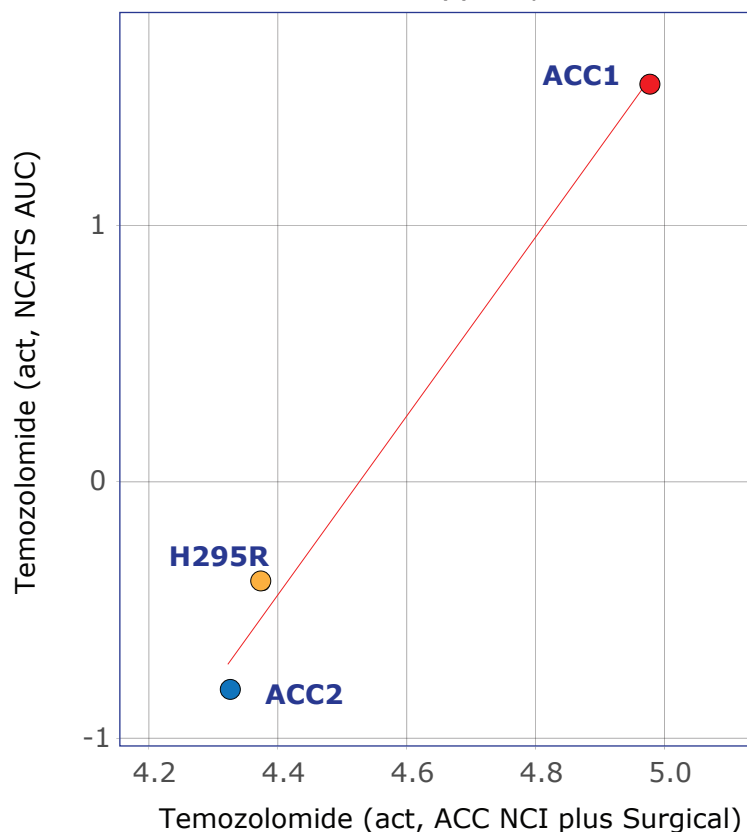
y-Axis Data Type

act: Drug Activity
(negative z-score AUC)

Identifier

Temozolomide

Univariate Analysis / Plot Data
Temozolomide (NCI) vs. temozolomide (NCATS)
Pearson correlation (r)=1, p-value=0.057



(A) Mismatch repair deficiencies in the ACC2 cell line and its related PDXs.

(B) Sensitivity and resistance of CU-ACC1 and CU-ACC2 and NCI-H295R to temozolomide both in the NCI and NCATS databases. Resistance of ACC2 is related to lack of MSH2 expression in CU-ACC2 (see Figure 8B).