-0.0 - 0.1 - 0.1 + 0.1 + 0.0 + 0.0 + 0.0 + 0.0 + 0.1 + 0.0 + 0.1 + 0.1 + 0.1 + 0.1 + 0.1 + 0.1 + 0.1 + 0.1 + 0.1 + 0.1 + 0.0 + 0.0 + 0.0 + 0.1 + 0.1 + 0.0-0.000 -0.0000.1 - 0.0 - 0.0 - 0.0 - 0.1 - 0.0 - 0.0 - 0.1 - 0.0 - 0.0 - 0.1 - 0.0 - 0.0 - 0.1 - 0.0F40 0.5 0.2 0.6 0.6 0.2 0.2 0.5 0.1 0.1 0.1 0.0 0.2 0.5 0.1 0.1 0.0 0.2 0.5 0.1 0.2 0.7 0.4 0.3 0.0 0.1 0.3 0.4 0.7 0.3 0.1 0.0 0.0 0.4 0.7 0.4 0.3 0.5 0.4 0.5 0.0 0.6 0.0 0.7 0.2 0.0 0.5 0.5 0.6 0.1 0.7 0.4 0.1 02-01-02-03 0.1 0.1 0.2 0.1 0.1 0.0 0.1 0.2 0.1 0.1 0.0 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.3 0.2 0.2 0.0 0.1 0.1 0.2 0.3 0.2 0.2 0.0 0.1 0.0 0.0 0.2 0.2 0.3 0.2 0.2 0.2 0.3 0.2 0.2 0.2 0.0 0.3 0.0 0.4 0.1 0.1 0.2 0.2 0.3 0.1 0.4 0.1 0.0 

 $0.3 \ 0.1 \ 0.3 \ 0.4 \ -0.1 \ -0.1 \ -0.3 \ 0.1 \ -0.1 \ -0.3 \ 0.1 \ -0.1 \ -0.5 \ 0.3 \ -0.2 \ -0.0 \ -0.1 \ 0.2 \ 0.3 \ 0.4 \ -0.2 \ -0.1 \ 0.0 \ 0.0 \ -0.2 \ -0.3 \ 0.3 \ -0.0 \ 0.3 \ -0.2 \ 0.3 \ 0.3 \ 0.0 \ -0.4 \ -0.0 \ -0.5 \ 0.1 \ -0.0 \ -0.3 \ -0.3 \ 0.3 \ 0.0 \ -0.4 \ -0.0 \ -0.5 \ 0.1 \ -0.0 \ -0.3 \ -0.3 \ 0.3 \ 0.0 \ -0.4 \ -0.0 \ -0.5 \ 0.1 \ -0.0 \ -0.3 \ -0.3 \ 0.3 \ 0.0 \ -0.4 \ -0.0 \ -0.5 \ -0.1 \ -0.0 \ -0.3 \ -0.3 \ 0.3 \ -0.0 \ -0.3 \$ 

0.1 - 0.1 - 0.0 - 0.1 - 0.0 - 0.1 - 0.0 - 0

0.0 0.1 0.2 0.7 0.2 0.3 0.0 0.0 0.0 1.0 0.1 0.2 00 01 01 02 04 04 00 01 00 00 03 05 0.2 0.0 0.0 0.0 0.0 0.7 0.0 0.0 0.2 0.1 0.0 0.3 proteomics crisprcas9 ngresponse metabolomics ranscriptomics

02 05 03 11 04 12

0.2 0.5 0.5 0.8 0.6 1.1

3.0 0.0 0.2 0.1 0.0 0.1

0.1 0.3 0.6 0.1 1.1 0.7

0.2 0.3 0.3 0.4 0.9 0.8

0.1 0.3 0.2 0.8 0.4 0.6 0.0 0.7 0.1 0.0 1.3 0.4

2.2 0.0 0.1 0.1 0.0 0.1

02 05 01 07 03 06

0.2 0.2 0.3 0.4 0.5 0.7

0.1 0.1 0.2 0.8 0.3 0.7

0.1 0.3 0.1 0.7 0.4 0.7

17 00 00 00 03 00

1.2 0.0 0.0 0.0 0.6 0.1

0.1 0.1 0.7 0.9 0.1 0.2

0.1 0.2 0.2 0.4 0.4 0.6

1.1 0.1 0.0 0.3 0.1 0.2

0.1 0.0 0.0 0.0 0.2 1.5

0.0 0.0 1.3 0.2 0.2 0.1

0.2 0.1 0.2 0.6 0.2 0.4

01 02 03 02 03 06

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0.9 0.0 0.4 0.3 0.0 0.1

01 00 00 01 00 14

01 01 01 03 04 05

00 01 01 00 07 05

CopyNumberAttenuation GeneExpressionCorrelation CopyNumberInstability ploidy mutational burden growth size RepsCorrelation CDH1 prot VIM\_prot CDH1\_gexp VIM\_gexp D/F12 sanger\_Adherent sanger\_Semi-Adherent sanger\_Suspension sanger\_Unknown broad\_Adherent broad Mixed broad Suspension broad Unknown Mean Proteomics MeanMethylation

MeanDrugResponse

F3

F5

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E7

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0.0 0.2 0.3 0.2 0.2 0.0 0.1 0.2 0.2 0.4 0.1 0.2 0.3 0.1 0.1 0.2 0.3 0.1 0.1 0.1 0.0 0.3 0.4 0.2 0.0 0.3 0.0 0.0 0.2 0.2 0.2 0.3 0.1 0.1 0.1 0.0 0.0 0.3 0.1 0.2 0.1 0.3 0.3 0.2 0.4 0.1 0.3 0.3 0.1 0.1 0.0 0.0 0.3 0.1  $-0.2 \cdot 0.1 \cdot 0.2 \cdot 0.2 \cdot 0.1 \cdot 0.1 \cdot 0.0 \cdot 0.1 \cdot 0.1 \cdot 0.2 \cdot 0.1 \cdot 0.2 \cdot 0.2 \cdot 0.1 \cdot 0.1 \cdot 0.1 \cdot 0.1 \cdot 0.1 \cdot 0.1 \cdot 0.0 \cdot 0.1 \cdot 0.2 \cdot 0.1 \cdot 0.1 \cdot 0.0 \cdot 0.1 \cdot 0.1$  $-0.03303 \cdot 02 \cdot 04 \cdot 02 \cdot 0103 \cdot 01 \cdot 03 \cdot 02 \cdot 0102 \cdot 02 \cdot 02 \cdot 0102 \cdot 03 \cdot 03 \cdot 02 \cdot 03 \cdot 02 \cdot 0102 \cdot 03 \cdot 03 \cdot 02 \cdot 0102 \cdot$ 0.105050503050102040204030202030302020103050504030301040303030001101020400040104020805030303020102010004 $\frac{0.004\,04.03305.01.01.03.0204.03.01.03.0203.01.03.0203.01.00.00.004.04.03.03.022.0104.03.03.02.02.000.01.01.03.00.04.01.03.02.04.04.02.05.02.01.02.$ 0.0 0.5 0.5 0.3 0.5 0.2 0.2 0.4 0.2 0.5 0.4 0.2 0.3 0.3 0.3 0.1 0.0 0.3 0.5 0.5 0.3 0.3 0.1 0.3 0.4 0.2 0.2 0.1 0.1 0.1 0.1 0.2 0.5 0.1 0.4 0.0 0.4 0.3 0.6 0.5 0.2 0.7 0.2 0.1 0.3 0.1 0.3 0.1 0.5 0.5 15 0 2 0 3 0 4 0 3 0 2 0 2 0 0 0 8 0 5 0 4 0 2 0 3 0 1 0 1 0 2 0 4 0 3 0 0 0 1 0 1 0 0 0 1 0 5 0 1 0 3 0 0 0 4 0 5 0 4 0 5 0 2 0 5 0 2 0 2 0 3 0 2 0 2 0 1 0 5 0 1 010304-03-05-02-0002-01 -0.1 -0.2 -0.3 0.2 0.3 0.1 -0.1 -0.1 -0.2 0.4 0.1 0.3 -0.3 0.2 0.1 -0.1 0.0 -0.4 0.4 0.2 -0.0 -0.2 0.0 0.0 -0.0 0.4 0.2 -0.1 0.1 -0.1 0.1 0.0 -0.4 0.0 -0.1 0.1 -0.2 0.4 0.2 -0.4 0.1 -0.4 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.1 -0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.1 -0.4 0.2 -0.1 0.2 -0.4 0.2 -0.4 0.1 -0.4 0.2 -0.4 0 drug responses