F49 -0.1 - 0.0 - 0.0 = 0.1 - 0.1 = 0.1 - 0.0 = 0.0 - 0.0 - 0.0 = 0.0CopyNumberAttenuation GeneExpressionCorrelation 00 00 03 03 03 03 01 00 01 00 01 00 00 01 00 01 00 00 01 00 0 CDH1 prot CDH1\_gexp 

sanger Adherent sanger\_Semi-Adherent sanger Suspension sanger\_Unknown broad Adherent broad Mixed broad\_Suspension broad\_Unknown MeanProteomics MeanMethylation

F3

F5

F6

F12

F14

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F39

F41

F42

F43

F44

F45

F47

F48

ploidy

size

VIM prot

VIM\_gexp D/F12

CopyNumberInstability

mutational burden growth

RepsCorrelation

MeanDrugResponse

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 ngresponse ranscriptomics

crisprcas9

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

08 00 04 02 01 02

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

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

Covariates correlation