Identify Prognostic Events

```
source('shun.r')
```

```
## Loading required package: ggplot2

## Warning: package 'ggplot2' was built under R version 3.3.2

## Loading required package: fst

## Warning: package 'fst' was built under R version 3.3.2

## Loading required package: readr

## Warning: package 'readr' was built under R version 3.3.2

## Loading required package: tools
```

```
use.package(magrittr)
```

```
## Loading required package: magrittr
```

```
use.package(dplyr)
```

```
## Loading required package: dplyr

##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##     filter, lag

## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```
use.package(tidyr)
```

```
## Loading required package: tidyr

## Warning: package 'tidyr' was built under R version 3.3.2

##
## Attaching package: 'tidyr'

## The following object is masked from 'package:magrittr':
##
##     extract
```

```
muts.events <- import.data("../Data/mutation_events.tsv")
chrom.events <- import.data("../Data/chrom_events.tsv")

muts <- import.data("../Data/mutations_filtered.tsv")
```

```
muts %>%
  rename(gene=sample) %>%
  filter(gene %in% muts.events$gene) %>%
  gather(id, mut.status, -gene)
```

```
##         gene              id mut.status
## 1      MUC16 TCGA-A1-A0SB-01  0.0000000
```

```
## 2       MLL3 TCGA-A1-A0SB-01  0.0000000
## 3     MAP3K1 TCGA-A1-A0SB-01  0.0000000
## 4       TP53 TCGA-A1-A0SB-01  0.0000000
## 5    CROCCP2 TCGA-A1-A0SB-01  0.0000000
## 6       MUC4 TCGA-A1-A0SB-01  0.0000000
## 7       CDH1 TCGA-A1-A0SB-01  0.0000000
## 8      PIK3CA TCGA-A1-A0SB-01 0.0000000
## 9      GATA3 TCGA-A1-A0SB-01  0.0000000
## 10       TTN TCGA-A1-A0SB-01  0.0000000
## 11     MUC16 TCGA-A1-A0SD-01  0.0000000
## 12      MLL3 TCGA-A1-A0SD-01  0.0000000
## 13    MAP3K1 TCGA-A1-A0SD-01  0.0000000
## 14      TP53 TCGA-A1-A0SD-01  0.0000000
## 15   CROCCP2 TCGA-A1-A0SD-01  0.0000000
## 16      MUC4 TCGA-A1-A0SD-01  0.0000000
## 17      CDH1 TCGA-A1-A0SD-01  0.0000000
## 18    PIK3CA TCGA-A1-A0SD-01  0.0000000
## 19     GATA3 TCGA-A1-A0SD-01  1.0000000
## 20       TTN TCGA-A1-A0SD-01  0.0000000
## 21     MUC16 TCGA-A1-A0SE-01  1.0000000
## 22      MLL3 TCGA-A1-A0SE-01  0.0000000
## 23    MAP3K1 TCGA-A1-A0SE-01  0.0000000
## 24      TP53 TCGA-A1-A0SE-01  0.0000000
## 25   CROCCP2 TCGA-A1-A0SE-01  0.0000000
## 26      MUC4 TCGA-A1-A0SE-01  0.0000000
## 27      CDH1 TCGA-A1-A0SE-01  1.0000000
## 28    PIK3CA TCGA-A1-A0SE-01  0.0000000
## 29     GATA3 TCGA-A1-A0SE-01  0.0000000
## 30       TTN TCGA-A1-A0SE-01  0.0000000
## 31     MUC16 TCGA-A1-A0SF-01  1.0000000
## 32      MLL3 TCGA-A1-A0SF-01  1.0000000
## 33    MAP3K1 TCGA-A1-A0SF-01  0.0000000
## 34      TP53 TCGA-A1-A0SF-01  0.0000000
## 35   CROCCP2 TCGA-A1-A0SF-01  0.0000000
## 36      MUC4 TCGA-A1-A0SF-01  0.0000000
## 37      CDH1 TCGA-A1-A0SF-01  0.0000000
## 38    PIK3CA TCGA-A1-A0SF-01  0.0000000
## 39     GATA3 TCGA-A1-A0SF-01  0.0000000
## 40       TTN TCGA-A1-A0SF-01  0.0000000
## 41     MUC16 TCGA-A1-A0SG-01  0.0000000
## 42      MLL3 TCGA-A1-A0SG-01  0.0000000
## 43    MAP3K1 TCGA-A1-A0SG-01  1.0000000
## 44      TP53 TCGA-A1-A0SG-01  0.0000000
## 45   CROCCP2 TCGA-A1-A0SG-01  0.0000000
## 46      MUC4 TCGA-A1-A0SG-01  0.0000000
## 47      CDH1 TCGA-A1-A0SG-01  0.0000000
## 48    PIK3CA TCGA-A1-A0SG-01  0.0000000
## 49     GATA3 TCGA-A1-A0SG-01  0.0000000
## 50       TTN TCGA-A1-A0SG-01  0.0000000
## 51     MUC16 TCGA-A1-A0SH-01  0.0000000
## 52      MLL3 TCGA-A1-A0SH-01  0.0000000
## 53    MAP3K1 TCGA-A1-A0SH-01  0.0000000
## 54      TP53 TCGA-A1-A0SH-01  0.0000000
## 55   CROCCP2 TCGA-A1-A0SH-01  0.0000000
```

```
## 56      MUC4 TCGA-A1-A0SH-01  0.0000000
## 57      CDH1 TCGA-A1-A0SH-01  0.0000000
## 58    PIK3CA TCGA-A1-A0SH-01  0.0000000
## 59     GATA3 TCGA-A1-A0SH-01  0.0000000
## 60       TTN TCGA-A1-A0SH-01  0.0000000
## 61     MUC16 TCGA-A1-A0SI-01  0.0000000
## 62      MLL3 TCGA-A1-A0SI-01  1.0000000
## 63    MAP3K1 TCGA-A1-A0SI-01  0.0000000
## 64      TP53 TCGA-A1-A0SI-01  1.0000000
## 65   CROCCP2 TCGA-A1-A0SI-01  0.0000000
## 66      MUC4 TCGA-A1-A0SI-01  0.0000000
## 67      CDH1 TCGA-A1-A0SI-01  0.0000000
## 68    PIK3CA TCGA-A1-A0SI-01  1.0000000
## 69     GATA3 TCGA-A1-A0SI-01  0.0000000
## 70       TTN TCGA-A1-A0SI-01  0.0000000
## 71     MUC16 TCGA-A1-A0SJ-01  0.0000000
## 72      MLL3 TCGA-A1-A0SJ-01  0.0000000
## 73    MAP3K1 TCGA-A1-A0SJ-01  0.0000000
## 74      TP53 TCGA-A1-A0SJ-01  0.0000000
## 75   CROCCP2 TCGA-A1-A0SJ-01  0.0000000
## 76      MUC4 TCGA-A1-A0SJ-01  0.0000000
## 77      CDH1 TCGA-A1-A0SJ-01  0.0000000
## 78    PIK3CA TCGA-A1-A0SJ-01  0.0000000
## 79     GATA3 TCGA-A1-A0SJ-01  0.0000000
## 80       TTN TCGA-A1-A0SJ-01  0.0000000
## 81     MUC16 TCGA-A1-A0SK-01  0.0000000
## 82      MLL3 TCGA-A1-A0SK-01  0.0000000
## 83    MAP3K1 TCGA-A1-A0SK-01  0.0000000
## 84      TP53 TCGA-A1-A0SK-01  1.0000000
## 85   CROCCP2 TCGA-A1-A0SK-01  0.0000000
## 86      MUC4 TCGA-A1-A0SK-01  1.0000000
## 87      CDH1 TCGA-A1-A0SK-01  0.0000000
## 88    PIK3CA TCGA-A1-A0SK-01  0.0000000
## 89     GATA3 TCGA-A1-A0SK-01  0.0000000
## 90       TTN TCGA-A1-A0SK-01  0.0000000
## 91     MUC16 TCGA-A1-A0SM-01  0.0000000
## 92      MLL3 TCGA-A1-A0SM-01  0.0000000
## 93    MAP3K1 TCGA-A1-A0SM-01  0.0000000
## 94      TP53 TCGA-A1-A0SM-01  0.0000000
## 95   CROCCP2 TCGA-A1-A0SM-01  0.0000000
## 96      MUC4 TCGA-A1-A0SM-01  0.0000000
## 97      CDH1 TCGA-A1-A0SM-01  0.0000000
## 98    PIK3CA TCGA-A1-A0SM-01  0.0000000
## 99     GATA3 TCGA-A1-A0SM-01  0.0000000
## 100      TTN TCGA-A1-A0SM-01  0.0000000
## 101    MUC16 TCGA-A1-A0SN-01  0.0000000
## 102     MLL3 TCGA-A1-A0SN-01  0.0000000
## 103   MAP3K1 TCGA-A1-A0SN-01  0.0000000
## 104     TP53 TCGA-A1-A0SN-01  0.0000000
## 105  CROCCP2 TCGA-A1-A0SN-01  0.0000000
## 106     MUC4 TCGA-A1-A0SN-01  0.0000000
## 107     CDH1 TCGA-A1-A0SN-01  0.0000000
## 108   PIK3CA TCGA-A1-A0SN-01  0.0000000
## 109    GATA3 TCGA-A1-A0SN-01  0.0000000
```

```
## 110     TTN TCGA-A1-A0SN-01  0.0000000
## 111   MUC16 TCGA-A1-A0SP-01  0.0000000
## 112    MLL3 TCGA-A1-A0SP-01  0.0000000
## 113   MAP3K1 TCGA-A1-A0SP-01  0.0000000
## 114    TP53 TCGA-A1-A0SP-01  1.0000000
## 115 CROCCP2 TCGA-A1-A0SP-01  0.0000000
## 116    MUC4 TCGA-A1-A0SP-01  0.0000000
## 117    CDH1 TCGA-A1-A0SP-01  0.0000000
## 118  PIK3CA TCGA-A1-A0SP-01  0.0000000
## 119   GATA3 TCGA-A1-A0SP-01  0.0000000
## 120     TTN TCGA-A1-A0SP-01  0.0000000
## 121   MUC16 TCGA-A1-A0SQ-01  0.0000000
## 122    MLL3 TCGA-A1-A0SQ-01  0.0000000
## 123  MAP3K1 TCGA-A1-A0SQ-01  0.0000000
## 124    TP53 TCGA-A1-A0SQ-01  0.0000000
## 125 CROCCP2 TCGA-A1-A0SQ-01  1.0000000
## 126    MUC4 TCGA-A1-A0SQ-01  0.0000000
## 127    CDH1 TCGA-A1-A0SQ-01  0.0000000
## 128  PIK3CA TCGA-A1-A0SQ-01  0.0000000
## 129   GATA3 TCGA-A1-A0SQ-01  1.0000000
## 130     TTN TCGA-A1-A0SQ-01  0.0000000
## 131   MUC16 TCGA-A2-A04N-01  1.0000000
## 132    MLL3 TCGA-A2-A04N-01  0.0000000
## 133  MAP3K1 TCGA-A2-A04N-01  1.0000000
## 134    TP53 TCGA-A2-A04N-01  0.0000000
## 135 CROCCP2 TCGA-A2-A04N-01  0.0000000
## 136    MUC4 TCGA-A2-A04N-01  0.0000000
## 137    CDH1 TCGA-A2-A04N-01  0.0000000
## 138  PIK3CA TCGA-A2-A04N-01  1.0000000
## 139   GATA3 TCGA-A2-A04N-01  0.0000000
## 140     TTN TCGA-A2-A04N-01  0.0000000
## 141   MUC16 TCGA-A2-A04P-01  0.0000000
## 142    MLL3 TCGA-A2-A04P-01  0.0000000
## 143  MAP3K1 TCGA-A2-A04P-01  0.0000000
## 144    TP53 TCGA-A2-A04P-01  1.0000000
## 145 CROCCP2 TCGA-A2-A04P-01  0.0000000
## 146    MUC4 TCGA-A2-A04P-01  0.0000000
## 147    CDH1 TCGA-A2-A04P-01  0.0000000
## 148  PIK3CA TCGA-A2-A04P-01  1.0000000
## 149   GATA3 TCGA-A2-A04P-01  0.0000000
## 150     TTN TCGA-A2-A04P-01  0.0000000
## 151   MUC16 TCGA-A2-A04Q-01  0.0000000
## 152    MLL3 TCGA-A2-A04Q-01  0.0000000
## 153  MAP3K1 TCGA-A2-A04Q-01  0.0000000
## 154    TP53 TCGA-A2-A04Q-01  0.0000000
## 155 CROCCP2 TCGA-A2-A04Q-01  0.0000000
## 156    MUC4 TCGA-A2-A04Q-01  0.0000000
## 157    CDH1 TCGA-A2-A04Q-01  0.0000000
## 158  PIK3CA TCGA-A2-A04Q-01  0.0000000
## 159   GATA3 TCGA-A2-A04Q-01  0.0000000
## 160     TTN TCGA-A2-A04Q-01  0.0000000
## 161   MUC16 TCGA-A2-A04R-01  0.0000000
## 162    MLL3 TCGA-A2-A04R-01  0.0000000
## 163  MAP3K1 TCGA-A2-A04R-01  0.0000000
```

```
## 164     TP53 TCGA-A2-A04R-01  0.0000000
## 165  CROCCP2 TCGA-A2-A04R-01  0.0000000
## 166     MUC4 TCGA-A2-A04R-01  0.0000000
## 167     CDH1 TCGA-A2-A04R-01  0.0000000
## 168   PIK3CA TCGA-A2-A04R-01  0.0000000
## 169    GATA3 TCGA-A2-A04R-01  0.0000000
## 170      TTN TCGA-A2-A04R-01  1.0000000
## 171    MUC16 TCGA-A2-A04T-01  0.0000000
## 172     MLL3 TCGA-A2-A04T-01  0.0000000
## 173    MAP3K1 TCGA-A2-A04T-01  0.0000000
## 174     TP53 TCGA-A2-A04T-01  1.0000000
## 175  CROCCP2 TCGA-A2-A04T-01  0.0000000
## 176     MUC4 TCGA-A2-A04T-01  0.0000000
## 177     CDH1 TCGA-A2-A04T-01  0.0000000
## 178   PIK3CA TCGA-A2-A04T-01  1.0000000
## 179    GATA3 TCGA-A2-A04T-01  0.0000000
## 180      TTN TCGA-A2-A04T-01  0.0000000
## 181    MUC16 TCGA-A2-A04U-01  0.0000000
## 182     MLL3 TCGA-A2-A04U-01  0.0000000
## 183    MAP3K1 TCGA-A2-A04U-01  0.0000000
## 184     TP53 TCGA-A2-A04U-01  1.0000000
## 185  CROCCP2 TCGA-A2-A04U-01  0.0000000
## 186     MUC4 TCGA-A2-A04U-01  0.0000000
## 187     CDH1 TCGA-A2-A04U-01  0.0000000
## 188   PIK3CA TCGA-A2-A04U-01  0.0000000
## 189    GATA3 TCGA-A2-A04U-01  0.0000000
## 190      TTN TCGA-A2-A04U-01  0.0000000
## 191    MUC16 TCGA-A2-A04V-01  0.0000000
## 192     MLL3 TCGA-A2-A04V-01  0.0000000
## 193    MAP3K1 TCGA-A2-A04V-01  0.0000000
## 194     TP53 TCGA-A2-A04V-01  0.0000000
## 195  CROCCP2 TCGA-A2-A04V-01  0.0000000
## 196     MUC4 TCGA-A2-A04V-01  0.0000000
## 197     CDH1 TCGA-A2-A04V-01  0.0000000
## 198   PIK3CA TCGA-A2-A04V-01  1.0000000
## 199    GATA3 TCGA-A2-A04V-01  0.0000000
## 200      TTN TCGA-A2-A04V-01  0.0000000
## 201    MUC16 TCGA-A2-A04W-01  0.0000000
## 202     MLL3 TCGA-A2-A04W-01  0.0000000
## 203    MAP3K1 TCGA-A2-A04W-01  0.0000000
## 204     TP53 TCGA-A2-A04W-01  1.0000000
## 205  CROCCP2 TCGA-A2-A04W-01  0.0000000
## 206     MUC4 TCGA-A2-A04W-01  0.0000000
## 207     CDH1 TCGA-A2-A04W-01  0.0000000
## 208   PIK3CA TCGA-A2-A04W-01  1.0000000
## 209    GATA3 TCGA-A2-A04W-01  0.0000000
## 210      TTN TCGA-A2-A04W-01  0.0000000
## 211    MUC16 TCGA-A2-A04X-01  0.0000000
## 212     MLL3 TCGA-A2-A04X-01  0.0000000
## 213    MAP3K1 TCGA-A2-A04X-01  0.0000000
## 214     TP53 TCGA-A2-A04X-01  0.0000000
## 215  CROCCP2 TCGA-A2-A04X-01  0.0000000
## 216     MUC4 TCGA-A2-A04X-01  0.0000000
## 217     CDH1 TCGA-A2-A04X-01  0.0000000
```

```
## 218  PIK3CA TCGA-A2-A04X-01  0.0000000
## 219   GATA3 TCGA-A2-A04X-01  0.0000000
## 220     TTN TCGA-A2-A04X-01  0.0000000
## 221   MUC16 TCGA-A2-A04Y-01  0.0000000
## 222    MLL3 TCGA-A2-A04Y-01  0.0000000
## 223  MAP3K1 TCGA-A2-A04Y-01  0.0000000
## 224    TP53 TCGA-A2-A04Y-01  0.0000000
## 225 CROCCP2 TCGA-A2-A04Y-01  0.0000000
## 226    MUC4 TCGA-A2-A04Y-01  0.0000000
## 227    CDH1 TCGA-A2-A04Y-01  0.0000000
## 228  PIK3CA TCGA-A2-A04Y-01  0.0000000
## 229   GATA3 TCGA-A2-A04Y-01  0.0000000
## 230     TTN TCGA-A2-A04Y-01  0.0000000
## 231   MUC16 TCGA-A2-A0CK-01  0.0000000
## 232    MLL3 TCGA-A2-A0CK-01  0.0000000
## 233  MAP3K1 TCGA-A2-A0CK-01  0.0000000
## 234    TP53 TCGA-A2-A0CK-01  0.0000000
## 235 CROCCP2 TCGA-A2-A0CK-01  0.0000000
## 236    MUC4 TCGA-A2-A0CK-01  0.0000000
## 237    CDH1 TCGA-A2-A0CK-01  1.0000000
## 238  PIK3CA TCGA-A2-A0CK-01  0.0000000
## 239   GATA3 TCGA-A2-A0CK-01  0.0000000
## 240     TTN TCGA-A2-A0CK-01  0.0000000
## 241   MUC16 TCGA-A2-A0CL-01  0.0000000
## 242    MLL3 TCGA-A2-A0CL-01  0.0000000
## 243  MAP3K1 TCGA-A2-A0CL-01  0.0000000
## 244    TP53 TCGA-A2-A0CL-01  0.0000000
## 245 CROCCP2 TCGA-A2-A0CL-01  0.0000000
## 246    MUC4 TCGA-A2-A0CL-01  0.0000000
## 247    CDH1 TCGA-A2-A0CL-01  0.0000000
## 248  PIK3CA TCGA-A2-A0CL-01  0.0000000
## 249   GATA3 TCGA-A2-A0CL-01  0.0000000
## 250     TTN TCGA-A2-A0CL-01  0.0000000
## 251   MUC16 TCGA-A2-A0CM-01  0.0000000
## 252    MLL3 TCGA-A2-A0CM-01  0.0000000
## 253  MAP3K1 TCGA-A2-A0CM-01  0.0000000
## 254    TP53 TCGA-A2-A0CM-01  1.0000000
## 255 CROCCP2 TCGA-A2-A0CM-01  0.0000000
## 256    MUC4 TCGA-A2-A0CM-01  0.0000000
## 257    CDH1 TCGA-A2-A0CM-01  0.0000000
## 258  PIK3CA TCGA-A2-A0CM-01  0.0000000
## 259   GATA3 TCGA-A2-A0CM-01  0.0000000
## 260     TTN TCGA-A2-A0CM-01  0.0000000
## 261   MUC16 TCGA-A2-A0CP-01  0.0000000
## 262    MLL3 TCGA-A2-A0CP-01  0.0000000
## 263  MAP3K1 TCGA-A2-A0CP-01  1.0000000
## 264    TP53 TCGA-A2-A0CP-01  0.0000000
## 265 CROCCP2 TCGA-A2-A0CP-01  0.0000000
## 266    MUC4 TCGA-A2-A0CP-01  0.0000000
## 267    CDH1 TCGA-A2-A0CP-01  0.0000000
## 268  PIK3CA TCGA-A2-A0CP-01  1.0000000
## 269   GATA3 TCGA-A2-A0CP-01  0.0000000
## 270     TTN TCGA-A2-A0CP-01  0.0000000
## 271   MUC16 TCGA-A2-A0CQ-01  0.0000000
```

```
## 272     MLL3 TCGA-A2-A0CQ-01  0.0000000
## 273   MAP3K1 TCGA-A2-A0CQ-01  0.0000000
## 274     TP53 TCGA-A2-A0CQ-01  0.0000000
## 275  CROCCP2 TCGA-A2-A0CQ-01  0.0000000
## 276     MUC4 TCGA-A2-A0CQ-01  0.0000000
## 277     CDH1 TCGA-A2-A0CQ-01  0.0000000
## 278    PIK3CA TCGA-A2-A0CQ-01  0.0000000
## 279    GATA3 TCGA-A2-A0CQ-01  0.0000000
## 280      TTN TCGA-A2-A0CQ-01  0.0000000
## 281    MUC16 TCGA-A2-A0CR-01  1.0000000
## 282     MLL3 TCGA-A2-A0CR-01  0.0000000
## 283   MAP3K1 TCGA-A2-A0CR-01  0.0000000
## 284     TP53 TCGA-A2-A0CR-01  0.0000000
## 285  CROCCP2 TCGA-A2-A0CR-01  0.0000000
## 286     MUC4 TCGA-A2-A0CR-01  0.0000000
## 287     CDH1 TCGA-A2-A0CR-01  1.0000000
## 288    PIK3CA TCGA-A2-A0CR-01  1.0000000
## 289    GATA3 TCGA-A2-A0CR-01  0.0000000
## 290      TTN TCGA-A2-A0CR-01  0.0000000
## 291    MUC16 TCGA-A2-A0CS-01  0.0000000
## 292     MLL3 TCGA-A2-A0CS-01  1.0000000
## 293   MAP3K1 TCGA-A2-A0CS-01  0.0000000
## 294     TP53 TCGA-A2-A0CS-01  0.0000000
## 295  CROCCP2 TCGA-A2-A0CS-01  0.0000000
## 296     MUC4 TCGA-A2-A0CS-01  0.0000000
## 297     CDH1 TCGA-A2-A0CS-01  0.0000000
## 298    PIK3CA TCGA-A2-A0CS-01  1.0000000
## 299    GATA3 TCGA-A2-A0CS-01  0.0000000
## 300      TTN TCGA-A2-A0CS-01  0.0000000
## 301    MUC16 TCGA-A2-A0CT-01  0.0000000
## 302     MLL3 TCGA-A2-A0CT-01  0.0000000
## 303   MAP3K1 TCGA-A2-A0CT-01  0.0000000
## 304     TP53 TCGA-A2-A0CT-01  0.0000000
## 305  CROCCP2 TCGA-A2-A0CT-01  0.0000000
## 306     MUC4 TCGA-A2-A0CT-01  0.0000000
## 307     CDH1 TCGA-A2-A0CT-01  0.0000000
## 308    PIK3CA TCGA-A2-A0CT-01  0.0000000
## 309    GATA3 TCGA-A2-A0CT-01  0.0000000
## 310      TTN TCGA-A2-A0CT-01  0.0000000
## 311    MUC16 TCGA-A2-A0CU-01  0.0000000
## 312     MLL3 TCGA-A2-A0CU-01  0.0000000
## 313   MAP3K1 TCGA-A2-A0CU-01  0.0000000
## 314     TP53 TCGA-A2-A0CU-01  0.0000000
## 315  CROCCP2 TCGA-A2-A0CU-01  0.0000000
## 316     MUC4 TCGA-A2-A0CU-01  0.0000000
## 317     CDH1 TCGA-A2-A0CU-01  0.0000000
## 318    PIK3CA TCGA-A2-A0CU-01  0.0000000
## 319    GATA3 TCGA-A2-A0CU-01  0.0000000
## 320      TTN TCGA-A2-A0CU-01  0.0000000
## 321    MUC16 TCGA-A2-A0CV-01  0.0000000
## 322     MLL3 TCGA-A2-A0CV-01  0.0000000
## 323   MAP3K1 TCGA-A2-A0CV-01  0.0000000
## 324     TP53 TCGA-A2-A0CV-01  0.0000000
## 325  CROCCP2 TCGA-A2-A0CV-01  0.0000000
```

```
## 326     MUC4 TCGA-A2-A0CV-01  0.0000000
## 327     CDH1 TCGA-A2-A0CV-01  0.0000000
## 328   PIK3CA TCGA-A2-A0CV-01  0.0000000
## 329    GATA3 TCGA-A2-A0CV-01  1.0000000
## 330      TTN TCGA-A2-A0CV-01  0.0000000
## 331    MUC16 TCGA-A2-A0CW-01  0.0000000
## 332     MLL3 TCGA-A2-A0CW-01  0.0000000
## 333   MAP3K1 TCGA-A2-A0CW-01  0.0000000
## 334     TP53 TCGA-A2-A0CW-01  1.0000000
## 335  CROCCP2 TCGA-A2-A0CW-01  0.0000000
## 336     MUC4 TCGA-A2-A0CW-01  0.0000000
## 337     CDH1 TCGA-A2-A0CW-01  0.0000000
## 338   PIK3CA TCGA-A2-A0CW-01  1.0000000
## 339    GATA3 TCGA-A2-A0CW-01  0.0000000
## 340      TTN TCGA-A2-A0CW-01  0.0000000
## 341    MUC16 TCGA-A2-A0CX-01  0.0000000
## 342     MLL3 TCGA-A2-A0CX-01  0.0000000
## 343   MAP3K1 TCGA-A2-A0CX-01  0.0000000
## 344     TP53 TCGA-A2-A0CX-01  0.0000000
## 345  CROCCP2 TCGA-A2-A0CX-01  0.0000000
## 346     MUC4 TCGA-A2-A0CX-01  0.0000000
## 347     CDH1 TCGA-A2-A0CX-01  0.0000000
## 348   PIK3CA TCGA-A2-A0CX-01  0.0000000
## 349    GATA3 TCGA-A2-A0CX-01  0.0000000
## 350      TTN TCGA-A2-A0CX-01  0.0000000
## 351    MUC16 TCGA-A2-A0D0-01  0.0000000
## 352     MLL3 TCGA-A2-A0D0-01  0.0000000
## 353   MAP3K1 TCGA-A2-A0D0-01  0.0000000
## 354     TP53 TCGA-A2-A0D0-01  1.0000000
## 355  CROCCP2 TCGA-A2-A0D0-01  0.0000000
## 356     MUC4 TCGA-A2-A0D0-01  0.0000000
## 357     CDH1 TCGA-A2-A0D0-01  0.0000000
## 358   PIK3CA TCGA-A2-A0D0-01  0.0000000
## 359    GATA3 TCGA-A2-A0D0-01  0.0000000
## 360      TTN TCGA-A2-A0D0-01  0.0000000
## 361    MUC16 TCGA-A2-A0D1-01  1.0000000
## 362     MLL3 TCGA-A2-A0D1-01  0.0000000
## 363   MAP3K1 TCGA-A2-A0D1-01  0.0000000
## 364     TP53 TCGA-A2-A0D1-01  1.0000000
## 365  CROCCP2 TCGA-A2-A0D1-01  0.0000000
## 366     MUC4 TCGA-A2-A0D1-01  0.0000000
## 367     CDH1 TCGA-A2-A0D1-01  0.0000000
## 368   PIK3CA TCGA-A2-A0D1-01  1.0000000
## 369    GATA3 TCGA-A2-A0D1-01  0.0000000
## 370      TTN TCGA-A2-A0D1-01  0.0000000
## 371    MUC16 TCGA-A2-A0D2-01  0.0000000
## 372     MLL3 TCGA-A2-A0D2-01  0.0000000
## 373   MAP3K1 TCGA-A2-A0D2-01  0.0000000
## 374     TP53 TCGA-A2-A0D2-01  0.0000000
## 375  CROCCP2 TCGA-A2-A0D2-01  0.0000000
## 376     MUC4 TCGA-A2-A0D2-01  0.0000000
## 377     CDH1 TCGA-A2-A0D2-01  0.0000000
## 378   PIK3CA TCGA-A2-A0D2-01  0.0000000
## 379    GATA3 TCGA-A2-A0D2-01  0.0000000
```

```
## 380      TTN TCGA-A2-A0D2-01  0.0000000
## 381    MUC16 TCGA-A2-A0D3-01  0.0000000
## 382     MLL3 TCGA-A2-A0D3-01  1.0000000
## 383    MAP3K1 TCGA-A2-A0D3-01  0.0000000
## 384     TP53 TCGA-A2-A0D3-01  0.0000000
## 385   CROCCP2 TCGA-A2-A0D3-01  0.0000000
## 386     MUC4 TCGA-A2-A0D3-01  0.0000000
## 387     CDH1 TCGA-A2-A0D3-01  0.0000000
## 388    PIK3CA TCGA-A2-A0D3-01  1.0000000
## 389    GATA3 TCGA-A2-A0D3-01  1.0000000
## 390      TTN TCGA-A2-A0D3-01  0.0000000
## 391    MUC16 TCGA-A2-A0D4-01  0.0000000
## 392     MLL3 TCGA-A2-A0D4-01  0.0000000
## 393    MAP3K1 TCGA-A2-A0D4-01  0.0000000
## 394     TP53 TCGA-A2-A0D4-01  0.0000000
## 395   CROCCP2 TCGA-A2-A0D4-01  0.0000000
## 396     MUC4 TCGA-A2-A0D4-01  0.0000000
## 397     CDH1 TCGA-A2-A0D4-01  0.0000000
## 398    PIK3CA TCGA-A2-A0D4-01  0.0000000
## 399    GATA3 TCGA-A2-A0D4-01  0.0000000
## 400      TTN TCGA-A2-A0D4-01  0.0000000
## 401    MUC16 TCGA-A2-A0EM-01  0.0000000
## 402     MLL3 TCGA-A2-A0EM-01  1.0000000
## 403    MAP3K1 TCGA-A2-A0EM-01  0.0000000
## 404     TP53 TCGA-A2-A0EM-01  0.0000000
## 405   CROCCP2 TCGA-A2-A0EM-01  0.0000000
## 406     MUC4 TCGA-A2-A0EM-01  0.0000000
## 407     CDH1 TCGA-A2-A0EM-01  0.0000000
## 408    PIK3CA TCGA-A2-A0EM-01  1.0000000
## 409    GATA3 TCGA-A2-A0EM-01  0.0000000
## 410      TTN TCGA-A2-A0EM-01  0.0000000
## 411    MUC16 TCGA-A2-A0EN-01  0.0000000
## 412     MLL3 TCGA-A2-A0EN-01  1.0000000
## 413    MAP3K1 TCGA-A2-A0EN-01  0.0000000
## 414     TP53 TCGA-A2-A0EN-01  0.0000000
## 415   CROCCP2 TCGA-A2-A0EN-01  0.0000000
## 416     MUC4 TCGA-A2-A0EN-01  1.0000000
## 417     CDH1 TCGA-A2-A0EN-01  0.0000000
## 418    PIK3CA TCGA-A2-A0EN-01  1.0000000
## 419    GATA3 TCGA-A2-A0EN-01  0.0000000
## 420      TTN TCGA-A2-A0EN-01  1.0000000
## 421    MUC16 TCGA-A2-A0EO-01  0.0000000
## 422     MLL3 TCGA-A2-A0EO-01  0.0000000
## 423    MAP3K1 TCGA-A2-A0EO-01  0.0000000
## 424     TP53 TCGA-A2-A0EO-01  0.0000000
## 425   CROCCP2 TCGA-A2-A0EO-01  1.0000000
## 426     MUC4 TCGA-A2-A0EO-01  0.0000000
## 427     CDH1 TCGA-A2-A0EO-01  0.0000000
## 428    PIK3CA TCGA-A2-A0EO-01  1.0000000
## 429    GATA3 TCGA-A2-A0EO-01  0.0000000
## 430      TTN TCGA-A2-A0EO-01  0.0000000
## 431    MUC16 TCGA-A2-A0EP-01  0.0000000
## 432     MLL3 TCGA-A2-A0EP-01  0.0000000
## 433    MAP3K1 TCGA-A2-A0EP-01  0.0000000
```

```
## 434      TP53 TCGA-A2-A0EP-01  0.0000000
## 435  CROCCP2 TCGA-A2-A0EP-01  1.0000000
## 436     MUC4 TCGA-A2-A0EP-01  0.0000000
## 437     CDH1 TCGA-A2-A0EP-01  0.0000000
## 438   PIK3CA TCGA-A2-A0EP-01  0.0000000
## 439    GATA3 TCGA-A2-A0EP-01  0.0000000
## 440      TTN TCGA-A2-A0EP-01  0.0000000
## 441    MUC16 TCGA-A2-A0EQ-01  0.0000000
## 442     MLL3 TCGA-A2-A0EQ-01  0.0000000
## 443   MAP3K1 TCGA-A2-A0EQ-01  0.0000000
## 444      TP53 TCGA-A2-A0EQ-01  1.0000000
## 445  CROCCP2 TCGA-A2-A0EQ-01  0.0000000
## 446     MUC4 TCGA-A2-A0EQ-01  1.0000000
## 447     CDH1 TCGA-A2-A0EQ-01  0.0000000
## 448   PIK3CA TCGA-A2-A0EQ-01  1.0000000
## 449    GATA3 TCGA-A2-A0EQ-01  0.0000000
## 450      TTN TCGA-A2-A0EQ-01  0.0000000
## 451    MUC16 TCGA-A2-A0ER-01  0.0000000
## 452     MLL3 TCGA-A2-A0ER-01  0.0000000
## 453   MAP3K1 TCGA-A2-A0ER-01  0.0000000
## 454      TP53 TCGA-A2-A0ER-01  0.0000000
## 455  CROCCP2 TCGA-A2-A0ER-01  0.0000000
## 456     MUC4 TCGA-A2-A0ER-01  0.0000000
## 457     CDH1 TCGA-A2-A0ER-01  0.0000000
## 458   PIK3CA TCGA-A2-A0ER-01  0.0000000
## 459    GATA3 TCGA-A2-A0ER-01  0.0000000
## 460      TTN TCGA-A2-A0ER-01  0.0000000
## 461    MUC16 TCGA-A2-A0ES-01  0.0000000
## 462     MLL3 TCGA-A2-A0ES-01  0.0000000
## 463   MAP3K1 TCGA-A2-A0ES-01  0.0000000
## 464      TP53 TCGA-A2-A0ES-01  0.0000000
## 465  CROCCP2 TCGA-A2-A0ES-01  0.0000000
## 466     MUC4 TCGA-A2-A0ES-01  0.0000000
## 467     CDH1 TCGA-A2-A0ES-01  0.0000000
## 468   PIK3CA TCGA-A2-A0ES-01  0.0000000
## 469    GATA3 TCGA-A2-A0ES-01  0.0000000
## 470      TTN TCGA-A2-A0ES-01  0.0000000
## 471    MUC16 TCGA-A2-A0ET-01  0.0000000
## 472     MLL3 TCGA-A2-A0ET-01  0.0000000
## 473   MAP3K1 TCGA-A2-A0ET-01  0.0000000
## 474      TP53 TCGA-A2-A0ET-01  0.0000000
## 475  CROCCP2 TCGA-A2-A0ET-01  0.0000000
## 476     MUC4 TCGA-A2-A0ET-01  1.0000000
## 477     CDH1 TCGA-A2-A0ET-01  0.0000000
## 478   PIK3CA TCGA-A2-A0ET-01  0.0000000
## 479    GATA3 TCGA-A2-A0ET-01  0.0000000
## 480      TTN TCGA-A2-A0ET-01  0.0000000
## 481    MUC16 TCGA-A2-A0EU-01  0.0000000
## 482     MLL3 TCGA-A2-A0EU-01  0.0000000
## 483   MAP3K1 TCGA-A2-A0EU-01  1.0000000
## 484      TP53 TCGA-A2-A0EU-01  0.0000000
## 485  CROCCP2 TCGA-A2-A0EU-01  0.0000000
## 486     MUC4 TCGA-A2-A0EU-01  0.0000000
## 487     CDH1 TCGA-A2-A0EU-01  0.0000000
```

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## 488    PIK3CA TCGA-A2-A0EU-01  0.0000000
## 489     GATA3 TCGA-A2-A0EU-01  0.0000000
## 490       TTN TCGA-A2-A0EU-01  0.0000000
## 491     MUC16 TCGA-A2-A0EW-01  0.0000000
## 492      MLL3 TCGA-A2-A0EW-01  0.0000000
## 493     MAP3K1 TCGA-A2-A0EW-01  0.0000000
## 494      TP53 TCGA-A2-A0EW-01  0.0000000
## 495   CROCCP2 TCGA-A2-A0EW-01  0.0000000
## 496      MUC4 TCGA-A2-A0EW-01  0.0000000
## 497      CDH1 TCGA-A2-A0EW-01  0.0000000
## 498    PIK3CA TCGA-A2-A0EW-01  1.0000000
## 499     GATA3 TCGA-A2-A0EW-01  0.0000000
## 500       TTN TCGA-A2-A0EW-01  1.0000000
## 501     MUC16 TCGA-A2-A0EX-01  0.0000000
## 502      MLL3 TCGA-A2-A0EX-01  0.0000000
## 503     MAP3K1 TCGA-A2-A0EX-01  0.0000000
## 504      TP53 TCGA-A2-A0EX-01  0.0000000
## 505   CROCCP2 TCGA-A2-A0EX-01  0.0000000
## 506      MUC4 TCGA-A2-A0EX-01  0.0000000
## 507      CDH1 TCGA-A2-A0EX-01  1.0000000
## 508    PIK3CA TCGA-A2-A0EX-01  1.0000000
## 509     GATA3 TCGA-A2-A0EX-01  0.0000000
## 510       TTN TCGA-A2-A0EX-01  0.0000000
## 511     MUC16 TCGA-A2-A0EY-01  0.0000000
## 512      MLL3 TCGA-A2-A0EY-01  0.0000000
## 513     MAP3K1 TCGA-A2-A0EY-01  0.0000000
## 514      TP53 TCGA-A2-A0EY-01  1.0000000
## 515   CROCCP2 TCGA-A2-A0EY-01  0.0000000
## 516      MUC4 TCGA-A2-A0EY-01  0.0000000
## 517      CDH1 TCGA-A2-A0EY-01  0.0000000
## 518    PIK3CA TCGA-A2-A0EY-01  1.0000000
## 519     GATA3 TCGA-A2-A0EY-01  0.0000000
## 520       TTN TCGA-A2-A0EY-01  1.0000000
## 521     MUC16 TCGA-A2-A0ST-01  0.0000000
## 522      MLL3 TCGA-A2-A0ST-01  0.0000000
## 523     MAP3K1 TCGA-A2-A0ST-01  0.0000000
## 524      TP53 TCGA-A2-A0ST-01  0.0000000
## 525   CROCCP2 TCGA-A2-A0ST-01  0.0000000
## 526      MUC4 TCGA-A2-A0ST-01  0.0000000
## 527      CDH1 TCGA-A2-A0ST-01  0.0000000
## 528    PIK3CA TCGA-A2-A0ST-01  0.0000000
## 529     GATA3 TCGA-A2-A0ST-01  0.0000000
## 530       TTN TCGA-A2-A0ST-01  0.0000000
## 531     MUC16 TCGA-A2-A0SU-01  0.0000000
## 532      MLL3 TCGA-A2-A0SU-01  0.0000000
## 533     MAP3K1 TCGA-A2-A0SU-01  0.0000000
## 534      TP53 TCGA-A2-A0SU-01  0.0000000
## 535   CROCCP2 TCGA-A2-A0SU-01  0.0000000
## 536      MUC4 TCGA-A2-A0SU-01  0.0000000
## 537      CDH1 TCGA-A2-A0SU-01  0.0000000
## 538    PIK3CA TCGA-A2-A0SU-01  0.0000000
## 539     GATA3 TCGA-A2-A0SU-01  1.0000000
## 540       TTN TCGA-A2-A0SU-01  0.0000000
## 541     MUC16 TCGA-A2-A0SV-01  0.0000000
```

```
## 542     MLL3 TCGA-A2-A0SV-01  1.0000000
## 543   MAP3K1 TCGA-A2-A0SV-01  0.0000000
## 544     TP53 TCGA-A2-A0SV-01  1.0000000
## 545  CROCCP2 TCGA-A2-A0SV-01  0.0000000
## 546     MUC4 TCGA-A2-A0SV-01  0.0000000
## 547     CDH1 TCGA-A2-A0SV-01  0.0000000
## 548    PIK3CA TCGA-A2-A0SV-01  0.0000000
## 549    GATA3 TCGA-A2-A0SV-01  0.0000000
## 550      TTN TCGA-A2-A0SV-01  0.0000000
## 551    MUC16 TCGA-A2-A0SX-01  0.0000000
## 552     MLL3 TCGA-A2-A0SX-01  0.0000000
## 553   MAP3K1 TCGA-A2-A0SX-01  0.0000000
## 554     TP53 TCGA-A2-A0SX-01  1.0000000
## 555  CROCCP2 TCGA-A2-A0SX-01  0.0000000
## 556     MUC4 TCGA-A2-A0SX-01  0.0000000
## 557     CDH1 TCGA-A2-A0SX-01  0.0000000
## 558    PIK3CA TCGA-A2-A0SX-01  0.0000000
## 559    GATA3 TCGA-A2-A0SX-01  0.0000000
## 560      TTN TCGA-A2-A0SX-01  0.0000000
## 561    MUC16 TCGA-A2-A0SY-01  0.0000000
## 562     MLL3 TCGA-A2-A0SY-01  0.0000000
## 563   MAP3K1 TCGA-A2-A0SY-01  0.0000000
## 564     TP53 TCGA-A2-A0SY-01  0.0000000
## 565  CROCCP2 TCGA-A2-A0SY-01  0.0000000
## 566     MUC4 TCGA-A2-A0SY-01  0.0000000
## 567     CDH1 TCGA-A2-A0SY-01  1.0000000
## 568    PIK3CA TCGA-A2-A0SY-01  1.0000000
## 569    GATA3 TCGA-A2-A0SY-01  0.0000000
## 570      TTN TCGA-A2-A0SY-01  1.0000000
## 571    MUC16 TCGA-A2-A0T0-01  1.0000000
## 572     MLL3 TCGA-A2-A0T0-01  0.0000000
## 573   MAP3K1 TCGA-A2-A0T0-01  0.0000000
## 574     TP53 TCGA-A2-A0T0-01  0.0000000
## 575  CROCCP2 TCGA-A2-A0T0-01  0.0000000
## 576     MUC4 TCGA-A2-A0T0-01  0.0000000
## 577     CDH1 TCGA-A2-A0T0-01  0.0000000
## 578    PIK3CA TCGA-A2-A0T0-01  0.0000000
## 579    GATA3 TCGA-A2-A0T0-01  0.0000000
## 580      TTN TCGA-A2-A0T0-01  1.0000000
## 581    MUC16 TCGA-A2-A0T1-01  0.0000000
## 582     MLL3 TCGA-A2-A0T1-01  0.0000000
## 583   MAP3K1 TCGA-A2-A0T1-01  0.0000000
## 584     TP53 TCGA-A2-A0T1-01  1.0000000
## 585  CROCCP2 TCGA-A2-A0T1-01  0.0000000
## 586     MUC4 TCGA-A2-A0T1-01  0.0000000
## 587     CDH1 TCGA-A2-A0T1-01  0.0000000
## 588    PIK3CA TCGA-A2-A0T1-01  0.0000000
## 589    GATA3 TCGA-A2-A0T1-01  0.0000000
## 590      TTN TCGA-A2-A0T1-01  0.0000000
## 591    MUC16 TCGA-A2-A0T2-01  0.0000000
## 592     MLL3 TCGA-A2-A0T2-01  0.0000000
## 593   MAP3K1 TCGA-A2-A0T2-01  0.0000000
## 594     TP53 TCGA-A2-A0T2-01  1.0000000
## 595  CROCCP2 TCGA-A2-A0T2-01  0.0000000
```

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## 596     MUC4 TCGA-A2-A0T2-01  0.0000000
## 597     CDH1 TCGA-A2-A0T2-01  0.0000000
## 598   PIK3CA TCGA-A2-A0T2-01  0.0000000
## 599    GATA3 TCGA-A2-A0T2-01  0.0000000
## 600      TTN TCGA-A2-A0T2-01  0.0000000
## 601    MUC16 TCGA-A2-A0T3-01  1.0000000
## 602     MLL3 TCGA-A2-A0T3-01  0.0000000
## 603   MAP3K1 TCGA-A2-A0T3-01  0.0000000
## 604     TP53 TCGA-A2-A0T3-01  0.0000000
## 605  CROCCP2 TCGA-A2-A0T3-01  1.0000000
## 606     MUC4 TCGA-A2-A0T3-01  0.0000000
## 607     CDH1 TCGA-A2-A0T3-01  0.0000000
## 608   PIK3CA TCGA-A2-A0T3-01  0.0000000
## 609    GATA3 TCGA-A2-A0T3-01  0.0000000
## 610      TTN TCGA-A2-A0T3-01  0.0000000
## 611    MUC16 TCGA-A2-A0T4-01  0.0000000
## 612     MLL3 TCGA-A2-A0T4-01  0.0000000
## 613   MAP3K1 TCGA-A2-A0T4-01  0.0000000
## 614     TP53 TCGA-A2-A0T4-01  0.0000000
## 615  CROCCP2 TCGA-A2-A0T4-01  0.0000000
## 616     MUC4 TCGA-A2-A0T4-01  0.0000000
## 617     CDH1 TCGA-A2-A0T4-01  1.0000000
## 618   PIK3CA TCGA-A2-A0T4-01  1.0000000
## 619    GATA3 TCGA-A2-A0T4-01  0.0000000
## 620      TTN TCGA-A2-A0T4-01  0.0000000
## 621    MUC16 TCGA-A2-A0T5-01  1.0000000
## 622     MLL3 TCGA-A2-A0T5-01  0.0000000
## 623   MAP3K1 TCGA-A2-A0T5-01  0.0000000
## 624     TP53 TCGA-A2-A0T5-01  0.0000000
## 625  CROCCP2 TCGA-A2-A0T5-01  0.0000000
## 626     MUC4 TCGA-A2-A0T5-01  1.0000000
## 627     CDH1 TCGA-A2-A0T5-01  0.0000000
## 628   PIK3CA TCGA-A2-A0T5-01  0.0000000
## 629    GATA3 TCGA-A2-A0T5-01  1.0000000
## 630      TTN TCGA-A2-A0T5-01  0.0000000
## 631    MUC16 TCGA-A2-A0T6-01  1.0000000
## 632     MLL3 TCGA-A2-A0T6-01  0.0000000
## 633   MAP3K1 TCGA-A2-A0T6-01  0.0000000
## 634     TP53 TCGA-A2-A0T6-01  0.0000000
## 635  CROCCP2 TCGA-A2-A0T6-01  0.0000000
## 636     MUC4 TCGA-A2-A0T6-01  0.0000000
## 637     CDH1 TCGA-A2-A0T6-01  1.0000000
## 638   PIK3CA TCGA-A2-A0T6-01  0.0000000
## 639    GATA3 TCGA-A2-A0T6-01  0.0000000
## 640      TTN TCGA-A2-A0T6-01  0.0000000
## 641    MUC16 TCGA-A2-A0T7-01  0.0000000
## 642     MLL3 TCGA-A2-A0T7-01  0.0000000
## 643   MAP3K1 TCGA-A2-A0T7-01  0.0000000
## 644     TP53 TCGA-A2-A0T7-01  0.0000000
## 645  CROCCP2 TCGA-A2-A0T7-01  0.0000000
## 646     MUC4 TCGA-A2-A0T7-01  0.0000000
## 647     CDH1 TCGA-A2-A0T7-01  0.0000000
## 648   PIK3CA TCGA-A2-A0T7-01  1.0000000
## 649    GATA3 TCGA-A2-A0T7-01  0.0000000
```

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## 650     TTN TCGA-A2-A0T7-01  0.0000000
## 651   MUC16 TCGA-A2-A0YC-01  0.0000000
## 652    MLL3 TCGA-A2-A0YC-01  0.0000000
## 653   MAP3K1 TCGA-A2-A0YC-01  0.0000000
## 654    TP53 TCGA-A2-A0YC-01  0.0000000
## 655 CROCCP2 TCGA-A2-A0YC-01  0.0000000
## 656    MUC4 TCGA-A2-A0YC-01  0.0000000
## 657    CDH1 TCGA-A2-A0YC-01  0.0000000
## 658  PIK3CA TCGA-A2-A0YC-01  1.0000000
## 659   GATA3 TCGA-A2-A0YC-01  0.0000000
## 660     TTN TCGA-A2-A0YC-01  0.0000000
## 661   MUC16 TCGA-A2-A0YD-01  0.0000000
## 662    MLL3 TCGA-A2-A0YD-01  0.0000000
## 663   MAP3K1 TCGA-A2-A0YD-01  1.0000000
## 664    TP53 TCGA-A2-A0YD-01  0.0000000
## 665 CROCCP2 TCGA-A2-A0YD-01  0.0000000
## 666    MUC4 TCGA-A2-A0YD-01  0.0000000
## 667    CDH1 TCGA-A2-A0YD-01  1.0000000
## 668  PIK3CA TCGA-A2-A0YD-01  0.0000000
## 669   GATA3 TCGA-A2-A0YD-01  0.0000000
## 670     TTN TCGA-A2-A0YD-01  0.0000000
## 671   MUC16 TCGA-A2-A0YE-01  0.0000000
## 672    MLL3 TCGA-A2-A0YE-01  0.0000000
## 673   MAP3K1 TCGA-A2-A0YE-01  0.0000000
## 674    TP53 TCGA-A2-A0YE-01  1.0000000
## 675 CROCCP2 TCGA-A2-A0YE-01  0.0000000
## 676    MUC4 TCGA-A2-A0YE-01  0.0000000
## 677    CDH1 TCGA-A2-A0YE-01  0.0000000
## 678  PIK3CA TCGA-A2-A0YE-01  0.0000000
## 679   GATA3 TCGA-A2-A0YE-01  0.0000000
## 680     TTN TCGA-A2-A0YE-01  0.0000000
## 681   MUC16 TCGA-A2-A0YF-01  0.0000000
## 682    MLL3 TCGA-A2-A0YF-01  0.0000000
## 683   MAP3K1 TCGA-A2-A0YF-01  1.0000000
## 684    TP53 TCGA-A2-A0YF-01  0.0000000
## 685 CROCCP2 TCGA-A2-A0YF-01  0.0000000
## 686    MUC4 TCGA-A2-A0YF-01  0.0000000
## 687    CDH1 TCGA-A2-A0YF-01  0.0000000
## 688  PIK3CA TCGA-A2-A0YF-01  0.0000000
## 689   GATA3 TCGA-A2-A0YF-01  0.0000000
## 690     TTN TCGA-A2-A0YF-01  0.0000000
## 691   MUC16 TCGA-A2-A0YG-01  0.0000000
## 692    MLL3 TCGA-A2-A0YG-01  0.0000000
## 693   MAP3K1 TCGA-A2-A0YG-01  0.0000000
## 694    TP53 TCGA-A2-A0YG-01  1.0000000
## 695 CROCCP2 TCGA-A2-A0YG-01  0.0000000
## 696    MUC4 TCGA-A2-A0YG-01  1.0000000
## 697    CDH1 TCGA-A2-A0YG-01  0.0000000
## 698  PIK3CA TCGA-A2-A0YG-01  0.0000000
## 699   GATA3 TCGA-A2-A0YG-01  0.0000000
## 700     TTN TCGA-A2-A0YG-01  0.0000000
## 701   MUC16 TCGA-A2-A0YH-01  0.0000000
## 702    MLL3 TCGA-A2-A0YH-01  0.0000000
## 703   MAP3K1 TCGA-A2-A0YH-01  0.0000000
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## 704      TP53 TCGA-A2-A0YH-01  1.0000000
## 705  CROCCP2 TCGA-A2-A0YH-01  0.0000000
## 706     MUC4 TCGA-A2-A0YH-01  0.0000000
## 707     CDH1 TCGA-A2-A0YH-01  0.0000000
## 708   PIK3CA TCGA-A2-A0YH-01  1.0000000
## 709    GATA3 TCGA-A2-A0YH-01  0.0000000
## 710      TTN TCGA-A2-A0YH-01  1.0000000
## 711    MUC16 TCGA-A2-A0YI-01  0.0000000
## 712     MLL3 TCGA-A2-A0YI-01  0.0000000
## 713    MAP3K1 TCGA-A2-A0YI-01  0.0000000
## 714      TP53 TCGA-A2-A0YI-01  0.0000000
## 715  CROCCP2 TCGA-A2-A0YI-01  0.0000000
## 716     MUC4 TCGA-A2-A0YI-01  0.0000000
## 717     CDH1 TCGA-A2-A0YI-01  0.0000000
## 718   PIK3CA TCGA-A2-A0YI-01  1.0000000
## 719    GATA3 TCGA-A2-A0YI-01  0.0000000
## 720      TTN TCGA-A2-A0YI-01  0.0000000
## 721    MUC16 TCGA-A2-A0YJ-01  0.0000000
## 722     MLL3 TCGA-A2-A0YJ-01  0.0000000
## 723    MAP3K1 TCGA-A2-A0YJ-01  0.0000000
## 724      TP53 TCGA-A2-A0YJ-01  1.0000000
## 725  CROCCP2 TCGA-A2-A0YJ-01  0.0000000
## 726     MUC4 TCGA-A2-A0YJ-01  0.0000000
## 727     CDH1 TCGA-A2-A0YJ-01  0.0000000
## 728   PIK3CA TCGA-A2-A0YJ-01  0.0000000
## 729    GATA3 TCGA-A2-A0YJ-01  0.0000000
## 730      TTN TCGA-A2-A0YJ-01  0.0000000
## 731    MUC16 TCGA-A2-A0YK-01  0.0000000
## 732     MLL3 TCGA-A2-A0YK-01  0.0000000
## 733    MAP3K1 TCGA-A2-A0YK-01  1.0000000
## 734      TP53 TCGA-A2-A0YK-01  0.0000000
## 735  CROCCP2 TCGA-A2-A0YK-01  0.0000000
## 736     MUC4 TCGA-A2-A0YK-01  0.0000000
## 737     CDH1 TCGA-A2-A0YK-01  1.0000000
## 738   PIK3CA TCGA-A2-A0YK-01  1.0000000
## 739    GATA3 TCGA-A2-A0YK-01  0.0000000
## 740      TTN TCGA-A2-A0YK-01  1.0000000
## 741    MUC16 TCGA-A2-A0YL-01  0.0000000
## 742     MLL3 TCGA-A2-A0YL-01  0.0000000
## 743    MAP3K1 TCGA-A2-A0YL-01  0.0000000
## 744      TP53 TCGA-A2-A0YL-01  0.0000000
## 745  CROCCP2 TCGA-A2-A0YL-01  0.0000000
## 746     MUC4 TCGA-A2-A0YL-01  0.0000000
## 747     CDH1 TCGA-A2-A0YL-01  0.0000000
## 748   PIK3CA TCGA-A2-A0YL-01  1.0000000
## 749    GATA3 TCGA-A2-A0YL-01  0.0000000
## 750      TTN TCGA-A2-A0YL-01  0.0000000
## 751    MUC16 TCGA-A2-A0YM-01  0.0000000
## 752     MLL3 TCGA-A2-A0YM-01  0.0000000
## 753    MAP3K1 TCGA-A2-A0YM-01  0.0000000
## 754      TP53 TCGA-A2-A0YM-01  1.0000000
## 755  CROCCP2 TCGA-A2-A0YM-01  0.0000000
## 756     MUC4 TCGA-A2-A0YM-01  0.0000000
## 757     CDH1 TCGA-A2-A0YM-01  0.0000000
```

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## 758   PIK3CA TCGA-A2-A0YM-01  0.0000000
## 759    GATA3 TCGA-A2-A0YM-01  0.0000000
## 760      TTN TCGA-A2-A0YM-01  0.0000000
## 761    MUC16 TCGA-A2-A0YT-01  0.0000000
## 762     MLL3 TCGA-A2-A0YT-01  1.0000000
## 763    MAP3K1 TCGA-A2-A0YT-01  0.0000000
## 764     TP53 TCGA-A2-A0YT-01  1.0000000
## 765  CROCCP2 TCGA-A2-A0YT-01  0.0000000
## 766     MUC4 TCGA-A2-A0YT-01  0.0000000
## 767     CDH1 TCGA-A2-A0YT-01  0.0000000
## 768   PIK3CA TCGA-A2-A0YT-01  1.0000000
## 769    GATA3 TCGA-A2-A0YT-01  0.0000000
## 770      TTN TCGA-A2-A0YT-01  1.0000000
## 771    MUC16 TCGA-A2-A1FV-01  0.0000000
## 772     MLL3 TCGA-A2-A1FV-01  0.0000000
## 773    MAP3K1 TCGA-A2-A1FV-01  0.0000000
## 774     TP53 TCGA-A2-A1FV-01  0.0000000
## 775  CROCCP2 TCGA-A2-A1FV-01  0.0000000
## 776     MUC4 TCGA-A2-A1FV-01  0.0000000
## 777     CDH1 TCGA-A2-A1FV-01  1.0000000
## 778   PIK3CA TCGA-A2-A1FV-01  0.0000000
## 779    GATA3 TCGA-A2-A1FV-01  0.0000000
## 780      TTN TCGA-A2-A1FV-01  0.0000000
## 781    MUC16 TCGA-A2-A1FW-01  0.0000000
## 782     MLL3 TCGA-A2-A1FW-01  0.0000000
## 783    MAP3K1 TCGA-A2-A1FW-01  0.0000000
## 784     TP53 TCGA-A2-A1FW-01  0.0000000
## 785  CROCCP2 TCGA-A2-A1FW-01  0.0000000
## 786     MUC4 TCGA-A2-A1FW-01  0.0000000
## 787     CDH1 TCGA-A2-A1FW-01  0.0000000
## 788   PIK3CA TCGA-A2-A1FW-01  0.0000000
## 789    GATA3 TCGA-A2-A1FW-01  0.0000000
## 790      TTN TCGA-A2-A1FW-01  1.0000000
## 791    MUC16 TCGA-A2-A1FX-01  0.0000000
## 792     MLL3 TCGA-A2-A1FX-01  0.0000000
## 793    MAP3K1 TCGA-A2-A1FX-01  0.0000000
## 794     TP53 TCGA-A2-A1FX-01  0.0000000
## 795  CROCCP2 TCGA-A2-A1FX-01  0.0000000
## 796     MUC4 TCGA-A2-A1FX-01  0.0000000
## 797     CDH1 TCGA-A2-A1FX-01  0.0000000
## 798   PIK3CA TCGA-A2-A1FX-01  0.0000000
## 799    GATA3 TCGA-A2-A1FX-01  0.0000000
## 800      TTN TCGA-A2-A1FX-01  0.0000000
## 801    MUC16 TCGA-A2-A1FZ-01  0.0000000
## 802     MLL3 TCGA-A2-A1FZ-01  0.0000000
## 803    MAP3K1 TCGA-A2-A1FZ-01  0.0000000
## 804     TP53 TCGA-A2-A1FZ-01  0.0000000
## 805  CROCCP2 TCGA-A2-A1FZ-01  0.0000000
## 806     MUC4 TCGA-A2-A1FZ-01  0.0000000
## 807     CDH1 TCGA-A2-A1FZ-01  0.0000000
## 808   PIK3CA TCGA-A2-A1FZ-01  1.0000000
## 809    GATA3 TCGA-A2-A1FZ-01  0.0000000
## 810      TTN TCGA-A2-A1FZ-01  0.0000000
## 811    MUC16 TCGA-A2-A1G0-01  0.0000000
```

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## 812     MLL3 TCGA-A2-A1G0-01  0.0000000
## 813   MAP3K1 TCGA-A2-A1G0-01  0.0000000
## 814     TP53 TCGA-A2-A1G0-01  0.0000000
## 815  CROCCP2 TCGA-A2-A1G0-01  0.0000000
## 816     MUC4 TCGA-A2-A1G0-01  0.0000000
## 817     CDH1 TCGA-A2-A1G0-01  1.0000000
## 818    PIK3CA TCGA-A2-A1G0-01  1.0000000
## 819    GATA3 TCGA-A2-A1G0-01  0.0000000
## 820      TTN TCGA-A2-A1G0-01  0.0000000
## 821    MUC16 TCGA-A2-A1G4-01  0.0000000
## 822     MLL3 TCGA-A2-A1G4-01  0.0000000
## 823   MAP3K1 TCGA-A2-A1G4-01  0.0000000
## 824     TP53 TCGA-A2-A1G4-01  0.0000000
## 825  CROCCP2 TCGA-A2-A1G4-01  0.0000000
## 826     MUC4 TCGA-A2-A1G4-01  0.0000000
## 827     CDH1 TCGA-A2-A1G4-01  0.0000000
## 828    PIK3CA TCGA-A2-A1G4-01  0.0000000
## 829    GATA3 TCGA-A2-A1G4-01  0.0000000
## 830      TTN TCGA-A2-A1G4-01  0.0000000
## 831    MUC16 TCGA-A2-A1G6-01  0.0000000
## 832     MLL3 TCGA-A2-A1G6-01  0.0000000
## 833   MAP3K1 TCGA-A2-A1G6-01  0.0000000
## 834     TP53 TCGA-A2-A1G6-01  0.0000000
## 835  CROCCP2 TCGA-A2-A1G6-01  0.0000000
## 836     MUC4 TCGA-A2-A1G6-01  0.0000000
## 837     CDH1 TCGA-A2-A1G6-01  0.0000000
## 838    PIK3CA TCGA-A2-A1G6-01  0.0000000
## 839    GATA3 TCGA-A2-A1G6-01  0.0000000
## 840      TTN TCGA-A2-A1G6-01  0.0000000
## 841    MUC16 TCGA-A2-A259-01  0.0000000
## 842     MLL3 TCGA-A2-A259-01  1.0000000
## 843   MAP3K1 TCGA-A2-A259-01  1.0000000
## 844     TP53 TCGA-A2-A259-01  0.0000000
## 845  CROCCP2 TCGA-A2-A259-01  0.0000000
## 846     MUC4 TCGA-A2-A259-01  0.0000000
## 847     CDH1 TCGA-A2-A259-01  0.0000000
## 848    PIK3CA TCGA-A2-A259-01  0.0000000
## 849    GATA3 TCGA-A2-A259-01  0.0000000
## 850      TTN TCGA-A2-A259-01  0.0000000
## 851    MUC16 TCGA-A2-A25A-01  0.0000000
## 852     MLL3 TCGA-A2-A25A-01  0.0000000
## 853   MAP3K1 TCGA-A2-A25A-01  0.0000000
## 854     TP53 TCGA-A2-A25A-01  0.0000000
## 855  CROCCP2 TCGA-A2-A25A-01  0.0000000
## 856     MUC4 TCGA-A2-A25A-01  0.0000000
## 857     CDH1 TCGA-A2-A25A-01  1.0000000
## 858    PIK3CA TCGA-A2-A25A-01  1.0000000
## 859    GATA3 TCGA-A2-A25A-01  0.0000000
## 860      TTN TCGA-A2-A25A-01  0.0000000
## 861    MUC16 TCGA-A2-A25B-01  0.0000000
## 862     MLL3 TCGA-A2-A25B-01  0.0000000
## 863   MAP3K1 TCGA-A2-A25B-01  0.0000000
## 864     TP53 TCGA-A2-A25B-01  0.0000000
## 865  CROCCP2 TCGA-A2-A25B-01  0.0000000
```

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## 866     MUC4 TCGA-A2-A25B-01  0.0000000
## 867     CDH1 TCGA-A2-A25B-01  0.0000000
## 868   PIK3CA TCGA-A2-A25B-01  0.0000000
## 869    GATA3 TCGA-A2-A25B-01  1.0000000
## 870      TTN TCGA-A2-A25B-01  1.0000000
## 871    MUC16 TCGA-A2-A25C-01  0.0000000
## 872     MLL3 TCGA-A2-A25C-01  0.0000000
## 873    MAP3K1 TCGA-A2-A25C-01  0.0000000
## 874     TP53 TCGA-A2-A25C-01  0.0000000
## 875  CROCCP2 TCGA-A2-A25C-01  0.0000000
## 876     MUC4 TCGA-A2-A25C-01  0.0000000
## 877     CDH1 TCGA-A2-A25C-01  0.0000000
## 878   PIK3CA TCGA-A2-A25C-01  1.0000000
## 879    GATA3 TCGA-A2-A25C-01  0.0000000
## 880      TTN TCGA-A2-A25C-01  1.0000000
## 881    MUC16 TCGA-A2-A25E-01  0.0000000
## 882     MLL3 TCGA-A2-A25E-01  0.0000000
## 883    MAP3K1 TCGA-A2-A25E-01  0.0000000
## 884     TP53 TCGA-A2-A25E-01  0.0000000
## 885  CROCCP2 TCGA-A2-A25E-01  0.0000000
## 886     MUC4 TCGA-A2-A25E-01  0.0000000
## 887     CDH1 TCGA-A2-A25E-01  0.0000000
## 888   PIK3CA TCGA-A2-A25E-01  0.0000000
## 889    GATA3 TCGA-A2-A25E-01  0.0000000
## 890      TTN TCGA-A2-A25E-01  0.0000000
## 891    MUC16 TCGA-A2-A25F-01  0.0000000
## 892     MLL3 TCGA-A2-A25F-01  0.0000000
## 893    MAP3K1 TCGA-A2-A25F-01  0.0000000
## 894     TP53 TCGA-A2-A25F-01  0.0000000
## 895  CROCCP2 TCGA-A2-A25F-01  1.0000000
## 896     MUC4 TCGA-A2-A25F-01  0.0000000
## 897     CDH1 TCGA-A2-A25F-01  0.0000000
## 898   PIK3CA TCGA-A2-A25F-01  0.0000000
## 899    GATA3 TCGA-A2-A25F-01  0.0000000
## 900      TTN TCGA-A2-A25F-01  0.0000000
## 901    MUC16 TCGA-A2-A3KC-01  0.0000000
## 902     MLL3 TCGA-A2-A3KC-01  1.0000000
## 903    MAP3K1 TCGA-A2-A3KC-01  0.0000000
## 904     TP53 TCGA-A2-A3KC-01  0.0000000
## 905  CROCCP2 TCGA-A2-A3KC-01  0.0000000
## 906     MUC4 TCGA-A2-A3KC-01  0.0000000
## 907     CDH1 TCGA-A2-A3KC-01  1.0000000
## 908   PIK3CA TCGA-A2-A3KC-01  1.0000000
## 909    GATA3 TCGA-A2-A3KC-01  0.0000000
## 910      TTN TCGA-A2-A3KC-01  0.0000000
## 911    MUC16 TCGA-A2-A3KD-01  0.0000000
## 912     MLL3 TCGA-A2-A3KD-01  0.0000000
## 913    MAP3K1 TCGA-A2-A3KD-01  0.0000000
## 914     TP53 TCGA-A2-A3KD-01  0.0000000
## 915  CROCCP2 TCGA-A2-A3KD-01  0.0000000
## 916     MUC4 TCGA-A2-A3KD-01  0.0000000
## 917     CDH1 TCGA-A2-A3KD-01  0.0000000
## 918   PIK3CA TCGA-A2-A3KD-01  0.0000000
## 919    GATA3 TCGA-A2-A3KD-01  0.0000000
```

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## 920      TTN TCGA-A2-A3KD-01  0.0000000
## 921    MUC16 TCGA-A2-A3XS-01  0.0000000
## 922     MLL3 TCGA-A2-A3XS-01  0.0000000
## 923    MAP3K1 TCGA-A2-A3XS-01  0.0000000
## 924     TP53 TCGA-A2-A3XS-01  1.0000000
## 925   CROCCP2 TCGA-A2-A3XS-01  0.0000000
## 926     MUC4 TCGA-A2-A3XS-01  0.0000000
## 927     CDH1 TCGA-A2-A3XS-01  0.0000000
## 928    PIK3CA TCGA-A2-A3XS-01  0.0000000
## 929    GATA3 TCGA-A2-A3XS-01  0.0000000
## 930      TTN TCGA-A2-A3XS-01  0.0000000
## 931    MUC16 TCGA-A2-A3XT-01  0.0000000
## 932     MLL3 TCGA-A2-A3XT-01  0.0000000
## 933    MAP3K1 TCGA-A2-A3XT-01  0.0000000
## 934     TP53 TCGA-A2-A3XT-01  1.0000000
## 935   CROCCP2 TCGA-A2-A3XT-01  0.0000000
## 936     MUC4 TCGA-A2-A3XT-01  0.0000000
## 937     CDH1 TCGA-A2-A3XT-01  0.0000000
## 938    PIK3CA TCGA-A2-A3XT-01  0.0000000
## 939    GATA3 TCGA-A2-A3XT-01  0.0000000
## 940      TTN TCGA-A2-A3XT-01  1.0000000
## 941    MUC16 TCGA-A2-A3XU-01  0.0000000
## 942     MLL3 TCGA-A2-A3XU-01  0.0000000
## 943    MAP3K1 TCGA-A2-A3XU-01  0.0000000
## 944     TP53 TCGA-A2-A3XU-01  0.0000000
## 945   CROCCP2 TCGA-A2-A3XU-01  0.0000000
## 946     MUC4 TCGA-A2-A3XU-01  0.0000000
## 947     CDH1 TCGA-A2-A3XU-01  0.0000000
## 948    PIK3CA TCGA-A2-A3XU-01  0.0000000
## 949    GATA3 TCGA-A2-A3XU-01  0.0000000
## 950      TTN TCGA-A2-A3XU-01  0.0000000
## 951    MUC16 TCGA-A2-A3XV-01  0.0000000
## 952     MLL3 TCGA-A2-A3XV-01  0.0000000
## 953    MAP3K1 TCGA-A2-A3XV-01  0.0000000
## 954     TP53 TCGA-A2-A3XV-01  1.0000000
## 955   CROCCP2 TCGA-A2-A3XV-01  0.0000000
## 956     MUC4 TCGA-A2-A3XV-01  1.0000000
## 957     CDH1 TCGA-A2-A3XV-01  0.0000000
## 958    PIK3CA TCGA-A2-A3XV-01  0.0000000
## 959    GATA3 TCGA-A2-A3XV-01  0.0000000
## 960      TTN TCGA-A2-A3XV-01  0.0000000
## 961    MUC16 TCGA-A2-A3XW-01  0.0000000
## 962     MLL3 TCGA-A2-A3XW-01  0.0000000
## 963    MAP3K1 TCGA-A2-A3XW-01  0.0000000
## 964     TP53 TCGA-A2-A3XW-01  0.0000000
## 965   CROCCP2 TCGA-A2-A3XW-01  1.0000000
## 966     MUC4 TCGA-A2-A3XW-01  0.0000000
## 967     CDH1 TCGA-A2-A3XW-01  0.0000000
## 968    PIK3CA TCGA-A2-A3XW-01  0.0000000
## 969    GATA3 TCGA-A2-A3XW-01  0.0000000
## 970      TTN TCGA-A2-A3XW-01  0.0000000
## 971    MUC16 TCGA-A2-A3XX-01  1.0000000
## 972     MLL3 TCGA-A2-A3XX-01  0.0000000
## 973    MAP3K1 TCGA-A2-A3XX-01  0.0000000
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## 974      TP53 TCGA-A2-A3XX-01  1.0000000
## 975   CROCCP2 TCGA-A2-A3XX-01  0.0000000
## 976      MUC4 TCGA-A2-A3XX-01  0.0000000
## 977      CDH1 TCGA-A2-A3XX-01  0.0000000
## 978    PIK3CA TCGA-A2-A3XX-01  0.0000000
## 979     GATA3 TCGA-A2-A3XX-01  0.0000000
## 980       TTN TCGA-A2-A3XX-01  0.0000000
## 981     MUC16 TCGA-A2-A3XY-01  0.0000000
## 982      MLL3 TCGA-A2-A3XY-01  0.0000000
## 983     MAP3K1 TCGA-A2-A3XY-01 0.0000000
## 984      TP53 TCGA-A2-A3XY-01  1.0000000
## 985   CROCCP2 TCGA-A2-A3XY-01  0.0000000
## 986      MUC4 TCGA-A2-A3XY-01  0.0000000
## 987      CDH1 TCGA-A2-A3XY-01  0.0000000
## 988    PIK3CA TCGA-A2-A3XY-01  0.0000000
## 989     GATA3 TCGA-A2-A3XY-01  0.0000000
## 990       TTN TCGA-A2-A3XY-01  0.0000000
## 991     MUC16 TCGA-A2-A3XZ-01  0.0000000
## 992      MLL3 TCGA-A2-A3XZ-01  0.0000000
## 993     MAP3K1 TCGA-A2-A3XZ-01 0.0000000
## 994      TP53 TCGA-A2-A3XZ-01  0.0000000
## 995   CROCCP2 TCGA-A2-A3XZ-01  0.0000000
## 996      MUC4 TCGA-A2-A3XZ-01  0.0000000
## 997      CDH1 TCGA-A2-A3XZ-01  0.0000000
## 998    PIK3CA TCGA-A2-A3XZ-01  0.0000000
## 999     GATA3 TCGA-A2-A3XZ-01  0.0000000
## 1000      TTN TCGA-A2-A3XZ-01  0.0000000
## 1001    MUC16 TCGA-A2-A3Y0-01  0.0000000
## 1002     MLL3 TCGA-A2-A3Y0-01  0.0000000
## 1003   MAP3K1 TCGA-A2-A3Y0-01  1.0000000
## 1004     TP53 TCGA-A2-A3Y0-01  1.0000000
## 1005  CROCCP2 TCGA-A2-A3Y0-01  0.0000000
## 1006     MUC4 TCGA-A2-A3Y0-01  0.0000000
## 1007     CDH1 TCGA-A2-A3Y0-01  0.0000000
## 1008   PIK3CA TCGA-A2-A3Y0-01  0.0000000
## 1009    GATA3 TCGA-A2-A3Y0-01  0.0000000
## 1010      TTN TCGA-A2-A3Y0-01  1.0000000
## 1011    MUC16 TCGA-A2-A4RW-01  0.0000000
## 1012     MLL3 TCGA-A2-A4RW-01  0.0000000
## 1013   MAP3K1 TCGA-A2-A4RW-01  0.0000000
## 1014     TP53 TCGA-A2-A4RW-01  0.0000000
## 1015  CROCCP2 TCGA-A2-A4RW-01  0.0000000
## 1016     MUC4 TCGA-A2-A4RW-01  1.0000000
## 1017     CDH1 TCGA-A2-A4RW-01  0.0000000
## 1018   PIK3CA TCGA-A2-A4RW-01  0.0000000
## 1019    GATA3 TCGA-A2-A4RW-01  0.0000000
## 1020      TTN TCGA-A2-A4RW-01  0.0000000
## 1021    MUC16 TCGA-A2-A4RX-01  0.0000000
## 1022     MLL3 TCGA-A2-A4RX-01  0.0000000
## 1023   MAP3K1 TCGA-A2-A4RX-01  0.0000000
## 1024     TP53 TCGA-A2-A4RX-01  0.0000000
## 1025  CROCCP2 TCGA-A2-A4RX-01  0.0000000
## 1026     MUC4 TCGA-A2-A4RX-01  0.0000000
## 1027     CDH1 TCGA-A2-A4RX-01  0.0000000
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## 1028  PIK3CA TCGA-A2-A4RX-01  0.0000000
## 1029   GATA3 TCGA-A2-A4RX-01  0.0000000
## 1030     TTN TCGA-A2-A4RX-01  0.0000000
## 1031   MUC16 TCGA-A2-A4RY-01  0.0000000
## 1032    MLL3 TCGA-A2-A4RY-01  0.0000000
## 1033  MAP3K1 TCGA-A2-A4RY-01  0.0000000
## 1034    TP53 TCGA-A2-A4RY-01  0.0000000
## 1035 CROCCP2 TCGA-A2-A4RY-01  0.0000000
## 1036    MUC4 TCGA-A2-A4RY-01  0.0000000
## 1037    CDH1 TCGA-A2-A4RY-01  0.0000000
## 1038  PIK3CA TCGA-A2-A4RY-01  1.0000000
## 1039   GATA3 TCGA-A2-A4RY-01  0.0000000
## 1040     TTN TCGA-A2-A4RY-01  0.0000000
## 1041   MUC16 TCGA-A2-A4S0-01  0.0000000
## 1042    MLL3 TCGA-A2-A4S0-01  0.0000000
## 1043  MAP3K1 TCGA-A2-A4S0-01  0.0000000
## 1044    TP53 TCGA-A2-A4S0-01  0.0000000
## 1045 CROCCP2 TCGA-A2-A4S0-01  0.0000000
## 1046    MUC4 TCGA-A2-A4S0-01  0.0000000
## 1047    CDH1 TCGA-A2-A4S0-01  0.0000000
## 1048  PIK3CA TCGA-A2-A4S0-01  0.0000000
## 1049   GATA3 TCGA-A2-A4S0-01  0.0000000
## 1050     TTN TCGA-A2-A4S0-01  0.0000000
## 1051   MUC16 TCGA-A2-A4S1-01  0.0000000
## 1052    MLL3 TCGA-A2-A4S1-01  0.0000000
## 1053  MAP3K1 TCGA-A2-A4S1-01  0.0000000
## 1054    TP53 TCGA-A2-A4S1-01  1.0000000
## 1055 CROCCP2 TCGA-A2-A4S1-01  0.0000000
## 1056    MUC4 TCGA-A2-A4S1-01  0.0000000
## 1057    CDH1 TCGA-A2-A4S1-01  0.0000000
## 1058  PIK3CA TCGA-A2-A4S1-01  0.0000000
## 1059   GATA3 TCGA-A2-A4S1-01  0.0000000
## 1060     TTN TCGA-A2-A4S1-01  0.0000000
## 1061   MUC16 TCGA-A2-A4S2-01  0.0000000
## 1062    MLL3 TCGA-A2-A4S2-01  0.0000000
## 1063  MAP3K1 TCGA-A2-A4S2-01  0.0000000
## 1064    TP53 TCGA-A2-A4S2-01  0.0000000
## 1065 CROCCP2 TCGA-A2-A4S2-01  0.0000000
## 1066    MUC4 TCGA-A2-A4S2-01  0.0000000
## 1067    CDH1 TCGA-A2-A4S2-01  1.0000000
## 1068  PIK3CA TCGA-A2-A4S2-01  1.0000000
## 1069   GATA3 TCGA-A2-A4S2-01  0.0000000
## 1070     TTN TCGA-A2-A4S2-01  0.0000000
## 1071   MUC16 TCGA-A2-A4S3-01  0.0000000
## 1072    MLL3 TCGA-A2-A4S3-01  0.0000000
## 1073  MAP3K1 TCGA-A2-A4S3-01  0.0000000
## 1074    TP53 TCGA-A2-A4S3-01  1.0000000
## 1075 CROCCP2 TCGA-A2-A4S3-01  0.0000000
## 1076    MUC4 TCGA-A2-A4S3-01  1.0000000
## 1077    CDH1 TCGA-A2-A4S3-01  0.0000000
## 1078  PIK3CA TCGA-A2-A4S3-01  0.0000000
## 1079   GATA3 TCGA-A2-A4S3-01  0.0000000
## 1080     TTN TCGA-A2-A4S3-01  0.0000000
## 1081   MUC16 TCGA-A7-A0CD-01  0.0000000
```

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## 1082    MLL3 TCGA-A7-A0CD-01  0.0000000
## 1083  MAP3K1 TCGA-A7-A0CD-01  0.0000000
## 1084    TP53 TCGA-A7-A0CD-01  0.0000000
## 1085 CROCCP2 TCGA-A7-A0CD-01  0.0000000
## 1086    MUC4 TCGA-A7-A0CD-01  0.0000000
## 1087    CDH1 TCGA-A7-A0CD-01  0.0000000
## 1088   PIK3CA TCGA-A7-A0CD-01  0.0000000
## 1089   GATA3 TCGA-A7-A0CD-01  0.0000000
## 1090     TTN TCGA-A7-A0CD-01  0.0000000
## 1091   MUC16 TCGA-A7-A0CE-01  0.0000000
## 1092    MLL3 TCGA-A7-A0CE-01  0.0000000
## 1093  MAP3K1 TCGA-A7-A0CE-01  0.0000000
## 1094    TP53 TCGA-A7-A0CE-01  1.0000000
## 1095 CROCCP2 TCGA-A7-A0CE-01  0.0000000
## 1096    MUC4 TCGA-A7-A0CE-01  0.0000000
## 1097    CDH1 TCGA-A7-A0CE-01  0.0000000
## 1098   PIK3CA TCGA-A7-A0CE-01  0.0000000
## 1099   GATA3 TCGA-A7-A0CE-01  0.0000000
## 1100     TTN TCGA-A7-A0CE-01  1.0000000
## 1101   MUC16 TCGA-A7-A0CG-01  0.0000000
## 1102    MLL3 TCGA-A7-A0CG-01  0.0000000
## 1103  MAP3K1 TCGA-A7-A0CG-01  0.0000000
## 1104    TP53 TCGA-A7-A0CG-01  0.0000000
## 1105 CROCCP2 TCGA-A7-A0CG-01  0.0000000
## 1106    MUC4 TCGA-A7-A0CG-01  0.0000000
## 1107    CDH1 TCGA-A7-A0CG-01  0.0000000
## 1108   PIK3CA TCGA-A7-A0CG-01  1.0000000
## 1109   GATA3 TCGA-A7-A0CG-01  0.0000000
## 1110     TTN TCGA-A7-A0CG-01  0.0000000
## 1111   MUC16 TCGA-A7-A0CH-01  0.0000000
## 1112    MLL3 TCGA-A7-A0CH-01  0.0000000
## 1113  MAP3K1 TCGA-A7-A0CH-01  0.0000000
## 1114    TP53 TCGA-A7-A0CH-01  0.0000000
## 1115 CROCCP2 TCGA-A7-A0CH-01  0.0000000
## 1116    MUC4 TCGA-A7-A0CH-01  0.0000000
## 1117    CDH1 TCGA-A7-A0CH-01  0.0000000
## 1118   PIK3CA TCGA-A7-A0CH-01  1.0000000
## 1119   GATA3 TCGA-A7-A0CH-01  0.0000000
## 1120     TTN TCGA-A7-A0CH-01  0.0000000
## 1121   MUC16 TCGA-A7-A0CJ-01  1.0000000
## 1122    MLL3 TCGA-A7-A0CJ-01  0.0000000
## 1123  MAP3K1 TCGA-A7-A0CJ-01  0.0000000
## 1124    TP53 TCGA-A7-A0CJ-01  1.0000000
## 1125 CROCCP2 TCGA-A7-A0CJ-01  0.0000000
## 1126    MUC4 TCGA-A7-A0CJ-01  0.0000000
## 1127    CDH1 TCGA-A7-A0CJ-01  0.0000000
## 1128   PIK3CA TCGA-A7-A0CJ-01  1.0000000
## 1129   GATA3 TCGA-A7-A0CJ-01  0.0000000
## 1130     TTN TCGA-A7-A0CJ-01  1.0000000
## 1131   MUC16 TCGA-A7-A0D9-01  0.0000000
## 1132    MLL3 TCGA-A7-A0D9-01  0.0000000
## 1133  MAP3K1 TCGA-A7-A0D9-01  0.0000000
## 1134    TP53 TCGA-A7-A0D9-01  0.0000000
## 1135 CROCCP2 TCGA-A7-A0D9-01  1.0000000
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## 1136    MUC4 TCGA-A7-A0D9-01  0.0000000
## 1137    CDH1 TCGA-A7-A0D9-01  0.0000000
## 1138  PIK3CA TCGA-A7-A0D9-01  1.0000000
## 1139   GATA3 TCGA-A7-A0D9-01  0.0000000
## 1140     TTN TCGA-A7-A0D9-01  0.0000000
## 1141   MUC16 TCGA-A7-A0DA-01  0.0000000
## 1142    MLL3 TCGA-A7-A0DA-01  0.0000000
## 1143  MAP3K1 TCGA-A7-A0DA-01  0.0000000
## 1144    TP53 TCGA-A7-A0DA-01  1.0000000
## 1145 CROCCP2 TCGA-A7-A0DA-01  0.0000000
## 1146    MUC4 TCGA-A7-A0DA-01  0.0000000
## 1147    CDH1 TCGA-A7-A0DA-01  0.0000000
## 1148  PIK3CA TCGA-A7-A0DA-01  0.0000000
## 1149   GATA3 TCGA-A7-A0DA-01  0.0000000
## 1150     TTN TCGA-A7-A0DA-01  0.0000000
## 1151   MUC16 TCGA-A7-A0DB-01  0.0000000
## 1152    MLL3 TCGA-A7-A0DB-01  0.0000000
## 1153  MAP3K1 TCGA-A7-A0DB-01  1.0000000
## 1154    TP53 TCGA-A7-A0DB-01  0.0000000
## 1155 CROCCP2 TCGA-A7-A0DB-01  0.0000000
## 1156    MUC4 TCGA-A7-A0DB-01  0.0000000
## 1157    CDH1 TCGA-A7-A0DB-01  0.0000000
## 1158  PIK3CA TCGA-A7-A0DB-01  1.0000000
## 1159   GATA3 TCGA-A7-A0DB-01  0.0000000
## 1160     TTN TCGA-A7-A0DB-01  0.0000000
## 1161   MUC16 TCGA-A7-A0DC-01  0.0000000
## 1162    MLL3 TCGA-A7-A0DC-01  0.0000000
## 1163  MAP3K1 TCGA-A7-A0DC-01  0.0000000
## 1164    TP53 TCGA-A7-A0DC-01  0.0000000
## 1165 CROCCP2 TCGA-A7-A0DC-01  0.0000000
## 1166    MUC4 TCGA-A7-A0DC-01  0.0000000
## 1167    CDH1 TCGA-A7-A0DC-01  0.0000000
## 1168  PIK3CA TCGA-A7-A0DC-01  0.0000000
## 1169   GATA3 TCGA-A7-A0DC-01  0.0000000
## 1170     TTN TCGA-A7-A0DC-01  0.0000000
## 1171   MUC16 TCGA-A7-A13D-01  0.0000000
## 1172    MLL3 TCGA-A7-A13D-01  0.0000000
## 1173  MAP3K1 TCGA-A7-A13D-01  0.0000000
## 1174    TP53 TCGA-A7-A13D-01  1.0000000
## 1175 CROCCP2 TCGA-A7-A13D-01  0.0000000
## 1176    MUC4 TCGA-A7-A13D-01  0.0000000
## 1177    CDH1 TCGA-A7-A13D-01  0.0000000
## 1178  PIK3CA TCGA-A7-A13D-01  0.0000000
## 1179   GATA3 TCGA-A7-A13D-01  0.0000000
## 1180     TTN TCGA-A7-A13D-01  0.0000000
## 1181   MUC16 TCGA-A7-A13E-01  0.0000000
## 1182    MLL3 TCGA-A7-A13E-01  0.0000000
## 1183  MAP3K1 TCGA-A7-A13E-01  0.0000000
## 1184    TP53 TCGA-A7-A13E-01  1.0000000
## 1185 CROCCP2 TCGA-A7-A13E-01  0.0000000
## 1186    MUC4 TCGA-A7-A13E-01  0.0000000
## 1187    CDH1 TCGA-A7-A13E-01  0.0000000
## 1188  PIK3CA TCGA-A7-A13E-01  0.0000000
## 1189   GATA3 TCGA-A7-A13E-01  0.0000000
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## 1190     TTN TCGA-A7-A13E-01  0.0000000
## 1191   MUC16 TCGA-A7-A13F-01  0.0000000
## 1192    MLL3 TCGA-A7-A13F-01  0.0000000
## 1193  MAP3K1 TCGA-A7-A13F-01  0.0000000
## 1194    TP53 TCGA-A7-A13F-01  0.0000000
## 1195 CROCCP2 TCGA-A7-A13F-01  1.0000000
## 1196    MUC4 TCGA-A7-A13F-01  0.0000000
## 1197    CDH1 TCGA-A7-A13F-01  0.0000000
## 1198  PIK3CA TCGA-A7-A13F-01  0.0000000
## 1199   GATA3 TCGA-A7-A13F-01  0.0000000
## 1200     TTN TCGA-A7-A13F-01  0.0000000
## 1201   MUC16 TCGA-A7-A13G-01  0.0000000
## 1202    MLL3 TCGA-A7-A13G-01  0.0000000
## 1203  MAP3K1 TCGA-A7-A13G-01  0.0000000
## 1204    TP53 TCGA-A7-A13G-01  0.0000000
## 1205 CROCCP2 TCGA-A7-A13G-01  0.0000000
## 1206    MUC4 TCGA-A7-A13G-01  0.0000000
## 1207    CDH1 TCGA-A7-A13G-01  0.0000000
## 1208  PIK3CA TCGA-A7-A13G-01  0.0000000
## 1209   GATA3 TCGA-A7-A13G-01  0.0000000
## 1210     TTN TCGA-A7-A13G-01  0.0000000
## 1211   MUC16 TCGA-A7-A13H-01  0.0000000
## 1212    MLL3 TCGA-A7-A13H-01  0.0000000
## 1213  MAP3K1 TCGA-A7-A13H-01  0.0000000
## 1214    TP53 TCGA-A7-A13H-01  0.0000000
## 1215 CROCCP2 TCGA-A7-A13H-01  0.0000000
## 1216    MUC4 TCGA-A7-A13H-01  1.0000000
## 1217    CDH1 TCGA-A7-A13H-01  1.0000000
## 1218  PIK3CA TCGA-A7-A13H-01  0.0000000
## 1219   GATA3 TCGA-A7-A13H-01  0.0000000
## 1220     TTN TCGA-A7-A13H-01  0.0000000
## 1221   MUC16 TCGA-A7-A26E-01  0.0000000
## 1222    MLL3 TCGA-A7-A26E-01  0.0000000
## 1223  MAP3K1 TCGA-A7-A26E-01  0.0000000
## 1224    TP53 TCGA-A7-A26E-01  0.0000000
## 1225 CROCCP2 TCGA-A7-A26E-01  0.0000000
## 1226    MUC4 TCGA-A7-A26E-01  0.0000000
## 1227    CDH1 TCGA-A7-A26E-01  0.0000000
## 1228  PIK3CA TCGA-A7-A26E-01  1.0000000
## 1229   GATA3 TCGA-A7-A26E-01  0.0000000
## 1230     TTN TCGA-A7-A26E-01  0.3333333
## 1231   MUC16 TCGA-A7-A26F-01  0.0000000
## 1232    MLL3 TCGA-A7-A26F-01  0.0000000
## 1233  MAP3K1 TCGA-A7-A26F-01  0.0000000
## 1234    TP53 TCGA-A7-A26F-01  1.0000000
## 1235 CROCCP2 TCGA-A7-A26F-01  0.0000000
## 1236    MUC4 TCGA-A7-A26F-01  0.0000000
## 1237    CDH1 TCGA-A7-A26F-01  0.0000000
## 1238  PIK3CA TCGA-A7-A26F-01  0.0000000
## 1239   GATA3 TCGA-A7-A26F-01  0.0000000
## 1240     TTN TCGA-A7-A26F-01  0.0000000
## 1241   MUC16 TCGA-A7-A26G-01  0.0000000
## 1242    MLL3 TCGA-A7-A26G-01  0.0000000
## 1243  MAP3K1 TCGA-A7-A26G-01  0.0000000
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## 1244     TP53 TCGA-A7-A26G-01   1.0000000
## 1245 CROCCP2 TCGA-A7-A26G-01   1.0000000
## 1246    MUC4 TCGA-A7-A26G-01   0.0000000
## 1247    CDH1 TCGA-A7-A26G-01   0.0000000
## 1248  PIK3CA TCGA-A7-A26G-01   0.0000000
## 1249   GATA3 TCGA-A7-A26G-01   0.0000000
## 1250     TTN TCGA-A7-A26G-01   0.0000000
## 1251   MUC16 TCGA-A7-A26H-01   0.0000000
## 1252    MLL3 TCGA-A7-A26H-01   0.0000000
## 1253  MAP3K1 TCGA-A7-A26H-01   0.0000000
## 1254    TP53 TCGA-A7-A26H-01   0.0000000
## 1255 CROCCP2 TCGA-A7-A26H-01   0.0000000
## 1256    MUC4 TCGA-A7-A26H-01   0.0000000
## 1257    CDH1 TCGA-A7-A26H-01   0.0000000
## 1258  PIK3CA TCGA-A7-A26H-01   1.0000000
## 1259   GATA3 TCGA-A7-A26H-01   0.0000000
## 1260     TTN TCGA-A7-A26H-01   0.0000000
## 1261   MUC16 TCGA-A7-A26I-01   0.0000000
## 1262    MLL3 TCGA-A7-A26I-01   0.0000000
## 1263  MAP3K1 TCGA-A7-A26I-01   0.0000000
## 1264    TP53 TCGA-A7-A26I-01   1.0000000
## 1265 CROCCP2 TCGA-A7-A26I-01   0.0000000
## 1266    MUC4 TCGA-A7-A26I-01   0.0000000
## 1267    CDH1 TCGA-A7-A26I-01   0.0000000
## 1268  PIK3CA TCGA-A7-A26I-01   0.0000000
## 1269   GATA3 TCGA-A7-A26I-01   0.0000000
## 1270     TTN TCGA-A7-A26I-01   0.5000000
## 1271   MUC16 TCGA-A7-A26J-01   0.0000000
## 1272    MLL3 TCGA-A7-A26J-01   0.0000000
## 1273  MAP3K1 TCGA-A7-A26J-01   0.0000000
## 1274    TP53 TCGA-A7-A26J-01   0.0000000
## 1275 CROCCP2 TCGA-A7-A26J-01   0.0000000
## 1276    MUC4 TCGA-A7-A26J-01   0.0000000
## 1277    CDH1 TCGA-A7-A26J-01   0.0000000
## 1278  PIK3CA TCGA-A7-A26J-01   0.0000000
## 1279   GATA3 TCGA-A7-A26J-01   0.0000000
## 1280     TTN TCGA-A7-A26J-01   0.3333333
## 1281   MUC16 TCGA-A7-A2KD-01   0.0000000
## 1282    MLL3 TCGA-A7-A2KD-01   0.0000000
## 1283  MAP3K1 TCGA-A7-A2KD-01   0.0000000
## 1284    TP53 TCGA-A7-A2KD-01   1.0000000
## 1285 CROCCP2 TCGA-A7-A2KD-01   0.0000000
## 1286    MUC4 TCGA-A7-A2KD-01   0.0000000
## 1287    CDH1 TCGA-A7-A2KD-01   0.0000000
## 1288  PIK3CA TCGA-A7-A2KD-01   0.0000000
## 1289   GATA3 TCGA-A7-A2KD-01   0.0000000
## 1290     TTN TCGA-A7-A2KD-01   0.0000000
## 1291   MUC16 TCGA-A7-A3IY-01   0.0000000
## 1292    MLL3 TCGA-A7-A3IY-01   0.0000000
## 1293  MAP3K1 TCGA-A7-A3IY-01   0.0000000
## 1294    TP53 TCGA-A7-A3IY-01   0.0000000
## 1295 CROCCP2 TCGA-A7-A3IY-01   1.0000000
## 1296    MUC4 TCGA-A7-A3IY-01   0.0000000
## 1297    CDH1 TCGA-A7-A3IY-01   0.0000000
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## 1298  PIK3CA TCGA-A7-A3IY-01  0.0000000
## 1299   GATA3 TCGA-A7-A3IY-01  0.0000000
## 1300     TTN TCGA-A7-A3IY-01  0.0000000
## 1301   MUC16 TCGA-A7-A3IZ-01  0.0000000
## 1302    MLL3 TCGA-A7-A3IZ-01  0.0000000
## 1303  MAP3K1 TCGA-A7-A3IZ-01  0.0000000
## 1304    TP53 TCGA-A7-A3IZ-01  0.0000000
## 1305 CROCCP2 TCGA-A7-A3IZ-01  0.0000000
## 1306    MUC4 TCGA-A7-A3IZ-01  0.0000000
## 1307    CDH1 TCGA-A7-A3IZ-01  1.0000000
## 1308  PIK3CA TCGA-A7-A3IZ-01  0.0000000
## 1309   GATA3 TCGA-A7-A3IZ-01  0.0000000
## 1310     TTN TCGA-A7-A3IZ-01  0.0000000
## 1311   MUC16 TCGA-A7-A3J0-01  0.0000000
## 1312    MLL3 TCGA-A7-A3J0-01  0.0000000
## 1313  MAP3K1 TCGA-A7-A3J0-01  0.0000000
## 1314    TP53 TCGA-A7-A3J0-01  0.0000000
## 1315 CROCCP2 TCGA-A7-A3J0-01  0.0000000
## 1316    MUC4 TCGA-A7-A3J0-01  0.0000000
## 1317    CDH1 TCGA-A7-A3J0-01  0.0000000
## 1318  PIK3CA TCGA-A7-A3J0-01  0.0000000
## 1319   GATA3 TCGA-A7-A3J0-01  0.0000000
## 1320     TTN TCGA-A7-A3J0-01  0.0000000
## 1321   MUC16 TCGA-A7-A3J1-01  0.0000000
## 1322    MLL3 TCGA-A7-A3J1-01  0.0000000
## 1323  MAP3K1 TCGA-A7-A3J1-01  0.0000000
## 1324    TP53 TCGA-A7-A3J1-01  0.0000000
## 1325 CROCCP2 TCGA-A7-A3J1-01  0.0000000
## 1326    MUC4 TCGA-A7-A3J1-01  0.0000000
## 1327    CDH1 TCGA-A7-A3J1-01  1.0000000
## 1328  PIK3CA TCGA-A7-A3J1-01  1.0000000
## 1329   GATA3 TCGA-A7-A3J1-01  0.0000000
## 1330     TTN TCGA-A7-A3J1-01  0.0000000
## 1331   MUC16 TCGA-A7-A3RF-01  0.0000000
## 1332    MLL3 TCGA-A7-A3RF-01  1.0000000
## 1333  MAP3K1 TCGA-A7-A3RF-01  0.0000000
## 1334    TP53 TCGA-A7-A3RF-01  1.0000000
## 1335 CROCCP2 TCGA-A7-A3RF-01  0.0000000
## 1336    MUC4 TCGA-A7-A3RF-01  0.0000000
## 1337    CDH1 TCGA-A7-A3RF-01  0.0000000
## 1338  PIK3CA TCGA-A7-A3RF-01  0.0000000
## 1339   GATA3 TCGA-A7-A3RF-01  0.0000000
## 1340     TTN TCGA-A7-A3RF-01  0.0000000
## 1341   MUC16 TCGA-A7-A425-01  0.0000000
## 1342    MLL3 TCGA-A7-A425-01  0.0000000
## 1343  MAP3K1 TCGA-A7-A425-01  0.0000000
## 1344    TP53 TCGA-A7-A425-01  0.0000000
## 1345 CROCCP2 TCGA-A7-A425-01  0.0000000
## 1346    MUC4 TCGA-A7-A425-01  0.0000000
## 1347    CDH1 TCGA-A7-A425-01  0.0000000
## 1348  PIK3CA TCGA-A7-A425-01  1.0000000
## 1349   GATA3 TCGA-A7-A425-01  0.0000000
## 1350     TTN TCGA-A7-A425-01  1.0000000
## 1351   MUC16 TCGA-A7-A426-01  0.0000000
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## 1352     MLL3 TCGA-A7-A426-01  0.0000000
## 1353  MAP3K1 TCGA-A7-A426-01  0.0000000
## 1354     TP53 TCGA-A7-A426-01  0.0000000
## 1355 CROCCP2 TCGA-A7-A426-01  0.0000000
## 1356     MUC4 TCGA-A7-A426-01  0.0000000
## 1357     CDH1 TCGA-A7-A426-01  1.0000000
## 1358   PIK3CA TCGA-A7-A426-01  0.0000000
## 1359    GATA3 TCGA-A7-A426-01  0.0000000
## 1360      TTN TCGA-A7-A426-01  0.0000000
## 1361    MUC16 TCGA-A7-A4SA-01  0.0000000
## 1362     MLL3 TCGA-A7-A4SA-01  0.0000000
## 1363   MAP3K1 TCGA-A7-A4SA-01  0.0000000
## 1364     TP53 TCGA-A7-A4SA-01  1.0000000
## 1365 CROCCP2 TCGA-A7-A4SA-01  0.0000000
## 1366     MUC4 TCGA-A7-A4SA-01  0.0000000
## 1367     CDH1 TCGA-A7-A4SA-01  0.0000000
## 1368   PIK3CA TCGA-A7-A4SA-01  0.0000000
## 1369    GATA3 TCGA-A7-A4SA-01  0.0000000
## 1370      TTN TCGA-A7-A4SA-01  0.0000000
## 1371    MUC16 TCGA-A7-A4SB-01  0.0000000
## 1372     MLL3 TCGA-A7-A4SB-01  0.0000000
## 1373   MAP3K1 TCGA-A7-A4SB-01  1.0000000
## 1374     TP53 TCGA-A7-A4SB-01  0.0000000
## 1375 CROCCP2 TCGA-A7-A4SB-01  0.0000000
## 1376     MUC4 TCGA-A7-A4SB-01  0.0000000
## 1377     CDH1 TCGA-A7-A4SB-01  1.0000000
## 1378   PIK3CA TCGA-A7-A4SB-01  1.0000000
## 1379    GATA3 TCGA-A7-A4SB-01  0.0000000
## 1380      TTN TCGA-A7-A4SB-01  0.0000000
## 1381    MUC16 TCGA-A7-A4SD-01  0.0000000
## 1382     MLL3 TCGA-A7-A4SD-01  1.0000000
## 1383   MAP3K1 TCGA-A7-A4SD-01  0.0000000
## 1384     TP53 TCGA-A7-A4SD-01  1.0000000
## 1385 CROCCP2 TCGA-A7-A4SD-01  0.0000000
## 1386     MUC4 TCGA-A7-A4SD-01  0.0000000
## 1387     CDH1 TCGA-A7-A4SD-01  0.0000000
## 1388   PIK3CA TCGA-A7-A4SD-01  0.0000000
## 1389    GATA3 TCGA-A7-A4SD-01  0.0000000
## 1390      TTN TCGA-A7-A4SD-01  0.0000000
## 1391    MUC16 TCGA-A7-A4SE-01  0.0000000
## 1392     MLL3 TCGA-A7-A4SE-01  0.0000000
## 1393   MAP3K1 TCGA-A7-A4SE-01  0.0000000
## 1394     TP53 TCGA-A7-A4SE-01  1.0000000
## 1395 CROCCP2 TCGA-A7-A4SE-01  0.0000000
## 1396     MUC4 TCGA-A7-A4SE-01  0.0000000
## 1397     CDH1 TCGA-A7-A4SE-01  0.0000000
## 1398   PIK3CA TCGA-A7-A4SE-01  0.0000000
## 1399    GATA3 TCGA-A7-A4SE-01  0.0000000
## 1400      TTN TCGA-A7-A4SE-01  0.0000000
## 1401    MUC16 TCGA-A7-A4SF-01  0.0000000
## 1402     MLL3 TCGA-A7-A4SF-01  0.0000000
## 1403   MAP3K1 TCGA-A7-A4SF-01  0.0000000
## 1404     TP53 TCGA-A7-A4SF-01  0.0000000
## 1405 CROCCP2 TCGA-A7-A4SF-01  0.0000000
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## 1406     MUC4 TCGA-A7-A4SF-01  0.0000000
## 1407     CDH1 TCGA-A7-A4SF-01  0.0000000
## 1408   PIK3CA TCGA-A7-A4SF-01  1.0000000
## 1409    GATA3 TCGA-A7-A4SF-01  0.0000000
## 1410      TTN TCGA-A7-A4SF-01  0.0000000
## 1411    MUC16 TCGA-A7-A5ZV-01  0.0000000
## 1412     MLL3 TCGA-A7-A5ZV-01  0.0000000
## 1413   MAP3K1 TCGA-A7-A5ZV-01  0.0000000
## 1414     TP53 TCGA-A7-A5ZV-01  1.0000000
## 1415  CROCCP2 TCGA-A7-A5ZV-01  0.0000000
## 1416     MUC4 TCGA-A7-A5ZV-01  0.0000000
## 1417     CDH1 TCGA-A7-A5ZV-01  0.0000000
## 1418   PIK3CA TCGA-A7-A5ZV-01  0.0000000
## 1419    GATA3 TCGA-A7-A5ZV-01  0.0000000
## 1420      TTN TCGA-A7-A5ZV-01  0.0000000
## 1421    MUC16 TCGA-A7-A5ZW-01  0.0000000
## 1422     MLL3 TCGA-A7-A5ZW-01  1.0000000
## 1423   MAP3K1 TCGA-A7-A5ZW-01  1.0000000
## 1424     TP53 TCGA-A7-A5ZW-01  0.0000000
## 1425  CROCCP2 TCGA-A7-A5ZW-01  0.0000000
## 1426     MUC4 TCGA-A7-A5ZW-01  0.0000000
## 1427     CDH1 TCGA-A7-A5ZW-01  0.0000000
## 1428   PIK3CA TCGA-A7-A5ZW-01  1.0000000
## 1429    GATA3 TCGA-A7-A5ZW-01  0.0000000
## 1430      TTN TCGA-A7-A5ZW-01  0.0000000
## 1431    MUC16 TCGA-A7-A5ZX-01  0.0000000
## 1432     MLL3 TCGA-A7-A5ZX-01  0.0000000
## 1433   MAP3K1 TCGA-A7-A5ZX-01  0.0000000
## 1434     TP53 TCGA-A7-A5ZX-01  0.0000000
## 1435  CROCCP2 TCGA-A7-A5ZX-01  0.0000000
## 1436     MUC4 TCGA-A7-A5ZX-01  0.0000000
## 1437     CDH1 TCGA-A7-A5ZX-01  1.0000000
## 1438   PIK3CA TCGA-A7-A5ZX-01  0.0000000
## 1439    GATA3 TCGA-A7-A5ZX-01  0.0000000
## 1440      TTN TCGA-A7-A5ZX-01  0.0000000
## 1441    MUC16 TCGA-A8-A06N-01  0.0000000
## 1442     MLL3 TCGA-A8-A06N-01  0.0000000
## 1443   MAP3K1 TCGA-A8-A06N-01  0.0000000
## 1444     TP53 TCGA-A8-A06N-01  0.0000000
## 1445  CROCCP2 TCGA-A8-A06N-01  0.0000000
## 1446     MUC4 TCGA-A8-A06N-01  0.0000000
## 1447     CDH1 TCGA-A8-A06N-01  0.0000000
## 1448   PIK3CA TCGA-A8-A06N-01  0.0000000
## 1449    GATA3 TCGA-A8-A06N-01  0.0000000
## 1450      TTN TCGA-A8-A06N-01  0.0000000
## 1451    MUC16 TCGA-A8-A06O-01  0.0000000
## 1452     MLL3 TCGA-A8-A06O-01  0.0000000
## 1453   MAP3K1 TCGA-A8-A06O-01  0.0000000
## 1454     TP53 TCGA-A8-A06O-01  1.0000000
## 1455  CROCCP2 TCGA-A8-A06O-01  0.0000000
## 1456     MUC4 TCGA-A8-A06O-01  0.0000000
## 1457     CDH1 TCGA-A8-A06O-01  0.0000000
## 1458   PIK3CA TCGA-A8-A06O-01  0.0000000
## 1459    GATA3 TCGA-A8-A06O-01  0.0000000
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## 1460     TTN TCGA-A8-A06O-01 0.0000000
## 1461   MUC16 TCGA-A8-A06P-01 0.0000000
## 1462    MLL3 TCGA-A8-A06P-01 0.0000000
## 1463  MAP3K1 TCGA-A8-A06P-01 1.0000000
## 1464    TP53 TCGA-A8-A06P-01 0.0000000
## 1465 CROCCP2 TCGA-A8-A06P-01 0.0000000
## 1466    MUC4 TCGA-A8-A06P-01 0.0000000
## 1467    CDH1 TCGA-A8-A06P-01 0.0000000
## 1468  PIK3CA TCGA-A8-A06P-01 1.0000000
## 1469   GATA3 TCGA-A8-A06P-01 0.0000000
## 1470     TTN TCGA-A8-A06P-01 0.0000000
## 1471   MUC16 TCGA-A8-A06Q-01 0.0000000
## 1472    MLL3 TCGA-A8-A06Q-01 0.0000000
## 1473  MAP3K1 TCGA-A8-A06Q-01 0.0000000
## 1474    TP53 TCGA-A8-A06Q-01 1.0000000
## 1475 CROCCP2 TCGA-A8-A06Q-01 0.0000000
## 1476    MUC4 TCGA-A8-A06Q-01 0.0000000
## 1477    CDH1 TCGA-A8-A06Q-01 0.0000000
## 1478  PIK3CA TCGA-A8-A06Q-01 1.0000000
## 1479   GATA3 TCGA-A8-A06Q-01 0.0000000
## 1480     TTN TCGA-A8-A06Q-01 0.0000000
## 1481   MUC16 TCGA-A8-A06R-01 1.0000000
## 1482    MLL3 TCGA-A8-A06R-01 0.0000000
## 1483  MAP3K1 TCGA-A8-A06R-01 0.0000000
## 1484    TP53 TCGA-A8-A06R-01 0.0000000
## 1485 CROCCP2 TCGA-A8-A06R-01 0.0000000
## 1486    MUC4 TCGA-A8-A06R-01 0.0000000
## 1487    CDH1 TCGA-A8-A06R-01 0.0000000
## 1488  PIK3CA TCGA-A8-A06R-01 1.0000000
## 1489   GATA3 TCGA-A8-A06R-01 0.0000000
## 1490     TTN TCGA-A8-A06R-01 0.0000000
## 1491   MUC16 TCGA-A8-A06T-01 0.0000000
## 1492    MLL3 TCGA-A8-A06T-01 0.0000000
## 1493  MAP3K1 TCGA-A8-A06T-01 0.0000000
## 1494    TP53 TCGA-A8-A06T-01 0.0000000
## 1495 CROCCP2 TCGA-A8-A06T-01 0.0000000
## 1496    MUC4 TCGA-A8-A06T-01 0.0000000
## 1497    CDH1 TCGA-A8-A06T-01 0.0000000
## 1498  PIK3CA TCGA-A8-A06T-01 0.0000000
## 1499   GATA3 TCGA-A8-A06T-01 1.0000000
## 1500     TTN TCGA-A8-A06T-01 0.0000000
## 1501   MUC16 TCGA-A8-A06X-01 0.0000000
## 1502    MLL3 TCGA-A8-A06X-01 1.0000000
## 1503  MAP3K1 TCGA-A8-A06X-01 0.0000000
## 1504    TP53 TCGA-A8-A06X-01 0.0000000
## 1505 CROCCP2 TCGA-A8-A06X-01 0.0000000
## 1506    MUC4 TCGA-A8-A06X-01 0.0000000
## 1507    CDH1 TCGA-A8-A06X-01 0.0000000
## 1508  PIK3CA TCGA-A8-A06X-01 0.0000000
## 1509   GATA3 TCGA-A8-A06X-01 1.0000000
## 1510     TTN TCGA-A8-A06X-01 1.0000000
## 1511   MUC16 TCGA-A8-A06Y-01 0.0000000
## 1512    MLL3 TCGA-A8-A06Y-01 0.0000000
## 1513  MAP3K1 TCGA-A8-A06Y-01 0.0000000
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## 1514     TP53 TCGA-A8-A06Y-01  0.0000000
## 1515 CROCCP2 TCGA-A8-A06Y-01  0.0000000
## 1516    MUC4 TCGA-A8-A06Y-01  0.0000000
## 1517    CDH1 TCGA-A8-A06Y-01  0.0000000
## 1518  PIK3CA TCGA-A8-A06Y-01  0.0000000
## 1519   GATA3 TCGA-A8-A06Y-01  1.0000000
## 1520     TTN TCGA-A8-A06Y-01  0.0000000
## 1521   MUC16 TCGA-A8-A075-01  1.0000000
## 1522    MLL3 TCGA-A8-A075-01  0.0000000
## 1523   MAP3K1 TCGA-A8-A075-01  0.0000000
## 1524    TP53 TCGA-A8-A075-01  1.0000000
## 1525 CROCCP2 TCGA-A8-A075-01  0.0000000
## 1526    MUC4 TCGA-A8-A075-01  0.0000000
## 1527    CDH1 TCGA-A8-A075-01  0.0000000
## 1528  PIK3CA TCGA-A8-A075-01  1.0000000
## 1529   GATA3 TCGA-A8-A075-01  0.0000000
## 1530     TTN TCGA-A8-A075-01  0.0000000
## 1531   MUC16 TCGA-A8-A076-01  0.0000000
## 1532    MLL3 TCGA-A8-A076-01  0.0000000
## 1533   MAP3K1 TCGA-A8-A076-01  0.0000000
## 1534    TP53 TCGA-A8-A076-01  0.0000000
## 1535 CROCCP2 TCGA-A8-A076-01  0.0000000
## 1536    MUC4 TCGA-A8-A076-01  0.0000000
## 1537    CDH1 TCGA-A8-A076-01  0.0000000
## 1538  PIK3CA TCGA-A8-A076-01  0.0000000
## 1539   GATA3 TCGA-A8-A076-01  0.0000000
## 1540     TTN TCGA-A8-A076-01  0.0000000
## 1541   MUC16 TCGA-A8-A079-01  0.0000000
## 1542    MLL3 TCGA-A8-A079-01  0.0000000
## 1543   MAP3K1 TCGA-A8-A079-01  0.0000000
## 1544    TP53 TCGA-A8-A079-01  1.0000000
## 1545 CROCCP2 TCGA-A8-A079-01  0.0000000
## 1546    MUC4 TCGA-A8-A079-01  0.0000000
## 1547    CDH1 TCGA-A8-A079-01  0.0000000
## 1548  PIK3CA TCGA-A8-A079-01  0.0000000
## 1549   GATA3 TCGA-A8-A079-01  1.0000000
## 1550     TTN TCGA-A8-A079-01  0.0000000
## 1551   MUC16 TCGA-A8-A07B-01  0.0000000
## 1552    MLL3 TCGA-A8-A07B-01  0.0000000
## 1553   MAP3K1 TCGA-A8-A07B-01  0.0000000
## 1554    TP53 TCGA-A8-A07B-01  0.0000000
## 1555 CROCCP2 TCGA-A8-A07B-01  0.0000000
## 1556    MUC4 TCGA-A8-A07B-01  1.0000000
## 1557    CDH1 TCGA-A8-A07B-01  1.0000000
## 1558  PIK3CA TCGA-A8-A07B-01  1.0000000
## 1559   GATA3 TCGA-A8-A07B-01  0.0000000
## 1560     TTN TCGA-A8-A07B-01  0.0000000
## 1561   MUC16 TCGA-A8-A07F-01  0.0000000
## 1562    MLL3 TCGA-A8-A07F-01  0.0000000
## 1563   MAP3K1 TCGA-A8-A07F-01  1.0000000
## 1564    TP53 TCGA-A8-A07F-01  0.0000000
## 1565 CROCCP2 TCGA-A8-A07F-01  0.0000000
## 1566    MUC4 TCGA-A8-A07F-01  0.0000000
## 1567    CDH1 TCGA-A8-A07F-01  0.0000000
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## 1568  PIK3CA TCGA-A8-A07F-01  0.0000000
## 1569   GATA3 TCGA-A8-A07F-01  0.0000000
## 1570     TTN TCGA-A8-A07F-01  0.0000000
## 1571   MUC16 TCGA-A8-A07G-01  0.0000000
## 1572    MLL3 TCGA-A8-A07G-01  0.0000000
## 1573  MAP3K1 TCGA-A8-A07G-01  0.0000000
## 1574    TP53 TCGA-A8-A07G-01  0.0000000
## 1575 CROCCP2 TCGA-A8-A07G-01  0.0000000
## 1576    MUC4 TCGA-A8-A07G-01  0.0000000
## 1577    CDH1 TCGA-A8-A07G-01  0.0000000
## 1578  PIK3CA TCGA-A8-A07G-01  1.0000000
## 1579   GATA3 TCGA-A8-A07G-01  0.0000000
## 1580     TTN TCGA-A8-A07G-01  0.0000000
## 1581   MUC16 TCGA-A8-A07I-01  1.0000000
## 1582    MLL3 TCGA-A8-A07I-01  0.0000000
## 1583  MAP3K1 TCGA-A8-A07I-01  0.0000000
## 1584    TP53 TCGA-A8-A07I-01  0.0000000
## 1585 CROCCP2 TCGA-A8-A07I-01  0.0000000
## 1586    MUC4 TCGA-A8-A07I-01  0.0000000
## 1587    CDH1 TCGA-A8-A07I-01  0.0000000
## 1588  PIK3CA TCGA-A8-A07I-01  0.0000000
## 1589   GATA3 TCGA-A8-A07I-01  0.0000000
## 1590     TTN TCGA-A8-A07I-01  0.0000000
## 1591   MUC16 TCGA-A8-A07J-01  1.0000000
## 1592    MLL3 TCGA-A8-A07J-01  0.0000000
## 1593  MAP3K1 TCGA-A8-A07J-01  0.0000000
## 1594    TP53 TCGA-A8-A07J-01  0.0000000
## 1595 CROCCP2 TCGA-A8-A07J-01  0.0000000
## 1596    MUC4 TCGA-A8-A07J-01  0.0000000
## 1597    CDH1 TCGA-A8-A07J-01  0.0000000
## 1598  PIK3CA TCGA-A8-A07J-01  0.0000000
## 1599   GATA3 TCGA-A8-A07J-01  0.0000000
## 1600     TTN TCGA-A8-A07J-01  0.0000000
## 1601   MUC16 TCGA-A8-A07L-01  0.0000000
## 1602    MLL3 TCGA-A8-A07L-01  0.0000000
## 1603  MAP3K1 TCGA-A8-A07L-01  0.0000000
## 1604    TP53 TCGA-A8-A07L-01  0.0000000
## 1605 CROCCP2 TCGA-A8-A07L-01  0.0000000
## 1606    MUC4 TCGA-A8-A07L-01  0.0000000
## 1607    CDH1 TCGA-A8-A07L-01  0.0000000
## 1608  PIK3CA TCGA-A8-A07L-01  0.0000000
## 1609   GATA3 TCGA-A8-A07L-01  0.0000000
## 1610     TTN TCGA-A8-A07L-01  0.0000000
## 1611   MUC16 TCGA-A8-A07O-01  1.0000000
## 1612    MLL3 TCGA-A8-A07O-01  0.0000000
## 1613  MAP3K1 TCGA-A8-A07O-01  0.0000000
## 1614    TP53 TCGA-A8-A07O-01  1.0000000
## 1615 CROCCP2 TCGA-A8-A07O-01  0.0000000
## 1616    MUC4 TCGA-A8-A07O-01  0.0000000
## 1617    CDH1 TCGA-A8-A07O-01  0.0000000
## 1618  PIK3CA TCGA-A8-A07O-01  0.0000000
## 1619   GATA3 TCGA-A8-A07O-01  0.0000000
## 1620     TTN TCGA-A8-A07O-01  0.0000000
## 1621   MUC16 TCGA-A8-A07P-01  0.0000000
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## 1622    MLL3 TCGA-A8-A07P-01  0.0000000
## 1623  MAP3K1 TCGA-A8-A07P-01  0.0000000
## 1624    TP53 TCGA-A8-A07P-01  0.0000000
## 1625 CROCCP2 TCGA-A8-A07P-01  0.0000000
## 1626    MUC4 TCGA-A8-A07P-01  0.0000000
## 1627    CDH1 TCGA-A8-A07P-01  0.0000000
## 1628   PIK3CA TCGA-A8-A07P-01  0.0000000
## 1629   GATA3 TCGA-A8-A07P-01  0.0000000
## 1630     TTN TCGA-A8-A07P-01  0.0000000
## 1631   MUC16 TCGA-A8-A07U-01  0.0000000
## 1632    MLL3 TCGA-A8-A07U-01  0.0000000
## 1633  MAP3K1 TCGA-A8-A07U-01  0.0000000
## 1634    TP53 TCGA-A8-A07U-01  1.0000000
## 1635 CROCCP2 TCGA-A8-A07U-01  0.0000000
## 1636    MUC4 TCGA-A8-A07U-01  0.0000000
## 1637    CDH1 TCGA-A8-A07U-01  0.0000000
## 1638   PIK3CA TCGA-A8-A07U-01  0.0000000
## 1639   GATA3 TCGA-A8-A07U-01  0.0000000
## 1640     TTN TCGA-A8-A07U-01  0.0000000
## 1641   MUC16 TCGA-A8-A07W-01  0.0000000
## 1642    MLL3 TCGA-A8-A07W-01  0.0000000
## 1643  MAP3K1 TCGA-A8-A07W-01  0.0000000
## 1644    TP53 TCGA-A8-A07W-01  1.0000000
## 1645 CROCCP2 TCGA-A8-A07W-01  0.0000000
## 1646    MUC4 TCGA-A8-A07W-01  0.0000000
## 1647    CDH1 TCGA-A8-A07W-01  0.0000000
## 1648   PIK3CA TCGA-A8-A07W-01  0.0000000
## 1649   GATA3 TCGA-A8-A07W-01  0.0000000
## 1650     TTN TCGA-A8-A07W-01  0.0000000
## 1651   MUC16 TCGA-A8-A082-01  0.0000000
## 1652    MLL3 TCGA-A8-A082-01  0.0000000
## 1653  MAP3K1 TCGA-A8-A082-01  1.0000000
## 1654    TP53 TCGA-A8-A082-01  0.0000000
## 1655 CROCCP2 TCGA-A8-A082-01  1.0000000
## 1656    MUC4 TCGA-A8-A082-01  0.0000000
## 1657    CDH1 TCGA-A8-A082-01  0.0000000
## 1658   PIK3CA TCGA-A8-A082-01  0.0000000
## 1659   GATA3 TCGA-A8-A082-01  0.0000000
## 1660     TTN TCGA-A8-A082-01  0.0000000
## 1661   MUC16 TCGA-A8-A083-01  1.0000000
## 1662    MLL3 TCGA-A8-A083-01  0.0000000
## 1663  MAP3K1 TCGA-A8-A083-01  0.0000000
## 1664    TP53 TCGA-A8-A083-01  0.0000000
## 1665 CROCCP2 TCGA-A8-A083-01  0.0000000
## 1666    MUC4 TCGA-A8-A083-01  0.0000000
## 1667    CDH1 TCGA-A8-A083-01  0.0000000
## 1668   PIK3CA TCGA-A8-A083-01  0.0000000
## 1669   GATA3 TCGA-A8-A083-01  1.0000000
## 1670     TTN TCGA-A8-A083-01  0.0000000
## 1671   MUC16 TCGA-A8-A085-01  0.0000000
## 1672    MLL3 TCGA-A8-A085-01  0.0000000
## 1673  MAP3K1 TCGA-A8-A085-01  0.0000000
## 1674    TP53 TCGA-A8-A085-01  0.0000000
## 1675 CROCCP2 TCGA-A8-A085-01  0.0000000
```

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## 1676    MUC4 TCGA-A8-A085-01  0.0000000
## 1677    CDH1 TCGA-A8-A085-01  0.0000000
## 1678  PIK3CA TCGA-A8-A085-01  0.0000000
## 1679   GATA3 TCGA-A8-A085-01  0.0000000
## 1680     TTN TCGA-A8-A085-01  0.0000000
## 1681   MUC16 TCGA-A8-A086-01  0.0000000
## 1682    MLL3 TCGA-A8-A086-01  0.0000000
## 1683  MAP3K1 TCGA-A8-A086-01  1.0000000
## 1684    TP53 TCGA-A8-A086-01  0.0000000
## 1685 CROCCP2 TCGA-A8-A086-01  0.0000000
## 1686    MUC4 TCGA-A8-A086-01  0.0000000
## 1687    CDH1 TCGA-A8-A086-01  0.0000000
## 1688  PIK3CA TCGA-A8-A086-01  0.0000000
## 1689   GATA3 TCGA-A8-A086-01  0.0000000
## 1690     TTN TCGA-A8-A086-01  0.0000000
## 1691   MUC16 TCGA-A8-A08B-01  0.0000000
## 1692    MLL3 TCGA-A8-A08B-01  0.0000000
## 1693  MAP3K1 TCGA-A8-A08B-01  0.0000000
## 1694    TP53 TCGA-A8-A08B-01  0.0000000
## 1695 CROCCP2 TCGA-A8-A08B-01  0.0000000
## 1696    MUC4 TCGA-A8-A08B-01  0.0000000
## 1697    CDH1 TCGA-A8-A08B-01  0.0000000
## 1698  PIK3CA TCGA-A8-A08B-01  1.0000000
## 1699   GATA3 TCGA-A8-A08B-01  0.0000000
## 1700     TTN TCGA-A8-A08B-01  0.0000000
## 1701   MUC16 TCGA-A8-A08C-01  0.0000000
## 1702    MLL3 TCGA-A8-A08C-01  0.0000000
## 1703  MAP3K1 TCGA-A8-A08C-01  0.0000000
## 1704    TP53 TCGA-A8-A08C-01  0.0000000
## 1705 CROCCP2 TCGA-A8-A08C-01  0.0000000
## 1706    MUC4 TCGA-A8-A08C-01  0.0000000
## 1707    CDH1 TCGA-A8-A08C-01  0.0000000
## 1708  PIK3CA TCGA-A8-A08C-01  0.0000000
## 1709   GATA3 TCGA-A8-A08C-01  0.0000000
## 1710     TTN TCGA-A8-A08C-01  0.0000000
## 1711   MUC16 TCGA-A8-A08F-01  0.0000000
## 1712    MLL3 TCGA-A8-A08F-01  0.0000000
## 1713  MAP3K1 TCGA-A8-A08F-01  0.0000000
## 1714    TP53 TCGA-A8-A08F-01  0.0000000
## 1715 CROCCP2 TCGA-A8-A08F-01  0.0000000
## 1716    MUC4 TCGA-A8-A08F-01  0.0000000
## 1717    CDH1 TCGA-A8-A08F-01  0.0000000
## 1718  PIK3CA TCGA-A8-A08F-01  0.0000000
## 1719   GATA3 TCGA-A8-A08F-01  0.0000000
## 1720     TTN TCGA-A8-A08F-01  1.0000000
## 1721   MUC16 TCGA-A8-A08G-01  0.0000000
## 1722    MLL3 TCGA-A8-A08G-01  0.0000000
## 1723  MAP3K1 TCGA-A8-A08G-01  0.0000000
## 1724    TP53 TCGA-A8-A08G-01  0.0000000
## 1725 CROCCP2 TCGA-A8-A08G-01  0.0000000
## 1726    MUC4 TCGA-A8-A08G-01  0.0000000
## 1727    CDH1 TCGA-A8-A08G-01  0.0000000
## 1728  PIK3CA TCGA-A8-A08G-01  0.0000000
## 1729   GATA3 TCGA-A8-A08G-01  0.0000000
```

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## 1730     TTN TCGA-A8-A08G-01 0.0000000
## 1731   MUC16 TCGA-A8-A08H-01 0.0000000
## 1732    MLL3 TCGA-A8-A08H-01 0.0000000
## 1733   MAP3K1 TCGA-A8-A08H-01 0.0000000
## 1734    TP53 TCGA-A8-A08H-01 0.0000000
## 1735 CROCCP2 TCGA-A8-A08H-01 0.0000000
## 1736    MUC4 TCGA-A8-A08H-01 0.0000000
## 1737    CDH1 TCGA-A8-A08H-01 0.0000000
## 1738   PIK3CA TCGA-A8-A08H-01 0.0000000
## 1739   GATA3 TCGA-A8-A08H-01 0.0000000
## 1740     TTN TCGA-A8-A08H-01 1.0000000
## 1741   MUC16 TCGA-A8-A08I-01 0.0000000
## 1742    MLL3 TCGA-A8-A08I-01 0.0000000
## 1743   MAP3K1 TCGA-A8-A08I-01 0.0000000
## 1744    TP53 TCGA-A8-A08I-01 1.0000000
## 1745 CROCCP2 TCGA-A8-A08I-01 0.0000000
## 1746    MUC4 TCGA-A8-A08I-01 0.0000000
## 1747    CDH1 TCGA-A8-A08I-01 0.0000000
## 1748   PIK3CA TCGA-A8-A08I-01 0.0000000
## 1749   GATA3 TCGA-A8-A08I-01 0.0000000
## 1750     TTN TCGA-A8-A08I-01 0.0000000
## 1751   MUC16 TCGA-A8-A08J-01 0.0000000
## 1752    MLL3 TCGA-A8-A08J-01 0.0000000
## 1753   MAP3K1 TCGA-A8-A08J-01 0.0000000
## 1754    TP53 TCGA-A8-A08J-01 0.0000000
## 1755 CROCCP2 TCGA-A8-A08J-01 0.0000000
## 1756    MUC4 TCGA-A8-A08J-01 0.0000000
## 1757    CDH1 TCGA-A8-A08J-01 0.0000000
## 1758   PIK3CA TCGA-A8-A08J-01 0.0000000
## 1759   GATA3 TCGA-A8-A08J-01 1.0000000
## 1760     TTN TCGA-A8-A08J-01 0.0000000
## 1761   MUC16 TCGA-A8-A08O-01 0.0000000
## 1762    MLL3 TCGA-A8-A08O-01 0.0000000
## 1763   MAP3K1 TCGA-A8-A08O-01 0.0000000
## 1764    TP53 TCGA-A8-A08O-01 0.0000000
## 1765 CROCCP2 TCGA-A8-A08O-01 0.0000000
## 1766    MUC4 TCGA-A8-A08O-01 0.0000000
## 1767    CDH1 TCGA-A8-A08O-01 0.0000000
## 1768   PIK3CA TCGA-A8-A08O-01 1.0000000
## 1769   GATA3 TCGA-A8-A08O-01 0.0000000
## 1770     TTN TCGA-A8-A08O-01 0.0000000
## 1771   MUC16 TCGA-A8-A08P-01 0.0000000
## 1772    MLL3 TCGA-A8-A08P-01 1.0000000
## 1773   MAP3K1 TCGA-A8-A08P-01 0.0000000
## 1774    TP53 TCGA-A8-A08P-01 0.0000000
## 1775 CROCCP2 TCGA-A8-A08P-01 0.0000000
## 1776    MUC4 TCGA-A8-A08P-01 0.0000000
## 1777    CDH1 TCGA-A8-A08P-01 0.0000000
## 1778   PIK3CA TCGA-A8-A08P-01 1.0000000
## 1779   GATA3 TCGA-A8-A08P-01 0.0000000
## 1780     TTN TCGA-A8-A08P-01 0.0000000
## 1781   MUC16 TCGA-A8-A08R-01 0.0000000
## 1782    MLL3 TCGA-A8-A08R-01 0.0000000
## 1783   MAP3K1 TCGA-A8-A08R-01 0.0000000
```

```
## 1784     TP53 TCGA-A8-A08R-01  1.0000000
## 1785 CROCCP2 TCGA-A8-A08R-01  0.0000000
## 1786    MUC4 TCGA-A8-A08R-01  1.0000000
## 1787    CDH1 TCGA-A8-A08R-01  0.0000000
## 1788  PIK3CA TCGA-A8-A08R-01  1.0000000
## 1789   GATA3 TCGA-A8-A08R-01  0.0000000
## 1790     TTN TCGA-A8-A08R-01  0.0000000
## 1791   MUC16 TCGA-A8-A08S-01  0.0000000
## 1792    MLL3 TCGA-A8-A08S-01  0.0000000
## 1793   MAP3K1 TCGA-A8-A08S-01  0.0000000
## 1794     TP53 TCGA-A8-A08S-01  0.0000000
## 1795 CROCCP2 TCGA-A8-A08S-01  0.0000000
## 1796    MUC4 TCGA-A8-A08S-01  0.0000000
## 1797    CDH1 TCGA-A8-A08S-01  0.0000000
## 1798  PIK3CA TCGA-A8-A08S-01  0.0000000
## 1799   GATA3 TCGA-A8-A08S-01  0.0000000
## 1800     TTN TCGA-A8-A08S-01  0.0000000
## 1801   MUC16 TCGA-A8-A08T-01  0.0000000
## 1802    MLL3 TCGA-A8-A08T-01  0.0000000
## 1803   MAP3K1 TCGA-A8-A08T-01  0.0000000
## 1804     TP53 TCGA-A8-A08T-01  0.0000000
## 1805 CROCCP2 TCGA-A8-A08T-01  1.0000000
## 1806    MUC4 TCGA-A8-A08T-01  0.0000000
## 1807    CDH1 TCGA-A8-A08T-01  0.0000000
## 1808  PIK3CA TCGA-A8-A08T-01  1.0000000
## 1809   GATA3 TCGA-A8-A08T-01  0.0000000
## 1810     TTN TCGA-A8-A08T-01  0.0000000
## 1811   MUC16 TCGA-A8-A08X-01  0.0000000
## 1812    MLL3 TCGA-A8-A08X-01  0.0000000
## 1813   MAP3K1 TCGA-A8-A08X-01  0.0000000
## 1814     TP53 TCGA-A8-A08X-01  1.0000000
## 1815 CROCCP2 TCGA-A8-A08X-01  0.0000000
## 1816    MUC4 TCGA-A8-A08X-01  0.0000000
## 1817    CDH1 TCGA-A8-A08X-01  0.0000000
## 1818  PIK3CA TCGA-A8-A08X-01  0.0000000
## 1819   GATA3 TCGA-A8-A08X-01  0.0000000
## 1820     TTN TCGA-A8-A08X-01  0.0000000
## 1821   MUC16 TCGA-A8-A08Z-01  0.0000000
## 1822    MLL3 TCGA-A8-A08Z-01  0.0000000
## 1823   MAP3K1 TCGA-A8-A08Z-01  1.0000000
## 1824     TP53 TCGA-A8-A08Z-01  0.0000000
## 1825 CROCCP2 TCGA-A8-A08Z-01  0.0000000
## 1826    MUC4 TCGA-A8-A08Z-01  0.0000000
## 1827    CDH1 TCGA-A8-A08Z-01  0.0000000
## 1828  PIK3CA TCGA-A8-A08Z-01  1.0000000
## 1829   GATA3 TCGA-A8-A08Z-01  0.0000000
## 1830     TTN TCGA-A8-A08Z-01  0.0000000
## 1831   MUC16 TCGA-A8-A090-01  0.0000000
## 1832    MLL3 TCGA-A8-A090-01  0.0000000
## 1833   MAP3K1 TCGA-A8-A090-01  1.0000000
## 1834     TP53 TCGA-A8-A090-01  0.0000000
## 1835 CROCCP2 TCGA-A8-A090-01  0.0000000
## 1836    MUC4 TCGA-A8-A090-01  0.0000000
## 1837    CDH1 TCGA-A8-A090-01  0.0000000
```

```
## 1838  PIK3CA TCGA-A8-A090-01  0.0000000
## 1839   GATA3 TCGA-A8-A090-01  0.0000000
## 1840     TTN TCGA-A8-A090-01  0.0000000
## 1841   MUC16 TCGA-A8-A091-01  0.0000000
## 1842    MLL3 TCGA-A8-A091-01  0.0000000
## 1843  MAP3K1 TCGA-A8-A091-01  0.0000000
## 1844    TP53 TCGA-A8-A091-01  0.0000000
## 1845 CROCCP2 TCGA-A8-A091-01  0.0000000
## 1846    MUC4 TCGA-A8-A091-01  0.0000000
## 1847    CDH1 TCGA-A8-A091-01  1.0000000
## 1848  PIK3CA TCGA-A8-A091-01  0.0000000
## 1849   GATA3 TCGA-A8-A091-01  0.0000000
## 1850     TTN TCGA-A8-A091-01  0.0000000
## 1851   MUC16 TCGA-A8-A092-01  1.0000000
## 1852    MLL3 TCGA-A8-A092-01  0.0000000
## 1853  MAP3K1 TCGA-A8-A092-01  0.0000000
## 1854    TP53 TCGA-A8-A092-01  1.0000000
## 1855 CROCCP2 TCGA-A8-A092-01  0.0000000
## 1856    MUC4 TCGA-A8-A092-01  0.0000000
## 1857    CDH1 TCGA-A8-A092-01  0.0000000
## 1858  PIK3CA TCGA-A8-A092-01  1.0000000
## 1859   GATA3 TCGA-A8-A092-01  0.0000000
## 1860     TTN TCGA-A8-A092-01  0.0000000
## 1861   MUC16 TCGA-A8-A093-01  1.0000000
## 1862    MLL3 TCGA-A8-A093-01  0.0000000
## 1863  MAP3K1 TCGA-A8-A093-01  0.0000000
## 1864    TP53 TCGA-A8-A093-01  0.0000000
## 1865 CROCCP2 TCGA-A8-A093-01  0.0000000
## 1866    MUC4 TCGA-A8-A093-01  0.0000000
## 1867    CDH1 TCGA-A8-A093-01  0.0000000
## 1868  PIK3CA TCGA-A8-A093-01  1.0000000
## 1869   GATA3 TCGA-A8-A093-01  0.0000000
## 1870     TTN TCGA-A8-A093-01  0.0000000
## 1871   MUC16 TCGA-A8-A094-01  0.0000000
## 1872    MLL3 TCGA-A8-A094-01  0.0000000
## 1873  MAP3K1 TCGA-A8-A094-01  0.0000000
## 1874    TP53 TCGA-A8-A094-01  1.0000000
## 1875 CROCCP2 TCGA-A8-A094-01  0.0000000
## 1876    MUC4 TCGA-A8-A094-01  0.0000000
## 1877    CDH1 TCGA-A8-A094-01  0.0000000
## 1878  PIK3CA TCGA-A8-A094-01  0.0000000
## 1879   GATA3 TCGA-A8-A094-01  0.0000000
## 1880     TTN TCGA-A8-A094-01  0.0000000
## 1881   MUC16 TCGA-A8-A095-01  0.0000000
## 1882    MLL3 TCGA-A8-A095-01  0.0000000
## 1883  MAP3K1 TCGA-A8-A095-01  0.0000000
## 1884    TP53 TCGA-A8-A095-01  0.0000000
## 1885 CROCCP2 TCGA-A8-A095-01  0.0000000
## 1886    MUC4 TCGA-A8-A095-01  0.0000000
## 1887    CDH1 TCGA-A8-A095-01  0.0000000
## 1888  PIK3CA TCGA-A8-A095-01  1.0000000
## 1889   GATA3 TCGA-A8-A095-01  0.0000000
## 1890     TTN TCGA-A8-A095-01  1.0000000
## 1891   MUC16 TCGA-A8-A096-01  0.0000000
```

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## 1892    MLL3 TCGA-A8-A096-01  0.0000000
## 1893  MAP3K1 TCGA-A8-A096-01  0.0000000
## 1894    TP53 TCGA-A8-A096-01  0.0000000
## 1895 CROCCP2 TCGA-A8-A096-01  0.0000000
## 1896    MUC4 TCGA-A8-A096-01  0.0000000
## 1897    CDH1 TCGA-A8-A096-01  0.0000000
## 1898   PIK3CA TCGA-A8-A096-01  1.0000000
## 1899   GATA3 TCGA-A8-A096-01  0.0000000
## 1900     TTN TCGA-A8-A096-01  0.0000000
## 1901   MUC16 TCGA-A8-A097-01  0.0000000
## 1902    MLL3 TCGA-A8-A097-01  0.0000000
## 1903  MAP3K1 TCGA-A8-A097-01  0.0000000
## 1904    TP53 TCGA-A8-A097-01  1.0000000
## 1905 CROCCP2 TCGA-A8-A097-01  0.0000000
## 1906    MUC4 TCGA-A8-A097-01  0.0000000
## 1907    CDH1 TCGA-A8-A097-01  0.0000000
## 1908   PIK3CA TCGA-A8-A097-01  0.0000000
## 1909   GATA3 TCGA-A8-A097-01  0.0000000
## 1910     TTN TCGA-A8-A097-01  1.0000000
## 1911   MUC16 TCGA-A8-A099-01  0.0000000
## 1912    MLL3 TCGA-A8-A099-01  0.0000000
## 1913  MAP3K1 TCGA-A8-A099-01  0.0000000
## 1914    TP53 TCGA-A8-A099-01  0.0000000
## 1915 CROCCP2 TCGA-A8-A099-01  0.0000000
## 1916    MUC4 TCGA-A8-A099-01  0.0000000
## 1917    CDH1 TCGA-A8-A099-01  0.0000000
## 1918   PIK3CA TCGA-A8-A099-01  0.0000000
## 1919   GATA3 TCGA-A8-A099-01  0.0000000
## 1920     TTN TCGA-A8-A099-01  0.0000000
## 1921   MUC16 TCGA-A8-A09A-01  0.0000000
## 1922    MLL3 TCGA-A8-A09A-01  0.0000000
## 1923  MAP3K1 TCGA-A8-A09A-01  0.0000000
## 1924    TP53 TCGA-A8-A09A-01  0.0000000
## 1925 CROCCP2 TCGA-A8-A09A-01  0.0000000
## 1926    MUC4 TCGA-A8-A09A-01  0.0000000
## 1927    CDH1 TCGA-A8-A09A-01  0.0000000
## 1928   PIK3CA TCGA-A8-A09A-01  0.0000000
## 1929   GATA3 TCGA-A8-A09A-01  0.0000000
## 1930     TTN TCGA-A8-A09A-01  0.0000000
## 1931   MUC16 TCGA-A8-A09B-01  0.0000000
## 1932    MLL3 TCGA-A8-A09B-01  0.0000000
## 1933  MAP3K1 TCGA-A8-A09B-01  1.0000000
## 1934    TP53 TCGA-A8-A09B-01  0.0000000
## 1935 CROCCP2 TCGA-A8-A09B-01  0.0000000
## 1936    MUC4 TCGA-A8-A09B-01  0.0000000
## 1937    CDH1 TCGA-A8-A09B-01  0.0000000
## 1938   PIK3CA TCGA-A8-A09B-01  0.0000000
## 1939   GATA3 TCGA-A8-A09B-01  0.0000000
## 1940     TTN TCGA-A8-A09B-01  0.0000000
## 1941   MUC16 TCGA-A8-A09C-01  0.0000000
## 1942    MLL3 TCGA-A8-A09C-01  0.0000000
## 1943  MAP3K1 TCGA-A8-A09C-01  0.0000000
## 1944    TP53 TCGA-A8-A09C-01  0.0000000
## 1945 CROCCP2 TCGA-A8-A09C-01  0.0000000
```

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## 1946    MUC4 TCGA-A8-A09C-01  0.0000000
## 1947    CDH1 TCGA-A8-A09C-01  0.0000000
## 1948  PIK3CA TCGA-A8-A09C-01  1.0000000
## 1949   GATA3 TCGA-A8-A09C-01  0.0000000
## 1950     TTN TCGA-A8-A09C-01  0.0000000
## 1951   MUC16 TCGA-A8-A09D-01  0.0000000
## 1952    MLL3 TCGA-A8-A09D-01  0.0000000
## 1953  MAP3K1 TCGA-A8-A09D-01  0.0000000
## 1954    TP53 TCGA-A8-A09D-01  0.0000000
## 1955 CROCCP2 TCGA-A8-A09D-01  0.0000000
## 1956    MUC4 TCGA-A8-A09D-01  0.0000000
## 1957    CDH1 TCGA-A8-A09D-01  0.0000000
## 1958  PIK3CA TCGA-A8-A09D-01  1.0000000
## 1959   GATA3 TCGA-A8-A09D-01  0.0000000
## 1960     TTN TCGA-A8-A09D-01  0.0000000
## 1961   MUC16 TCGA-A8-A09E-01  0.0000000
## 1962    MLL3 TCGA-A8-A09E-01  0.0000000
## 1963  MAP3K1 TCGA-A8-A09E-01  0.0000000
## 1964    TP53 TCGA-A8-A09E-01  0.0000000
## 1965 CROCCP2 TCGA-A8-A09E-01  0.0000000
## 1966    MUC4 TCGA-A8-A09E-01  0.0000000
## 1967    CDH1 TCGA-A8-A09E-01  0.0000000
## 1968  PIK3CA TCGA-A8-A09E-01  0.0000000
## 1969   GATA3 TCGA-A8-A09E-01  0.0000000
## 1970     TTN TCGA-A8-A09E-01  1.0000000
## 1971   MUC16 TCGA-A8-A09G-01  1.0000000
## 1972    MLL3 TCGA-A8-A09G-01  0.0000000
## 1973  MAP3K1 TCGA-A8-A09G-01  0.0000000
## 1974    TP53 TCGA-A8-A09G-01  0.0000000
## 1975 CROCCP2 TCGA-A8-A09G-01  0.0000000
## 1976    MUC4 TCGA-A8-A09G-01  0.0000000
## 1977    CDH1 TCGA-A8-A09G-01  0.0000000
## 1978  PIK3CA TCGA-A8-A09G-01  0.0000000
## 1979   GATA3 TCGA-A8-A09G-01  0.0000000
## 1980     TTN TCGA-A8-A09G-01  1.0000000
## 1981   MUC16 TCGA-A8-A09K-01  0.0000000
## 1982    MLL3 TCGA-A8-A09K-01  0.0000000
## 1983  MAP3K1 TCGA-A8-A09K-01  0.0000000
## 1984    TP53 TCGA-A8-A09K-01  0.0000000
## 1985 CROCCP2 TCGA-A8-A09K-01  0.0000000
## 1986    MUC4 TCGA-A8-A09K-01  0.0000000
## 1987    CDH1 TCGA-A8-A09K-01  0.0000000
## 1988  PIK3CA TCGA-A8-A09K-01  0.0000000
## 1989   GATA3 TCGA-A8-A09K-01  0.0000000
## 1990     TTN TCGA-A8-A09K-01  0.0000000
## 1991   MUC16 TCGA-A8-A09M-01  0.0000000
## 1992    MLL3 TCGA-A8-A09M-01  0.0000000
## 1993  MAP3K1 TCGA-A8-A09M-01  1.0000000
## 1994    TP53 TCGA-A8-A09M-01  0.0000000
## 1995 CROCCP2 TCGA-A8-A09M-01  0.0000000
## 1996    MUC4 TCGA-A8-A09M-01  0.0000000
## 1997    CDH1 TCGA-A8-A09M-01  0.0000000
## 1998  PIK3CA TCGA-A8-A09M-01  0.0000000
## 1999   GATA3 TCGA-A8-A09M-01  0.0000000
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## 2000     TTN TCGA-A8-A09M-01  0.0000000
## 2001   MUC16 TCGA-A8-A09N-01  1.0000000
## 2002    MLL3 TCGA-A8-A09N-01  0.0000000
## 2003   MAP3K1 TCGA-A8-A09N-01  0.0000000
## 2004    TP53 TCGA-A8-A09N-01  0.0000000
## 2005 CROCCP2 TCGA-A8-A09N-01  0.0000000
## 2006    MUC4 TCGA-A8-A09N-01  0.0000000
## 2007    CDH1 TCGA-A8-A09N-01  0.0000000
## 2008   PIK3CA TCGA-A8-A09N-01  0.0000000
## 2009   GATA3 TCGA-A8-A09N-01  0.0000000
## 2010     TTN TCGA-A8-A09N-01  0.0000000
## 2011   MUC16 TCGA-A8-A09T-01  0.0000000
## 2012    MLL3 TCGA-A8-A09T-01  0.0000000
## 2013   MAP3K1 TCGA-A8-A09T-01  0.0000000
## 2014    TP53 TCGA-A8-A09T-01  0.0000000
## 2015 CROCCP2 TCGA-A8-A09T-01  0.0000000
## 2016    MUC4 TCGA-A8-A09T-01  0.0000000
## 2017    CDH1 TCGA-A8-A09T-01  1.0000000
## 2018   PIK3CA TCGA-A8-A09T-01  0.0000000
## 2019   GATA3 TCGA-A8-A09T-01  0.0000000
## 2020     TTN TCGA-A8-A09T-01  0.0000000
## 2021   MUC16 TCGA-A8-A09V-01  1.0000000
## 2022    MLL3 TCGA-A8-A09V-01  0.0000000
## 2023   MAP3K1 TCGA-A8-A09V-01  0.0000000
## 2024    TP53 TCGA-A8-A09V-01  0.0000000
## 2025 CROCCP2 TCGA-A8-A09V-01  0.0000000
## 2026    MUC4 TCGA-A8-A09V-01  1.0000000
## 2027    CDH1 TCGA-A8-A09V-01  1.0000000
## 2028   PIK3CA TCGA-A8-A09V-01  0.0000000
## 2029   GATA3 TCGA-A8-A09V-01  0.0000000
## 2030     TTN TCGA-A8-A09V-01  0.0000000
## 2031   MUC16 TCGA-A8-A09W-01  0.0000000
## 2032    MLL3 TCGA-A8-A09W-01  0.0000000
## 2033   MAP3K1 TCGA-A8-A09W-01  0.0000000
## 2034    TP53 TCGA-A8-A09W-01  0.0000000
## 2035 CROCCP2 TCGA-A8-A09W-01  0.0000000
## 2036    MUC4 TCGA-A8-A09W-01  0.0000000
## 2037    CDH1 TCGA-A8-A09W-01  1.0000000
## 2038   PIK3CA TCGA-A8-A09W-01  0.0000000
## 2039   GATA3 TCGA-A8-A09W-01  0.0000000
## 2040     TTN TCGA-A8-A09W-01  1.0000000
## 2041   MUC16 TCGA-A8-A09X-01  0.0000000
## 2042    MLL3 TCGA-A8-A09X-01  0.0000000
## 2043   MAP3K1 TCGA-A8-A09X-01  0.0000000
## 2044    TP53 TCGA-A8-A09X-01  1.0000000
## 2045 CROCCP2 TCGA-A8-A09X-01  0.0000000
## 2046    MUC4 TCGA-A8-A09X-01  0.0000000
## 2047    CDH1 TCGA-A8-A09X-01  1.0000000
## 2048   PIK3CA TCGA-A8-A09X-01  0.0000000
## 2049   GATA3 TCGA-A8-A09X-01  0.0000000
## 2050     TTN TCGA-A8-A09X-01  0.0000000
## 2051   MUC16 TCGA-A8-A0A2-01  0.0000000
## 2052    MLL3 TCGA-A8-A0A2-01  0.0000000
## 2053   MAP3K1 TCGA-A8-A0A2-01  0.0000000
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## 2054     TP53 TCGA-A8-A0A2-01  0.0000000
## 2055 CROCCP2 TCGA-A8-A0A2-01  0.0000000
## 2056    MUC4 TCGA-A8-A0A2-01  0.0000000
## 2057    CDH1 TCGA-A8-A0A2-01  0.0000000
## 2058  PIK3CA TCGA-A8-A0A2-01  0.0000000
## 2059   GATA3 TCGA-A8-A0A2-01  0.0000000
## 2060     TTN TCGA-A8-A0A2-01  0.0000000
## 2061   MUC16 TCGA-A8-A0A4-01  0.0000000
## 2062    MLL3 TCGA-A8-A0A4-01  0.0000000
## 2063   MAP3K1 TCGA-A8-A0A4-01  0.0000000
## 2064     TP53 TCGA-A8-A0A4-01  0.0000000
## 2065 CROCCP2 TCGA-A8-A0A4-01  0.0000000
## 2066    MUC4 TCGA-A8-A0A4-01  0.0000000
## 2067    CDH1 TCGA-A8-A0A4-01  1.0000000
## 2068  PIK3CA TCGA-A8-A0A4-01  0.0000000
## 2069   GATA3 TCGA-A8-A0A4-01  0.0000000
## 2070     TTN TCGA-A8-A0A4-01  1.0000000
## 2071   MUC16 TCGA-A8-A0A6-01  1.0000000
## 2072    MLL3 TCGA-A8-A0A6-01  1.0000000
## 2073   MAP3K1 TCGA-A8-A0A6-01  0.0000000
## 2074     TP53 TCGA-A8-A0A6-01  0.0000000
## 2075 CROCCP2 TCGA-A8-A0A6-01  0.0000000
## 2076    MUC4 TCGA-A8-A0A6-01  0.0000000
## 2077    CDH1 TCGA-A8-A0A6-01  1.0000000
## 2078  PIK3CA TCGA-A8-A0A6-01  1.0000000
## 2079   GATA3 TCGA-A8-A0A6-01  0.0000000
## 2080     TTN TCGA-A8-A0A6-01  1.0000000
## 2081   MUC16 TCGA-A8-A0A7-01  0.0000000
## 2082    MLL3 TCGA-A8-A0A7-01  0.0000000
## 2083   MAP3K1 TCGA-A8-A0A7-01  0.0000000
## 2084     TP53 TCGA-A8-A0A7-01  0.0000000
## 2085 CROCCP2 TCGA-A8-A0A7-01  0.0000000
## 2086    MUC4 TCGA-A8-A0A7-01  0.0000000
## 2087    CDH1 TCGA-A8-A0A7-01  1.0000000
## 2088  PIK3CA TCGA-A8-A0A7-01  1.0000000
## 2089   GATA3 TCGA-A8-A0A7-01  0.0000000
## 2090     TTN TCGA-A8-A0A7-01  0.0000000
## 2091   MUC16 TCGA-A8-A0AB-01  0.0000000
## 2092    MLL3 TCGA-A8-A0AB-01  0.0000000
## 2093   MAP3K1 TCGA-A8-A0AB-01  0.0000000
## 2094     TP53 TCGA-A8-A0AB-01  0.0000000
## 2095 CROCCP2 TCGA-A8-A0AB-01  0.0000000
## 2096    MUC4 TCGA-A8-A0AB-01  0.0000000
## 2097    CDH1 TCGA-A8-A0AB-01  1.0000000
## 2098  PIK3CA TCGA-A8-A0AB-01  0.0000000
## 2099   GATA3 TCGA-A8-A0AB-01  0.0000000
## 2100     TTN TCGA-A8-A0AB-01  0.0000000
## 2101   MUC16 TCGA-AC-A23C-01  0.0000000
## 2102    MLL3 TCGA-AC-A23C-01  0.0000000
## 2103   MAP3K1 TCGA-AC-A23C-01  0.0000000
## 2104     TP53 TCGA-AC-A23C-01  1.0000000
## 2105 CROCCP2 TCGA-AC-A23C-01  0.0000000
## 2106    MUC4 TCGA-AC-A23C-01  0.0000000
## 2107    CDH1 TCGA-AC-A23C-01  0.0000000
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## 2108   PIK3CA TCGA-AC-A23C-01   1.0000000
## 2109    GATA3 TCGA-AC-A23C-01   0.0000000
## 2110      TTN TCGA-AC-A23C-01   0.0000000
## 2111    MUC16 TCGA-AC-A23E-01   0.0000000
## 2112     MLL3 TCGA-AC-A23E-01   0.0000000
## 2113   MAP3K1 TCGA-AC-A23E-01   0.0000000
## 2114     TP53 TCGA-AC-A23E-01   0.0000000
## 2115  CROCCP2 TCGA-AC-A23E-01   0.0000000
## 2116     MUC4 TCGA-AC-A23E-01   0.0000000
## 2117     CDH1 TCGA-AC-A23E-01   0.0000000
## 2118   PIK3CA TCGA-AC-A23E-01   1.0000000
## 2119    GATA3 TCGA-AC-A23E-01   0.0000000
## 2120      TTN TCGA-AC-A23E-01   0.0000000
## 2121    MUC16 TCGA-AC-A23G-01   0.0000000
## 2122     MLL3 TCGA-AC-A23G-01   0.0000000
## 2123   MAP3K1 TCGA-AC-A23G-01   0.0000000
## 2124     TP53 TCGA-AC-A23G-01   0.0000000
## 2125  CROCCP2 TCGA-AC-A23G-01   0.0000000
## 2126     MUC4 TCGA-AC-A23G-01   0.0000000
## 2127     CDH1 TCGA-AC-A23G-01   1.0000000
## 2128   PIK3CA TCGA-AC-A23G-01   0.0000000
## 2129    GATA3 TCGA-AC-A23G-01   0.0000000
## 2130      TTN TCGA-AC-A23G-01   0.0000000
## 2131    MUC16 TCGA-AC-A2BK-01   0.0000000
## 2132     MLL3 TCGA-AC-A2BK-01   0.0000000
## 2133   MAP3K1 TCGA-AC-A2BK-01   0.0000000
## 2134     TP53 TCGA-AC-A2BK-01   0.0000000
## 2135  CROCCP2 TCGA-AC-A2BK-01   0.0000000
## 2136     MUC4 TCGA-AC-A2BK-01   0.0000000
## 2137     CDH1 TCGA-AC-A2BK-01   0.0000000
## 2138   PIK3CA TCGA-AC-A2BK-01   0.0000000
## 2139    GATA3 TCGA-AC-A2BK-01   0.0000000
## 2140      TTN TCGA-AC-A2BK-01   0.0000000
## 2141    MUC16 TCGA-AC-A2BM-01   0.0000000
## 2142     MLL3 TCGA-AC-A2BM-01   0.0000000
## 2143   MAP3K1 TCGA-AC-A2BM-01   0.0000000
## 2144     TP53 TCGA-AC-A2BM-01   0.0000000
## 2145  CROCCP2 TCGA-AC-A2BM-01   0.0000000
## 2146     MUC4 TCGA-AC-A2BM-01   0.0000000
## 2147     CDH1 TCGA-AC-A2BM-01   0.0000000
## 2148   PIK3CA TCGA-AC-A2BM-01   0.0000000
## 2149    GATA3 TCGA-AC-A2BM-01   0.0000000
## 2150      TTN TCGA-AC-A2BM-01   0.0000000
## 2151    MUC16 TCGA-AC-A2FB-01   0.0000000
## 2152     MLL3 TCGA-AC-A2FB-01   0.0000000
## 2153   MAP3K1 TCGA-AC-A2FB-01   0.0000000
## 2154     TP53 TCGA-AC-A2FB-01   0.0000000
## 2155  CROCCP2 TCGA-AC-A2FB-01   0.0000000
## 2156     MUC4 TCGA-AC-A2FB-01   0.0000000
## 2157     CDH1 TCGA-AC-A2FB-01   0.0000000
## 2158   PIK3CA TCGA-AC-A2FB-01   0.0000000
## 2159    GATA3 TCGA-AC-A2FB-01   0.0000000
## 2160      TTN TCGA-AC-A2FB-01   0.0000000
## 2161    MUC16 TCGA-AC-A2FE-01   0.0000000
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## 2162    MLL3 TCGA-AC-A2FE-01  0.0000000
## 2163  MAP3K1 TCGA-AC-A2FE-01  1.0000000
## 2164    TP53 TCGA-AC-A2FE-01  0.0000000
## 2165 CROCCP2 TCGA-AC-A2FE-01  0.0000000
## 2166    MUC4 TCGA-AC-A2FE-01  1.0000000
## 2167    CDH1 TCGA-AC-A2FE-01  0.0000000
## 2168   PIK3CA TCGA-AC-A2FE-01  0.0000000
## 2169   GATA3 TCGA-AC-A2FE-01  0.0000000
## 2170     TTN TCGA-AC-A2FE-01  0.0000000
## 2171   MUC16 TCGA-AC-A2FF-01  0.0000000
## 2172    MLL3 TCGA-AC-A2FF-01  0.0000000
## 2173  MAP3K1 TCGA-AC-A2FF-01  1.0000000
## 2174    TP53 TCGA-AC-A2FF-01  0.0000000
## 2175 CROCCP2 TCGA-AC-A2FF-01  0.0000000
## 2176    MUC4 TCGA-AC-A2FF-01  0.0000000
## 2177    CDH1 TCGA-AC-A2FF-01  1.0000000
## 2178   PIK3CA TCGA-AC-A2FF-01  0.0000000
## 2179   GATA3 TCGA-AC-A2FF-01  0.0000000
## 2180     TTN TCGA-AC-A2FF-01  0.0000000
## 2181   MUC16 TCGA-AC-A2FG-01  0.0000000
## 2182    MLL3 TCGA-AC-A2FG-01  0.0000000
## 2183  MAP3K1 TCGA-AC-A2FG-01  0.0000000
## 2184    TP53 TCGA-AC-A2FG-01  0.0000000
## 2185 CROCCP2 TCGA-AC-A2FG-01  0.0000000
## 2186    MUC4 TCGA-AC-A2FG-01  0.0000000
## 2187    CDH1 TCGA-AC-A2FG-01  1.0000000
## 2188   PIK3CA TCGA-AC-A2FG-01  0.0000000
## 2189   GATA3 TCGA-AC-A2FG-01  0.0000000
## 2190     TTN TCGA-AC-A2FG-01  1.0000000
## 2191   MUC16 TCGA-AC-A2FK-01  0.0000000
## 2192    MLL3 TCGA-AC-A2FK-01  0.0000000
## 2193  MAP3K1 TCGA-AC-A2FK-01  0.0000000
## 2194    TP53 TCGA-AC-A2FK-01  0.0000000
## 2195 CROCCP2 TCGA-AC-A2FK-01  0.0000000
## 2196    MUC4 TCGA-AC-A2FK-01  0.0000000
## 2197    CDH1 TCGA-AC-A2FK-01  0.0000000
## 2198   PIK3CA TCGA-AC-A2FK-01  0.0000000
## 2199   GATA3 TCGA-AC-A2FK-01  0.0000000
## 2200     TTN TCGA-AC-A2FK-01  0.0000000
## 2201   MUC16 TCGA-AC-A2F0-01  0.0000000
## 2202    MLL3 TCGA-AC-A2F0-01  0.0000000
## 2203  MAP3K1 TCGA-AC-A2F0-01  0.0000000
## 2204    TP53 TCGA-AC-A2F0-01  0.0000000
## 2205 CROCCP2 TCGA-AC-A2F0-01  0.0000000
## 2206    MUC4 TCGA-AC-A2F0-01  0.0000000
## 2207    CDH1 TCGA-AC-A2F0-01  1.0000000
## 2208   PIK3CA TCGA-AC-A2F0-01  1.0000000
## 2209   GATA3 TCGA-AC-A2F0-01  0.0000000
## 2210     TTN TCGA-AC-A2F0-01  0.0000000
## 2211   MUC16 TCGA-AC-A2QH-01  0.0000000
## 2212    MLL3 TCGA-AC-A2QH-01  0.0000000
## 2213  MAP3K1 TCGA-AC-A2QH-01  0.0000000
## 2214    TP53 TCGA-AC-A2QH-01  1.0000000
## 2215 CROCCP2 TCGA-AC-A2QH-01  0.0000000
```

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## 2216    MUC4 TCGA-AC-A2QH-01  0.5000000
## 2217    CDH1 TCGA-AC-A2QH-01  0.0000000
## 2218  PIK3CA TCGA-AC-A2QH-01  0.0000000
## 2219   GATA3 TCGA-AC-A2QH-01  0.0000000
## 2220     TTN TCGA-AC-A2QH-01  0.0000000
## 2221   MUC16 TCGA-AC-A2QI-01  0.0000000
## 2222    MLL3 TCGA-AC-A2QI-01  1.0000000
## 2223  MAP3K1 TCGA-AC-A2QI-01  0.0000000
## 2224    TP53 TCGA-AC-A2QI-01  0.0000000
## 2225 CROCCP2 TCGA-AC-A2QI-01  0.0000000
## 2226    MUC4 TCGA-AC-A2QI-01  0.0000000
## 2227    CDH1 TCGA-AC-A2QI-01  0.0000000
## 2228  PIK3CA TCGA-AC-A2QI-01  1.0000000
## 2229   GATA3 TCGA-AC-A2QI-01  0.0000000
## 2230     TTN TCGA-AC-A2QI-01  0.0000000
## 2231   MUC16 TCGA-AC-A2QJ-01  0.0000000
## 2232    MLL3 TCGA-AC-A2QJ-01  0.0000000
## 2233  MAP3K1 TCGA-AC-A2QJ-01  0.0000000
## 2234    TP53 TCGA-AC-A2QJ-01  0.0000000
## 2235 CROCCP2 TCGA-AC-A2QJ-01  0.0000000
## 2236    MUC4 TCGA-AC-A2QJ-01  1.0000000
## 2237    CDH1 TCGA-AC-A2QJ-01  0.0000000
## 2238  PIK3CA TCGA-AC-A2QJ-01  0.0000000
## 2239   GATA3 TCGA-AC-A2QJ-01  0.0000000
## 2240     TTN TCGA-AC-A2QJ-01  0.0000000
## 2241   MUC16 TCGA-AC-A3BB-01  0.0000000
## 2242    MLL3 TCGA-AC-A3BB-01  0.0000000
## 2243  MAP3K1 TCGA-AC-A3BB-01  0.0000000
## 2244    TP53 TCGA-AC-A3BB-01  0.0000000
## 2245 CROCCP2 TCGA-AC-A3BB-01  0.0000000
## 2246    MUC4 TCGA-AC-A3BB-01  0.0000000
## 2247    CDH1 TCGA-AC-A3BB-01  1.0000000
## 2248  PIK3CA TCGA-AC-A3BB-01  0.0000000
## 2249   GATA3 TCGA-AC-A3BB-01  0.0000000
## 2250     TTN TCGA-AC-A3BB-01  0.0000000
## 2251   MUC16 TCGA-AC-A3EH-01  0.0000000
## 2252    MLL3 TCGA-AC-A3EH-01  0.0000000
## 2253  MAP3K1 TCGA-AC-A3EH-01  0.0000000
## 2254    TP53 TCGA-AC-A3EH-01  0.0000000
## 2255 CROCCP2 TCGA-AC-A3EH-01  0.0000000
## 2256    MUC4 TCGA-AC-A3EH-01  0.0000000
## 2257    CDH1 TCGA-AC-A3EH-01  0.0000000
## 2258  PIK3CA TCGA-AC-A3EH-01  0.0000000
## 2259   GATA3 TCGA-AC-A3EH-01  0.0000000
## 2260     TTN TCGA-AC-A3EH-01  0.0000000
## 2261   MUC16 TCGA-AC-A3OD-01  0.0000000
## 2262    MLL3 TCGA-AC-A3OD-01  0.0000000
## 2263  MAP3K1 TCGA-AC-A3OD-01  0.0000000
## 2264    TP53 TCGA-AC-A3OD-01  1.0000000
## 2265 CROCCP2 TCGA-AC-A3OD-01  0.0000000
## 2266    MUC4 TCGA-AC-A3OD-01  0.0000000
## 2267    CDH1 TCGA-AC-A3OD-01  1.0000000
## 2268  PIK3CA TCGA-AC-A3OD-01  1.0000000
## 2269   GATA3 TCGA-AC-A3OD-01  0.0000000
```

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## 2270     TTN TCGA-AC-A3OD-01  0.5000000
## 2271   MUC16 TCGA-AC-A3QP-01  0.0000000
## 2272    MLL3 TCGA-AC-A3QP-01  0.0000000
## 2273   MAP3K1 TCGA-AC-A3QP-01  0.0000000
## 2274    TP53 TCGA-AC-A3QP-01  0.0000000
## 2275 CROCCP2 TCGA-AC-A3QP-01  1.0000000
## 2276    MUC4 TCGA-AC-A3QP-01  0.0000000
## 2277    CDH1 TCGA-AC-A3QP-01  0.0000000
## 2278   PIK3CA TCGA-AC-A3QP-01  0.0000000
## 2279   GATA3 TCGA-AC-A3QP-01  0.0000000
## 2280     TTN TCGA-AC-A3QP-01  0.0000000
## 2281   MUC16 TCGA-AC-A3TM-01  0.0000000
## 2282    MLL3 TCGA-AC-A3TM-01  0.0000000
## 2283   MAP3K1 TCGA-AC-A3TM-01  0.0000000
## 2284    TP53 TCGA-AC-A3TM-01  0.0000000
## 2285 CROCCP2 TCGA-AC-A3TM-01  0.0000000
## 2286    MUC4 TCGA-AC-A3TM-01  0.0000000
## 2287    CDH1 TCGA-AC-A3TM-01  1.0000000
## 2288   PIK3CA TCGA-AC-A3TM-01  1.0000000
## 2289   GATA3 TCGA-AC-A3TM-01  0.0000000
## 2290     TTN TCGA-AC-A3TM-01  0.0000000
## 2291   MUC16 TCGA-AC-A3TN-01  0.0000000
## 2292    MLL3 TCGA-AC-A3TN-01  0.0000000
## 2293   MAP3K1 TCGA-AC-A3TN-01  0.0000000
## 2294    TP53 TCGA-AC-A3TN-01  0.0000000
## 2295 CROCCP2 TCGA-AC-A3TN-01  0.0000000
## 2296    MUC4 TCGA-AC-A3TN-01  0.0000000
## 2297    CDH1 TCGA-AC-A3TN-01  1.0000000
## 2298   PIK3CA TCGA-AC-A3TN-01  1.0000000
## 2299   GATA3 TCGA-AC-A3TN-01  0.0000000
## 2300     TTN TCGA-AC-A3TN-01  0.0000000
## 2301   MUC16 TCGA-AC-A3W5-01  0.0000000
## 2302    MLL3 TCGA-AC-A3W5-01  0.0000000
## 2303   MAP3K1 TCGA-AC-A3W5-01  0.0000000
## 2304    TP53 TCGA-AC-A3W5-01  0.0000000
## 2305 CROCCP2 TCGA-AC-A3W5-01  0.0000000
## 2306    MUC4 TCGA-AC-A3W5-01  0.0000000
## 2307    CDH1 TCGA-AC-A3W5-01  0.0000000
## 2308   PIK3CA TCGA-AC-A3W5-01  0.0000000
## 2309   GATA3 TCGA-AC-A3W5-01  0.0000000
## 2310     TTN TCGA-AC-A3W5-01  1.0000000
## 2311   MUC16 TCGA-AC-A3W7-01  0.0000000
## 2312    MLL3 TCGA-AC-A3W7-01  0.0000000
## 2313   MAP3K1 TCGA-AC-A3W7-01  0.0000000
## 2314    TP53 TCGA-AC-A3W7-01  0.0000000
## 2315 CROCCP2 TCGA-AC-A3W7-01  0.0000000
## 2316    MUC4 TCGA-AC-A3W7-01  0.0000000
## 2317    CDH1 TCGA-AC-A3W7-01  1.0000000
## 2318   PIK3CA TCGA-AC-A3W7-01  1.0000000
## 2319   GATA3 TCGA-AC-A3W7-01  0.0000000
## 2320     TTN TCGA-AC-A3W7-01  0.0000000
## 2321   MUC16 TCGA-AC-A3YI-01  1.0000000
## 2322    MLL3 TCGA-AC-A3YI-01  0.0000000
## 2323   MAP3K1 TCGA-AC-A3YI-01  0.0000000
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## 2324     TP53 TCGA-AC-A3YI-01  0.0000000
## 2325 CROCCP2 TCGA-AC-A3YI-01  0.0000000
## 2326     MUC4 TCGA-AC-A3YI-01  0.0000000
## 2327     CDH1 TCGA-AC-A3YI-01  1.0000000
## 2328   PIK3CA TCGA-AC-A3YI-01  0.0000000
## 2329    GATA3 TCGA-AC-A3YI-01  0.0000000
## 2330      TTN TCGA-AC-A3YI-01  0.0000000
## 2331    MUC16 TCGA-AC-A3YJ-01  0.0000000
## 2332     MLL3 TCGA-AC-A3YJ-01  0.0000000
## 2333    MAP3K1 TCGA-AC-A3YJ-01  0.0000000
## 2334     TP53 TCGA-AC-A3YJ-01  0.0000000
## 2335 CROCCP2 TCGA-AC-A3YJ-01  0.0000000
## 2336     MUC4 TCGA-AC-A3YJ-01  0.0000000
## 2337     CDH1 TCGA-AC-A3YJ-01  0.0000000
## 2338   PIK3CA TCGA-AC-A3YJ-01  1.0000000
## 2339    GATA3 TCGA-AC-A3YJ-01  0.0000000
## 2340      TTN TCGA-AC-A3YJ-01  0.0000000
## 2341    MUC16 TCGA-AC-A5EH-01  0.0000000
## 2342     MLL3 TCGA-AC-A5EH-01  1.0000000
## 2343    MAP3K1 TCGA-AC-A5EH-01  0.0000000
## 2344     TP53 TCGA-AC-A5EH-01  1.0000000
## 2345 CROCCP2 TCGA-AC-A5EH-01  1.0000000
## 2346     MUC4 TCGA-AC-A5EH-01  0.0000000
## 2347     CDH1 TCGA-AC-A5EH-01  0.0000000
## 2348   PIK3CA TCGA-AC-A5EH-01  1.0000000
## 2349    GATA3 TCGA-AC-A5EH-01  0.0000000
## 2350      TTN TCGA-AC-A5EH-01  0.0000000
## 2351    MUC16 TCGA-AC-A5XS-01  1.0000000
## 2352     MLL3 TCGA-AC-A5XS-01  0.0000000
## 2353    MAP3K1 TCGA-AC-A5XS-01  0.0000000
## 2354     TP53 TCGA-AC-A5XS-01  0.0000000
## 2355 CROCCP2 TCGA-AC-A5XS-01  0.0000000
## 2356     MUC4 TCGA-AC-A5XS-01  0.0000000
## 2357     CDH1 TCGA-AC-A5XS-01  1.0000000
## 2358   PIK3CA TCGA-AC-A5XS-01  1.0000000
## 2359    GATA3 TCGA-AC-A5XS-01  0.0000000
## 2360      TTN TCGA-AC-A5XS-01  1.0000000
## 2361    MUC16 TCGA-AC-A5XU-01  0.0000000
## 2362     MLL3 TCGA-AC-A5XU-01  0.0000000
## 2363    MAP3K1 TCGA-AC-A5XU-01  0.0000000
## 2364     TP53 TCGA-AC-A5XU-01  1.0000000
## 2365 CROCCP2 TCGA-AC-A5XU-01  0.0000000
## 2366     MUC4 TCGA-AC-A5XU-01  0.0000000
## 2367     CDH1 TCGA-AC-A5XU-01  0.0000000
## 2368   PIK3CA TCGA-AC-A5XU-01  0.0000000
## 2369    GATA3 TCGA-AC-A5XU-01  0.0000000
## 2370      TTN TCGA-AC-A5XU-01  0.0000000
## 2371    MUC16 TCGA-AC-A62X-01  0.0000000
## 2372     MLL3 TCGA-AC-A62X-01  0.0000000
## 2373    MAP3K1 TCGA-AC-A62X-01  0.0000000
## 2374     TP53 TCGA-AC-A62X-01  1.0000000
## 2375 CROCCP2 TCGA-AC-A62X-01  0.0000000
## 2376     MUC4 TCGA-AC-A62X-01  0.0000000
## 2377     CDH1 TCGA-AC-A62X-01  0.0000000
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## 2378  PIK3CA TCGA-AC-A62X-01  0.0000000
## 2379   GATA3 TCGA-AC-A62X-01  0.0000000
## 2380     TTN TCGA-AC-A62X-01  0.0000000
## 2381   MUC16 TCGA-AC-A62Y-01  0.0000000
## 2382    MLL3 TCGA-AC-A62Y-01  0.0000000
## 2383   MAP3K1 TCGA-AC-A62Y-01  0.0000000
## 2384    TP53 TCGA-AC-A62Y-01  0.0000000
## 2385 CROCCP2 TCGA-AC-A62Y-01  0.0000000
## 2386    MUC4 TCGA-AC-A62Y-01  0.0000000
## 2387    CDH1 TCGA-AC-A62Y-01  0.0000000
## 2388  PIK3CA TCGA-AC-A62Y-01  0.0000000
## 2389   GATA3 TCGA-AC-A62Y-01  0.0000000
## 2390     TTN TCGA-AC-A62Y-01  0.0000000
## 2391   MUC16 TCGA-AN-A03X-01  0.0000000
## 2392    MLL3 TCGA-AN-A03X-01  0.0000000
## 2393   MAP3K1 TCGA-AN-A03X-01  1.0000000
## 2394    TP53 TCGA-AN-A03X-01  0.0000000
## 2395 CROCCP2 TCGA-AN-A03X-01  0.0000000
## 2396    MUC4 TCGA-AN-A03X-01  0.0000000
## 2397    CDH1 TCGA-AN-A03X-01  0.0000000
## 2398  PIK3CA TCGA-AN-A03X-01  1.0000000
## 2399   GATA3 TCGA-AN-A03X-01  0.0000000
## 2400     TTN TCGA-AN-A03X-01  0.0000000
## 2401   MUC16 TCGA-AN-A03Y-01  0.0000000
## 2402    MLL3 TCGA-AN-A03Y-01  0.0000000
## 2403   MAP3K1 TCGA-AN-A03Y-01  0.0000000
## 2404    TP53 TCGA-AN-A03Y-01  0.0000000
## 2405 CROCCP2 TCGA-AN-A03Y-01  0.0000000
## 2406    MUC4 TCGA-AN-A03Y-01  0.0000000
## 2407    CDH1 TCGA-AN-A03Y-01  1.0000000
## 2408  PIK3CA TCGA-AN-A03Y-01  1.0000000
## 2409   GATA3 TCGA-AN-A03Y-01  0.0000000
## 2410     TTN TCGA-AN-A03Y-01  0.0000000
## 2411   MUC16 TCGA-AN-A041-01  0.0000000
## 2412    MLL3 TCGA-AN-A041-01  0.0000000
## 2413   MAP3K1 TCGA-AN-A041-01  0.0000000
## 2414    TP53 TCGA-AN-A041-01  0.0000000
## 2415 CROCCP2 TCGA-AN-A041-01  0.0000000
## 2416    MUC4 TCGA-AN-A041-01  0.0000000
## 2417    CDH1 TCGA-AN-A041-01  0.0000000
## 2418  PIK3CA TCGA-AN-A041-01  0.0000000
## 2419   GATA3 TCGA-AN-A041-01  1.0000000
## 2420     TTN TCGA-AN-A041-01  0.0000000
## 2421   MUC16 TCGA-AN-A046-01  1.0000000
## 2422    MLL3 TCGA-AN-A046-01  1.0000000
## 2423   MAP3K1 TCGA-AN-A046-01  0.0000000
## 2424    TP53 TCGA-AN-A046-01  1.0000000
## 2425 CROCCP2 TCGA-AN-A046-01  0.0000000
## 2426    MUC4 TCGA-AN-A046-01  0.0000000
## 2427    CDH1 TCGA-AN-A046-01  0.0000000
## 2428  PIK3CA TCGA-AN-A046-01  1.0000000
## 2429   GATA3 TCGA-AN-A046-01  0.0000000
## 2430     TTN TCGA-AN-A046-01  1.0000000
## 2431   MUC16 TCGA-AN-A049-01  0.0000000
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## 2432    MLL3 TCGA-AN-A049-01  0.0000000
## 2433  MAP3K1 TCGA-AN-A049-01  1.0000000
## 2434    TP53 TCGA-AN-A049-01  0.0000000
## 2435 CROCCP2 TCGA-AN-A049-01  0.0000000
## 2436    MUC4 TCGA-AN-A049-01  0.0000000
## 2437    CDH1 TCGA-AN-A049-01  0.0000000
## 2438   PIK3CA TCGA-AN-A049-01  1.0000000
## 2439   GATA3 TCGA-AN-A049-01  0.0000000
## 2440     TTN TCGA-AN-A049-01  0.0000000
## 2441   MUC16 TCGA-AN-A04A-01  0.0000000
## 2442    MLL3 TCGA-AN-A04A-01  0.0000000
## 2443  MAP3K1 TCGA-AN-A04A-01  0.0000000
## 2444    TP53 TCGA-AN-A04A-01  0.0000000
## 2445 CROCCP2 TCGA-AN-A04A-01  0.0000000
## 2446    MUC4 TCGA-AN-A04A-01  0.0000000
## 2447    CDH1 TCGA-AN-A04A-01  0.0000000
## 2448  PIK3CA TCGA-AN-A04A-01  0.0000000
## 2449   GATA3 TCGA-AN-A04A-01  0.0000000
## 2450     TTN TCGA-AN-A04A-01  0.0000000
## 2451   MUC16 TCGA-AN-A04C-01  0.0000000
## 2452    MLL3 TCGA-AN-A04C-01  0.0000000
## 2453  MAP3K1 TCGA-AN-A04C-01  0.0000000
## 2454    TP53 TCGA-AN-A04C-01  0.0000000
## 2455 CROCCP2 TCGA-AN-A04C-01  0.0000000
## 2456    MUC4 TCGA-AN-A04C-01  0.0000000
## 2457    CDH1 TCGA-AN-A04C-01  0.0000000
## 2458  PIK3CA TCGA-AN-A04C-01  1.0000000
## 2459   GATA3 TCGA-AN-A04C-01  0.0000000
## 2460     TTN TCGA-AN-A04C-01  0.0000000
## 2461   MUC16 TCGA-AN-A04D-01  1.0000000
## 2462    MLL3 TCGA-AN-A04D-01  0.0000000
## 2463  MAP3K1 TCGA-AN-A04D-01  0.0000000
## 2464    TP53 TCGA-AN-A04D-01  0.0000000
## 2465 CROCCP2 TCGA-AN-A04D-01  0.0000000
## 2466    MUC4 TCGA-AN-A04D-01  0.0000000
## 2467    CDH1 TCGA-AN-A04D-01  0.0000000
## 2468  PIK3CA TCGA-AN-A04D-01  0.0000000
## 2469   GATA3 TCGA-AN-A04D-01  0.0000000
## 2470     TTN TCGA-AN-A04D-01  1.0000000
## 2471   MUC16 TCGA-AN-A0AJ-01  0.0000000
## 2472    MLL3 TCGA-AN-A0AJ-01  0.0000000
## 2473  MAP3K1 TCGA-AN-A0AJ-01  0.0000000
## 2474    TP53 TCGA-AN-A0AJ-01  1.0000000
## 2475 CROCCP2 TCGA-AN-A0AJ-01  0.0000000
## 2476    MUC4 TCGA-AN-A0AJ-01  0.0000000
## 2477    CDH1 TCGA-AN-A0AJ-01  0.0000000
## 2478  PIK3CA TCGA-AN-A0AJ-01  1.0000000
## 2479   GATA3 TCGA-AN-A0AJ-01  0.0000000
## 2480     TTN TCGA-AN-A0AJ-01  0.0000000
## 2481   MUC16 TCGA-AN-A0AK-01  0.0000000
## 2482    MLL3 TCGA-AN-A0AK-01  0.0000000
## 2483  MAP3K1 TCGA-AN-A0AK-01  0.0000000
## 2484    TP53 TCGA-AN-A0AK-01  0.0000000
## 2485 CROCCP2 TCGA-AN-A0AK-01  0.0000000
```

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## 2486    MUC4 TCGA-AN-A0AK-01  0.0000000
## 2487    CDH1 TCGA-AN-A0AK-01  1.0000000
## 2488  PIK3CA TCGA-AN-A0AK-01  1.0000000
## 2489   GATA3 TCGA-AN-A0AK-01  1.0000000
## 2490     TTN TCGA-AN-A0AK-01  1.0000000
## 2491   MUC16 TCGA-AN-A0AL-01  0.0000000
## 2492    MLL3 TCGA-AN-A0AL-01  0.0000000
## 2493   MAP3K1 TCGA-AN-A0AL-01  0.0000000
## 2494    TP53 TCGA-AN-A0AL-01  1.0000000
## 2495 CROCCP2 TCGA-AN-A0AL-01  0.0000000
## 2496    MUC4 TCGA-AN-A0AL-01  0.0000000
## 2497    CDH1 TCGA-AN-A0AL-01  0.0000000
## 2498  PIK3CA TCGA-AN-A0AL-01  0.0000000
## 2499   GATA3 TCGA-AN-A0AL-01  0.0000000
## 2500     TTN TCGA-AN-A0AL-01  1.0000000
## 2501   MUC16 TCGA-AN-A0AM-01  0.0000000
## 2502    MLL3 TCGA-AN-A0AM-01  0.0000000
## 2503   MAP3K1 TCGA-AN-A0AM-01  0.0000000
## 2504    TP53 TCGA-AN-A0AM-01  0.0000000
## 2505 CROCCP2 TCGA-AN-A0AM-01  0.0000000
## 2506    MUC4 TCGA-AN-A0AM-01  1.0000000
## 2507    CDH1 TCGA-AN-A0AM-01  0.0000000
## 2508  PIK3CA TCGA-AN-A0AM-01  0.0000000
## 2509   GATA3 TCGA-AN-A0AM-01  1.0000000
## 2510     TTN TCGA-AN-A0AM-01  0.0000000
## 2511   MUC16 TCGA-AN-A0AR-01  0.0000000
## 2512    MLL3 TCGA-AN-A0AR-01  0.0000000
## 2513   MAP3K1 TCGA-AN-A0AR-01  0.0000000
## 2514    TP53 TCGA-AN-A0AR-01  1.0000000
## 2515 CROCCP2 TCGA-AN-A0AR-01  0.0000000
## 2516    MUC4 TCGA-AN-A0AR-01  0.0000000
## 2517    CDH1 TCGA-AN-A0AR-01  0.0000000
## 2518  PIK3CA TCGA-AN-A0AR-01  0.0000000
## 2519   GATA3 TCGA-AN-A0AR-01  0.0000000
## 2520     TTN TCGA-AN-A0AR-01  0.0000000
## 2521   MUC16 TCGA-AN-A0AS-01  0.0000000
## 2522    MLL3 TCGA-AN-A0AS-01  0.0000000
## 2523   MAP3K1 TCGA-AN-A0AS-01  1.0000000
## 2524    TP53 TCGA-AN-A0AS-01  1.0000000
## 2525 CROCCP2 TCGA-AN-A0AS-01  0.0000000
## 2526    MUC4 TCGA-AN-A0AS-01  0.0000000
## 2527    CDH1 TCGA-AN-A0AS-01  0.0000000
## 2528  PIK3CA TCGA-AN-A0AS-01  0.0000000
## 2529   GATA3 TCGA-AN-A0AS-01  0.0000000
## 2530     TTN TCGA-AN-A0AS-01  1.0000000
## 2531   MUC16 TCGA-AN-A0AT-01  0.0000000
## 2532    MLL3 TCGA-AN-A0AT-01  0.0000000
## 2533   MAP3K1 TCGA-AN-A0AT-01  0.0000000
## 2534    TP53 TCGA-AN-A0AT-01  0.0000000
## 2535 CROCCP2 TCGA-AN-A0AT-01  0.0000000
## 2536    MUC4 TCGA-AN-A0AT-01  0.0000000
## 2537    CDH1 TCGA-AN-A0AT-01  0.0000000
## 2538  PIK3CA TCGA-AN-A0AT-01  0.0000000
## 2539   GATA3 TCGA-AN-A0AT-01  0.0000000
```

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## 2540     TTN TCGA-AN-A0AT-01  1.0000000
## 2541   MUC16 TCGA-AN-A0FD-01  0.0000000
## 2542    MLL3 TCGA-AN-A0FD-01  0.0000000
## 2543  MAP3K1 TCGA-AN-A0FD-01  0.0000000
## 2544    TP53 TCGA-AN-A0FD-01  0.0000000
## 2545 CROCCP2 TCGA-AN-A0FD-01  0.0000000
## 2546    MUC4 TCGA-AN-A0FD-01  0.0000000
## 2547    CDH1 TCGA-AN-A0FD-01  0.0000000
## 2548   PIK3CA TCGA-AN-A0FD-01  0.0000000
## 2549   GATA3 TCGA-AN-A0FD-01  1.0000000
## 2550     TTN TCGA-AN-A0FD-01  0.0000000
## 2551   MUC16 TCGA-AN-A0FF-01  0.0000000
## 2552    MLL3 TCGA-AN-A0FF-01  0.0000000
## 2553  MAP3K1 TCGA-AN-A0FF-01  0.0000000
## 2554    TP53 TCGA-AN-A0FF-01  0.0000000
## 2555 CROCCP2 TCGA-AN-A0FF-01  0.0000000
## 2556    MUC4 TCGA-AN-A0FF-01  0.0000000
## 2557    CDH1 TCGA-AN-A0FF-01  0.0000000
## 2558  PIK3CA TCGA-AN-A0FF-01  1.0000000
## 2559   GATA3 TCGA-AN-A0FF-01  0.0000000
## 2560     TTN TCGA-AN-A0FF-01  0.0000000
## 2561   MUC16 TCGA-AN-A0FJ-01  1.0000000
## 2562    MLL3 TCGA-AN-A0FJ-01  0.0000000
## 2563  MAP3K1 TCGA-AN-A0FJ-01  0.0000000
## 2564    TP53 TCGA-AN-A0FJ-01  1.0000000
## 2565 CROCCP2 TCGA-AN-A0FJ-01  0.0000000
## 2566    MUC4 TCGA-AN-A0FJ-01  0.0000000
## 2567    CDH1 TCGA-AN-A0FJ-01  0.0000000
## 2568  PIK3CA TCGA-AN-A0FJ-01  0.0000000
## 2569   GATA3 TCGA-AN-A0FJ-01  0.0000000
## 2570     TTN TCGA-AN-A0FJ-01  1.0000000
## 2571   MUC16 TCGA-AN-A0FL-01  0.0000000
## 2572    MLL3 TCGA-AN-A0FL-01  0.0000000
## 2573  MAP3K1 TCGA-AN-A0FL-01  0.0000000
## 2574    TP53 TCGA-AN-A0FL-01  1.0000000
## 2575 CROCCP2 TCGA-AN-A0FL-01  0.0000000
## 2576    MUC4 TCGA-AN-A0FL-01  0.0000000
## 2577    CDH1 TCGA-AN-A0FL-01  0.0000000
## 2578  PIK3CA TCGA-AN-A0FL-01  0.0000000
## 2579   GATA3 TCGA-AN-A0FL-01  0.0000000
## 2580     TTN TCGA-AN-A0FL-01  1.0000000
## 2581   MUC16 TCGA-AN-A0FN-01  0.0000000
## 2582    MLL3 TCGA-AN-A0FN-01  0.0000000
## 2583  MAP3K1 TCGA-AN-A0FN-01  0.0000000
## 2584    TP53 TCGA-AN-A0FN-01  0.0000000
## 2585 CROCCP2 TCGA-AN-A0FN-01  0.0000000
## 2586    MUC4 TCGA-AN-A0FN-01  0.0000000
## 2587    CDH1 TCGA-AN-A0FN-01  0.0000000
## 2588  PIK3CA TCGA-AN-A0FN-01  0.0000000
## 2589   GATA3 TCGA-AN-A0FN-01  0.0000000
## 2590     TTN TCGA-AN-A0FN-01  0.0000000
## 2591   MUC16 TCGA-AN-A0FS-01  0.0000000
## 2592    MLL3 TCGA-AN-A0FS-01  0.0000000
## 2593  MAP3K1 TCGA-AN-A0FS-01  0.0000000
```

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## 2594    TP53 TCGA-AN-A0FS-01  0.0000000
## 2595 CROCCP2 TCGA-AN-A0FS-01  0.0000000
## 2596    MUC4 TCGA-AN-A0FS-01  0.0000000
## 2597    CDH1 TCGA-AN-A0FS-01  0.0000000
## 2598  PIK3CA TCGA-AN-A0FS-01  1.0000000
## 2599   GATA3 TCGA-AN-A0FS-01  0.0000000
## 2600     TTN TCGA-AN-A0FS-01  0.0000000
## 2601   MUC16 TCGA-AN-A0FT-01  0.0000000
## 2602    MLL3 TCGA-AN-A0FT-01  0.0000000
## 2603   MAP3K1 TCGA-AN-A0FT-01  0.0000000
## 2604    TP53 TCGA-AN-A0FT-01  1.0000000
## 2605 CROCCP2 TCGA-AN-A0FT-01  0.0000000
## 2606    MUC4 TCGA-AN-A0FT-01  0.0000000
## 2607    CDH1 TCGA-AN-A0FT-01  0.0000000
## 2608  PIK3CA TCGA-AN-A0FT-01  0.0000000
## 2609   GATA3 TCGA-AN-A0FT-01  0.0000000
## 2610     TTN TCGA-AN-A0FT-01  0.0000000
## 2611   MUC16 TCGA-AN-A0FV-01  0.0000000
## 2612    MLL3 TCGA-AN-A0FV-01  0.0000000
## 2613   MAP3K1 TCGA-AN-A0FV-01  0.0000000
## 2614    TP53 TCGA-AN-A0FV-01  1.0000000
## 2615 CROCCP2 TCGA-AN-A0FV-01  0.0000000
## 2616    MUC4 TCGA-AN-A0FV-01  0.0000000
## 2617    CDH1 TCGA-AN-A0FV-01  0.0000000
## 2618  PIK3CA TCGA-AN-A0FV-01  0.0000000
## 2619   GATA3 TCGA-AN-A0FV-01  0.0000000
## 2620     TTN TCGA-AN-A0FV-01  0.0000000
## 2621   MUC16 TCGA-AN-A0FW-01  0.0000000
## 2622    MLL3 TCGA-AN-A0FW-01  0.0000000
## 2623   MAP3K1 TCGA-AN-A0FW-01  0.0000000
## 2624    TP53 TCGA-AN-A0FW-01  0.0000000
## 2625 CROCCP2 TCGA-AN-A0FW-01  0.0000000
## 2626    MUC4 TCGA-AN-A0FW-01  0.0000000
## 2627    CDH1 TCGA-AN-A0FW-01  0.0000000
## 2628  PIK3CA TCGA-AN-A0FW-01  0.0000000
## 2629   GATA3 TCGA-AN-A0FW-01  0.0000000
## 2630     TTN TCGA-AN-A0FW-01  0.0000000
## 2631   MUC16 TCGA-AN-A0FX-01  0.0000000
## 2632    MLL3 TCGA-AN-A0FX-01  0.0000000
## 2633   MAP3K1 TCGA-AN-A0FX-01  0.0000000
## 2634    TP53 TCGA-AN-A0FX-01  1.0000000
## 2635 CROCCP2 TCGA-AN-A0FX-01  0.0000000
## 2636    MUC4 TCGA-AN-A0FX-01  0.0000000
## 2637    CDH1 TCGA-AN-A0FX-01  0.0000000
## 2638  PIK3CA TCGA-AN-A0FX-01  0.0000000
## 2639   GATA3 TCGA-AN-A0FX-01  0.0000000
## 2640     TTN TCGA-AN-A0FX-01  0.0000000
## 2641   MUC16 TCGA-AN-A0FY-01  0.0000000
## 2642    MLL3 TCGA-AN-A0FY-01  0.0000000
## 2643   MAP3K1 TCGA-AN-A0FY-01  0.0000000
## 2644    TP53 TCGA-AN-A0FY-01  1.0000000
## 2645 CROCCP2 TCGA-AN-A0FY-01  0.0000000
## 2646    MUC4 TCGA-AN-A0FY-01  0.0000000
## 2647    CDH1 TCGA-AN-A0FY-01  0.0000000
```

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## 2648  PIK3CA TCGA-AN-A0FY-01  0.0000000
## 2649   GATA3 TCGA-AN-A0FY-01  0.0000000
## 2650     TTN TCGA-AN-A0FY-01  0.0000000
## 2651   MUC16 TCGA-AN-A0FZ-01  0.0000000
## 2652    MLL3 TCGA-AN-A0FZ-01  0.0000000
## 2653  MAP3K1 TCGA-AN-A0FZ-01  0.0000000
## 2654    TP53 TCGA-AN-A0FZ-01  0.0000000
## 2655 CROCCP2 TCGA-AN-A0FZ-01  0.0000000
## 2656    MUC4 TCGA-AN-A0FZ-01  0.0000000
## 2657    CDH1 TCGA-AN-A0FZ-01  0.0000000
## 2658  PIK3CA TCGA-AN-A0FZ-01  0.0000000
## 2659   GATA3 TCGA-AN-A0FZ-01  1.0000000
## 2660     TTN TCGA-AN-A0FZ-01  0.0000000
## 2661   MUC16 TCGA-AN-A0XL-01  0.0000000
## 2662    MLL3 TCGA-AN-A0XL-01  0.0000000
## 2663  MAP3K1 TCGA-AN-A0XL-01  0.0000000
## 2664    TP53 TCGA-AN-A0XL-01  0.0000000
## 2665 CROCCP2 TCGA-AN-A0XL-01  0.0000000
## 2666    MUC4 TCGA-AN-A0XL-01  0.0000000
## 2667    CDH1 TCGA-AN-A0XL-01  0.0000000
## 2668  PIK3CA TCGA-AN-A0XL-01  1.0000000
## 2669   GATA3 TCGA-AN-A0XL-01  0.0000000
## 2670     TTN TCGA-AN-A0XL-01  0.0000000
## 2671   MUC16 TCGA-AN-A0XN-01  0.0000000
## 2672    MLL3 TCGA-AN-A0XN-01  0.0000000
## 2673  MAP3K1 TCGA-AN-A0XN-01  0.0000000
## 2674    TP53 TCGA-AN-A0XN-01  1.0000000
## 2675 CROCCP2 TCGA-AN-A0XN-01  0.0000000
## 2676    MUC4 TCGA-AN-A0XN-01  0.0000000
## 2677    CDH1 TCGA-AN-A0XN-01  0.0000000
## 2678  PIK3CA TCGA-AN-A0XN-01  0.0000000
## 2679   GATA3 TCGA-AN-A0XN-01  0.0000000
## 2680     TTN TCGA-AN-A0XN-01  0.0000000
## 2681   MUC16 TCGA-AN-A0XO-01  0.0000000
## 2682    MLL3 TCGA-AN-A0XO-01  0.0000000
## 2683  MAP3K1 TCGA-AN-A0XO-01  0.0000000
## 2684    TP53 TCGA-AN-A0XO-01  0.0000000
## 2685 CROCCP2 TCGA-AN-A0XO-01  0.0000000
## 2686    MUC4 TCGA-AN-A0XO-01  0.0000000
## 2687    CDH1 TCGA-AN-A0XO-01  0.0000000
## 2688  PIK3CA TCGA-AN-A0XO-01  1.0000000
## 2689   GATA3 TCGA-AN-A0XO-01  0.0000000
## 2690     TTN TCGA-AN-A0XO-01  0.0000000
## 2691   MUC16 TCGA-AN-A0XP-01  0.0000000
## 2692    MLL3 TCGA-AN-A0XP-01  1.0000000
## 2693  MAP3K1 TCGA-AN-A0XP-01  0.0000000
## 2694    TP53 TCGA-AN-A0XP-01  0.0000000
## 2695 CROCCP2 TCGA-AN-A0XP-01  0.0000000
## 2696    MUC4 TCGA-AN-A0XP-01  0.0000000
## 2697    CDH1 TCGA-AN-A0XP-01  0.0000000
## 2698  PIK3CA TCGA-AN-A0XP-01  1.0000000
## 2699   GATA3 TCGA-AN-A0XP-01  0.0000000
## 2700     TTN TCGA-AN-A0XP-01  0.0000000
## 2701   MUC16 TCGA-AN-A0XR-01  0.0000000
```

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## 2702    MLL3 TCGA-AN-A0XR-01  0.0000000
## 2703  MAP3K1 TCGA-AN-A0XR-01  0.0000000
## 2704    TP53 TCGA-AN-A0XR-01  0.0000000
## 2705 CROCCP2 TCGA-AN-A0XR-01  1.0000000
## 2706    MUC4 TCGA-AN-A0XR-01  0.0000000
## 2707    CDH1 TCGA-AN-A0XR-01  0.0000000
## 2708  PIK3CA TCGA-AN-A0XR-01  0.0000000
## 2709   GATA3 TCGA-AN-A0XR-01  1.0000000
## 2710     TTN TCGA-AN-A0XR-01  0.0000000
## 2711   MUC16 TCGA-AN-A0XS-01  0.0000000
## 2712    MLL3 TCGA-AN-A0XS-01  0.0000000
## 2713  MAP3K1 TCGA-AN-A0XS-01  1.0000000
## 2714    TP53 TCGA-AN-A0XS-01  0.0000000
## 2715 CROCCP2 TCGA-AN-A0XS-01  0.0000000
## 2716    MUC4 TCGA-AN-A0XS-01  0.0000000
## 2717    CDH1 TCGA-AN-A0XS-01  0.0000000
## 2718  PIK3CA TCGA-AN-A0XS-01  1.0000000
## 2719   GATA3 TCGA-AN-A0XS-01  0.0000000
## 2720     TTN TCGA-AN-A0XS-01  0.0000000
## 2721   MUC16 TCGA-AN-A0XT-01  0.0000000
## 2722    MLL3 TCGA-AN-A0XT-01  0.0000000
## 2723  MAP3K1 TCGA-AN-A0XT-01  0.0000000
## 2724    TP53 TCGA-AN-A0XT-01  1.0000000
## 2725 CROCCP2 TCGA-AN-A0XT-01  0.0000000
## 2726    MUC4 TCGA-AN-A0XT-01  0.0000000
## 2727    CDH1 TCGA-AN-A0XT-01  0.0000000
## 2728  PIK3CA TCGA-AN-A0XT-01  0.0000000
## 2729   GATA3 TCGA-AN-A0XT-01  0.0000000
## 2730     TTN TCGA-AN-A0XT-01  0.0000000
## 2731   MUC16 TCGA-AN-A0XU-01  0.0000000
## 2732    MLL3 TCGA-AN-A0XU-01  0.0000000
## 2733  MAP3K1 TCGA-AN-A0XU-01  0.0000000
## 2734    TP53 TCGA-AN-A0XU-01  0.0000000
## 2735 CROCCP2 TCGA-AN-A0XU-01  0.0000000
## 2736    MUC4 TCGA-AN-A0XU-01  0.0000000
## 2737    CDH1 TCGA-AN-A0XU-01  0.0000000
## 2738  PIK3CA TCGA-AN-A0XU-01  0.0000000
## 2739   GATA3 TCGA-AN-A0XU-01  0.0000000
## 2740     TTN TCGA-AN-A0XU-01  0.0000000
## 2741   MUC16 TCGA-AN-A0XV-01  0.0000000
## 2742    MLL3 TCGA-AN-A0XV-01  1.0000000
## 2743  MAP3K1 TCGA-AN-A0XV-01  0.0000000
## 2744    TP53 TCGA-AN-A0XV-01  0.0000000
## 2745 CROCCP2 TCGA-AN-A0XV-01  0.0000000
## 2746    MUC4 TCGA-AN-A0XV-01  0.0000000
## 2747    CDH1 TCGA-AN-A0XV-01  0.0000000
## 2748  PIK3CA TCGA-AN-A0XV-01  0.0000000
## 2749   GATA3 TCGA-AN-A0XV-01  0.0000000
## 2750     TTN TCGA-AN-A0XV-01  0.0000000
## 2751   MUC16 TCGA-AN-A0XW-01  0.0000000
## 2752    MLL3 TCGA-AN-A0XW-01  0.0000000
## 2753  MAP3K1 TCGA-AN-A0XW-01  0.0000000
## 2754    TP53 TCGA-AN-A0XW-01  0.0000000
## 2755 CROCCP2 TCGA-AN-A0XW-01  0.0000000
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## 2756    MUC4 TCGA-AN-A0XW-01  0.0000000
## 2757    CDH1 TCGA-AN-A0XW-01  0.0000000
## 2758  PIK3CA TCGA-AN-A0XW-01  0.0000000
## 2759   GATA3 TCGA-AN-A0XW-01  0.0000000
## 2760     TTN TCGA-AN-A0XW-01  1.0000000
## 2761   MUC16 TCGA-AO-A03L-01  0.0000000
## 2762    MLL3 TCGA-AO-A03L-01  0.0000000
## 2763   MAP3K1 TCGA-AO-A03L-01  0.0000000
## 2764    TP53 TCGA-AO-A03L-01  1.0000000
## 2765 CROCCP2 TCGA-AO-A03L-01  0.0000000
## 2766    MUC4 TCGA-AO-A03L-01  0.0000000
## 2767    CDH1 TCGA-AO-A03L-01  0.0000000
## 2768  PIK3CA TCGA-AO-A03L-01  1.0000000
## 2769   GATA3 TCGA-AO-A03L-01  0.0000000
## 2770     TTN TCGA-AO-A03L-01  0.0000000
## 2771   MUC16 TCGA-AO-A03M-01  0.0000000
## 2772    MLL3 TCGA-AO-A03M-01  0.0000000
## 2773   MAP3K1 TCGA-AO-A03M-01  0.0000000
## 2774    TP53 TCGA-AO-A03M-01  0.0000000
## 2775 CROCCP2 TCGA-AO-A03M-01  0.0000000
## 2776    MUC4 TCGA-AO-A03M-01  0.0000000
## 2777    CDH1 TCGA-AO-A03M-01  0.0000000
## 2778  PIK3CA TCGA-AO-A03M-01  1.0000000
## 2779   GATA3 TCGA-AO-A03M-01  0.0000000
## 2780     TTN TCGA-AO-A03M-01  1.0000000
## 2781   MUC16 TCGA-AO-A03N-01  0.0000000
## 2782    MLL3 TCGA-AO-A03N-01  0.0000000
## 2783   MAP3K1 TCGA-AO-A03N-01  0.0000000
## 2784    TP53 TCGA-AO-A03N-01  1.0000000
## 2785 CROCCP2 TCGA-AO-A03N-01  0.0000000
## 2786    MUC4 TCGA-AO-A03N-01  0.0000000
## 2787    CDH1 TCGA-AO-A03N-01  0.0000000
## 2788  PIK3CA TCGA-AO-A03N-01  1.0000000
## 2789   GATA3 TCGA-AO-A03N-01  0.0000000
## 2790     TTN TCGA-AO-A03N-01  0.0000000
## 2791   MUC16 TCGA-AO-A03O-01  0.0000000
## 2792    MLL3 TCGA-AO-A03O-01  0.0000000
## 2793   MAP3K1 TCGA-AO-A03O-01  0.0000000
## 2794    TP53 TCGA-AO-A03O-01  1.0000000
## 2795 CROCCP2 TCGA-AO-A03O-01  0.0000000
## 2796    MUC4 TCGA-AO-A03O-01  0.0000000
## 2797    CDH1 TCGA-AO-A03O-01  0.0000000
## 2798  PIK3CA TCGA-AO-A03O-01  0.0000000
## 2799   GATA3 TCGA-AO-A03O-01  0.0000000
## 2800     TTN TCGA-AO-A03O-01  0.0000000
## 2801   MUC16 TCGA-AO-A03P-01  0.0000000
## 2802    MLL3 TCGA-AO-A03P-01  0.0000000
## 2803   MAP3K1 TCGA-AO-A03P-01  0.0000000
## 2804    TP53 TCGA-AO-A03P-01  0.0000000
## 2805 CROCCP2 TCGA-AO-A03P-01  0.0000000
## 2806    MUC4 TCGA-AO-A03P-01  0.0000000
## 2807    CDH1 TCGA-AO-A03P-01  0.0000000
## 2808  PIK3CA TCGA-AO-A03P-01  0.0000000
## 2809   GATA3 TCGA-AO-A03P-01  1.0000000
```

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## 2810    TTN TCGA-AO-A03P-01  0.0000000
## 2811  MUC16 TCGA-AO-A03R-01  0.0000000
## 2812    MLL3 TCGA-AO-A03R-01  0.0000000
## 2813  MAP3K1 TCGA-AO-A03R-01  0.0000000
## 2814    TP53 TCGA-AO-A03R-01  1.0000000
## 2815 CROCCP2 TCGA-AO-A03R-01  0.0000000
## 2816    MUC4 TCGA-AO-A03R-01  0.0000000
## 2817    CDH1 TCGA-AO-A03R-01  0.0000000
## 2818  PIK3CA TCGA-AO-A03R-01  0.0000000
## 2819   GATA3 TCGA-AO-A03R-01  0.0000000
## 2820    TTN TCGA-AO-A03R-01  0.0000000
## 2821  MUC16 TCGA-AO-A03T-01  1.0000000
## 2822    MLL3 TCGA-AO-A03T-01  0.0000000
## 2823  MAP3K1 TCGA-AO-A03T-01  0.0000000
## 2824    TP53 TCGA-AO-A03T-01  0.0000000
## 2825 CROCCP2 TCGA-AO-A03T-01  0.0000000
## 2826    MUC4 TCGA-AO-A03T-01  0.0000000
## 2827    CDH1 TCGA-AO-A03T-01  0.0000000
## 2828  PIK3CA TCGA-AO-A03T-01  0.0000000
## 2829   GATA3 TCGA-AO-A03T-01  0.0000000
## 2830    TTN TCGA-AO-A03T-01  1.0000000
## 2831  MUC16 TCGA-AO-A03U-01  0.0000000
## 2832    MLL3 TCGA-AO-A03U-01  0.0000000
## 2833  MAP3K1 TCGA-AO-A03U-01  0.0000000
## 2834    TP53 TCGA-AO-A03U-01  0.0000000
## 2835 CROCCP2 TCGA-AO-A03U-01  0.0000000
## 2836    MUC4 TCGA-AO-A03U-01  0.0000000
## 2837    CDH1 TCGA-AO-A03U-01  0.0000000
## 2838  PIK3CA TCGA-AO-A03U-01  0.0000000
## 2839   GATA3 TCGA-AO-A03U-01  0.0000000
## 2840    TTN TCGA-AO-A03U-01  0.0000000
## 2841  MUC16 TCGA-AO-A03V-01  0.0000000
## 2842    MLL3 TCGA-AO-A03V-01  0.0000000
## 2843  MAP3K1 TCGA-AO-A03V-01  0.0000000
## 2844    TP53 TCGA-AO-A03V-01  1.0000000
## 2845 CROCCP2 TCGA-AO-A03V-01  0.0000000
## 2846    MUC4 TCGA-AO-A03V-01  0.0000000
## 2847    CDH1 TCGA-AO-A03V-01  0.0000000
## 2848  PIK3CA TCGA-AO-A03V-01  0.0000000
## 2849   GATA3 TCGA-AO-A03V-01  0.0000000
## 2850    TTN TCGA-AO-A03V-01  1.0000000
## 2851  MUC16 TCGA-AO-A0J2-01  0.0000000
## 2852    MLL3 TCGA-AO-A0J2-01  0.0000000
## 2853  MAP3K1 TCGA-AO-A0J2-01  0.0000000
## 2854    TP53 TCGA-AO-A0J2-01  1.0000000
## 2855 CROCCP2 TCGA-AO-A0J2-01  0.0000000
## 2856    MUC4 TCGA-AO-A0J2-01  0.0000000
## 2857    CDH1 TCGA-AO-A0J2-01  0.0000000
## 2858  PIK3CA TCGA-AO-A0J2-01  0.0000000
## 2859   GATA3 TCGA-AO-A0J2-01  0.0000000
## 2860    TTN TCGA-AO-A0J2-01  0.0000000
## 2861  MUC16 TCGA-AO-A0J3-01  0.0000000
## 2862    MLL3 TCGA-AO-A0J3-01  0.0000000
## 2863  MAP3K1 TCGA-AO-A0J3-01  0.0000000
```

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## 2864     TP53 TCGA-A0-A0J3-01  0.0000000
## 2865 CROCCP2 TCGA-A0-A0J3-01  0.0000000
## 2866    MUC4 TCGA-A0-A0J3-01  0.0000000
## 2867    CDH1 TCGA-A0-A0J3-01  0.0000000
## 2868  PIK3CA TCGA-A0-A0J3-01  0.0000000
## 2869   GATA3 TCGA-A0-A0J3-01  1.0000000
## 2870     TTN TCGA-A0-A0J3-01  1.0000000
## 2871   MUC16 TCGA-A0-A0J4-01  0.0000000
## 2872    MLL3 TCGA-A0-A0J4-01  0.0000000
## 2873   MAP3K1 TCGA-A0-A0J4-01  0.0000000
## 2874     TP53 TCGA-A0-A0J4-01  0.0000000
## 2875 CROCCP2 TCGA-A0-A0J4-01  0.0000000
## 2876    MUC4 TCGA-A0-A0J4-01  0.0000000
## 2877    CDH1 TCGA-A0-A0J4-01  0.0000000
## 2878  PIK3CA TCGA-A0-A0J4-01  0.0000000
## 2879   GATA3 TCGA-A0-A0J4-01  0.0000000
## 2880     TTN TCGA-A0-A0J4-01  1.0000000
## 2881   MUC16 TCGA-A0-A0J5-01  0.0000000
## 2882    MLL3 TCGA-A0-A0J5-01  0.0000000
## 2883   MAP3K1 TCGA-A0-A0J5-01  0.0000000
## 2884     TP53 TCGA-A0-A0J5-01  0.0000000
## 2885 CROCCP2 TCGA-A0-A0J5-01  0.0000000
## 2886    MUC4 TCGA-A0-A0J5-01  0.0000000
## 2887    CDH1 TCGA-A0-A0J5-01  0.0000000
## 2888  PIK3CA TCGA-A0-A0J5-01  1.0000000
## 2889   GATA3 TCGA-A0-A0J5-01  0.0000000
## 2890     TTN TCGA-A0-A0J5-01  0.0000000
## 2891   MUC16 TCGA-A0-A0J6-01  0.0000000
## 2892    MLL3 TCGA-A0-A0J6-01  0.0000000
## 2893   MAP3K1 TCGA-A0-A0J6-01  0.0000000
## 2894     TP53 TCGA-A0-A0J6-01  1.0000000
## 2895 CROCCP2 TCGA-A0-A0J6-01  0.0000000
## 2896    MUC4 TCGA-A0-A0J6-01  0.0000000
## 2897    CDH1 TCGA-A0-A0J6-01  0.0000000
## 2898  PIK3CA TCGA-A0-A0J6-01  0.0000000
## 2899   GATA3 TCGA-A0-A0J6-01  0.0000000
## 2900     TTN TCGA-A0-A0J6-01  1.0000000
## 2901   MUC16 TCGA-A0-A0J7-01  0.0000000
## 2902    MLL3 TCGA-A0-A0J7-01  0.0000000
## 2903   MAP3K1 TCGA-A0-A0J7-01  1.0000000
## 2904     TP53 TCGA-A0-A0J7-01  0.0000000
## 2905 CROCCP2 TCGA-A0-A0J7-01  0.0000000
## 2906    MUC4 TCGA-A0-A0J7-01  0.0000000
## 2907    CDH1 TCGA-A0-A0J7-01  0.0000000
## 2908  PIK3CA TCGA-A0-A0J7-01  1.0000000
## 2909   GATA3 TCGA-A0-A0J7-01  0.0000000
## 2910     TTN TCGA-A0-A0J7-01  0.0000000
## 2911   MUC16 TCGA-A0-A0J8-01  0.0000000
## 2912    MLL3 TCGA-A0-A0J8-01  0.0000000
## 2913   MAP3K1 TCGA-A0-A0J8-01  0.0000000
## 2914     TP53 TCGA-A0-A0J8-01  0.0000000
## 2915 CROCCP2 TCGA-A0-A0J8-01  0.0000000
## 2916    MUC4 TCGA-A0-A0J8-01  1.0000000
## 2917    CDH1 TCGA-A0-A0J8-01  1.0000000
```

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## 2918  PIK3CA TCGA-AO-A0J8-01  0.0000000
## 2919   GATA3 TCGA-AO-A0J8-01  0.0000000
## 2920     TTN TCGA-AO-A0J8-01  0.0000000
## 2921   MUC16 TCGA-AO-A0J9-01  0.0000000
## 2922    MLL3 TCGA-AO-A0J9-01  0.0000000
## 2923   MAP3K1 TCGA-AO-A0J9-01  0.0000000
## 2924    TP53 TCGA-AO-A0J9-01  0.0000000
## 2925 CROCCP2 TCGA-AO-A0J9-01  0.0000000
## 2926    MUC4 TCGA-AO-A0J9-01  0.0000000
## 2927    CDH1 TCGA-AO-A0J9-01  1.0000000
## 2928  PIK3CA TCGA-AO-A0J9-01  0.0000000
## 2929   GATA3 TCGA-AO-A0J9-01  0.0000000
## 2930     TTN TCGA-AO-A0J9-01  0.0000000
## 2931   MUC16 TCGA-AO-A0JA-01  0.0000000
## 2932    MLL3 TCGA-AO-A0JA-01  0.0000000
## 2933   MAP3K1 TCGA-AO-A0JA-01  0.0000000
## 2934    TP53 TCGA-AO-A0JA-01  0.0000000
## 2935 CROCCP2 TCGA-AO-A0JA-01  0.0000000
## 2936    MUC4 TCGA-AO-A0JA-01  0.0000000
## 2937    CDH1 TCGA-AO-A0JA-01  0.0000000
## 2938  PIK3CA TCGA-AO-A0JA-01  1.0000000
## 2939   GATA3 TCGA-AO-A0JA-01  0.0000000
## 2940     TTN TCGA-AO-A0JA-01  0.0000000
## 2941   MUC16 TCGA-AO-A0JB-01  0.0000000
## 2942    MLL3 TCGA-AO-A0JB-01  0.0000000
## 2943   MAP3K1 TCGA-AO-A0JB-01  0.0000000
## 2944    TP53 TCGA-AO-A0JB-01  1.0000000
## 2945 CROCCP2 TCGA-AO-A0JB-01  0.0000000
## 2946    MUC4 TCGA-AO-A0JB-01  0.0000000
## 2947    CDH1 TCGA-AO-A0JB-01  0.0000000
## 2948  PIK3CA TCGA-AO-A0JB-01  0.0000000
## 2949   GATA3 TCGA-AO-A0JB-01  0.0000000
## 2950     TTN TCGA-AO-A0JB-01  0.0000000
## 2951   MUC16 TCGA-AO-A0JC-01  0.0000000
## 2952    MLL3 TCGA-AO-A0JC-01  0.0000000
## 2953   MAP3K1 TCGA-AO-A0JC-01  0.0000000
## 2954    TP53 TCGA-AO-A0JC-01  0.0000000
## 2955 CROCCP2 TCGA-AO-A0JC-01  0.0000000
## 2956    MUC4 TCGA-AO-A0JC-01  0.0000000
## 2957    CDH1 TCGA-AO-A0JC-01  0.0000000
## 2958  PIK3CA TCGA-AO-A0JC-01  0.0000000
## 2959   GATA3 TCGA-AO-A0JC-01  0.0000000
## 2960     TTN TCGA-AO-A0JC-01  0.0000000
## 2961   MUC16 TCGA-AO-A0JD-01  0.0000000
## 2962    MLL3 TCGA-AO-A0JD-01  0.0000000
## 2963   MAP3K1 TCGA-AO-A0JD-01  0.0000000
## 2964    TP53 TCGA-AO-A0JD-01  1.0000000
## 2965 CROCCP2 TCGA-AO-A0JD-01  0.0000000
## 2966    MUC4 TCGA-AO-A0JD-01  0.0000000
## 2967    CDH1 TCGA-AO-A0JD-01  0.0000000
## 2968  PIK3CA TCGA-AO-A0JD-01  0.0000000
## 2969   GATA3 TCGA-AO-A0JD-01  0.0000000
## 2970     TTN TCGA-AO-A0JD-01  0.0000000
## 2971   MUC16 TCGA-AO-A0JE-01  0.0000000
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## 2972    MLL3 TCGA-AO-AOJE-01  1.0000000
## 2973  MAP3K1 TCGA-AO-AOJE-01  0.0000000
## 2974    TP53 TCGA-AO-AOJE-01  0.0000000
## 2975 CROCCP2 TCGA-AO-AOJE-01  0.0000000
## 2976    MUC4 TCGA-AO-AOJE-01  0.0000000
## 2977    CDH1 TCGA-AO-AOJE-01  0.0000000
## 2978   PIK3CA TCGA-AO-AOJE-01  0.0000000
## 2979   GATA3 TCGA-AO-AOJE-01  0.0000000
## 2980     TTN TCGA-AO-AOJE-01  1.0000000
## 2981   MUC16 TCGA-AO-AOJF-01  0.0000000
## 2982    MLL3 TCGA-AO-AOJF-01  1.0000000
## 2983  MAP3K1 TCGA-AO-AOJF-01  0.0000000
## 2984    TP53 TCGA-AO-AOJF-01  0.0000000
## 2985 CROCCP2 TCGA-AO-AOJF-01  0.0000000
## 2986    MUC4 TCGA-AO-AOJF-01  0.0000000
## 2987    CDH1 TCGA-AO-AOJF-01  0.0000000
## 2988   PIK3CA TCGA-AO-AOJF-01  1.0000000
## 2989   GATA3 TCGA-AO-AOJF-01  0.0000000
## 2990     TTN TCGA-AO-AOJF-01  0.0000000
## 2991   MUC16 TCGA-AO-AOJI-01  0.0000000
## 2992    MLL3 TCGA-AO-AOJI-01  0.0000000
## 2993  MAP3K1 TCGA-AO-AOJI-01  0.0000000
## 2994    TP53 TCGA-AO-AOJI-01  0.0000000
## 2995 CROCCP2 TCGA-AO-AOJI-01  0.0000000
## 2996    MUC4 TCGA-AO-AOJI-01  0.0000000
## 2997    CDH1 TCGA-AO-AOJI-01  0.0000000
## 2998   PIK3CA TCGA-AO-AOJI-01  0.0000000
## 2999   GATA3 TCGA-AO-AOJI-01  0.0000000
## 3000     TTN TCGA-AO-AOJI-01  0.0000000
## 3001   MUC16 TCGA-AO-AOJJ-01  0.0000000
## 3002    MLL3 TCGA-AO-AOJJ-01  0.0000000
## 3003  MAP3K1 TCGA-AO-AOJJ-01  0.0000000
## 3004    TP53 TCGA-AO-AOJJ-01  0.0000000
## 3005 CROCCP2 TCGA-AO-AOJJ-01  0.0000000
## 3006    MUC4 TCGA-AO-AOJJ-01  0.0000000
## 3007    CDH1 TCGA-AO-AOJJ-01  0.0000000
## 3008   PIK3CA TCGA-AO-AOJJ-01  0.0000000
## 3009   GATA3 TCGA-AO-AOJJ-01  0.0000000
## 3010     TTN TCGA-AO-AOJJ-01  0.0000000
## 3011   MUC16 TCGA-AO-AOJL-01  0.0000000
## 3012    MLL3 TCGA-AO-AOJL-01  0.0000000
## 3013  MAP3K1 TCGA-AO-AOJL-01  0.0000000
## 3014    TP53 TCGA-AO-AOJL-01  1.0000000
## 3015 CROCCP2 TCGA-AO-AOJL-01  0.0000000
## 3016    MUC4 TCGA-AO-AOJL-01  0.0000000
## 3017    CDH1 TCGA-AO-AOJL-01  0.0000000
## 3018   PIK3CA TCGA-AO-AOJL-01  0.0000000
## 3019   GATA3 TCGA-AO-AOJL-01  0.0000000
## 3020     TTN TCGA-AO-AOJL-01  0.0000000
## 3021   MUC16 TCGA-AO-AOJM-01  0.0000000
## 3022    MLL3 TCGA-AO-AOJM-01  0.0000000
## 3023  MAP3K1 TCGA-AO-AOJM-01  0.0000000
## 3024    TP53 TCGA-AO-AOJM-01  0.0000000
## 3025 CROCCP2 TCGA-AO-AOJM-01  0.0000000
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## 3026    MUC4 TCGA-AO-A0JM-01  0.0000000
## 3027    CDH1 TCGA-AO-A0JM-01  0.0000000
## 3028  PIK3CA TCGA-AO-A0JM-01  0.0000000
## 3029   GATA3 TCGA-AO-A0JM-01  0.0000000
## 3030     TTN TCGA-AO-A0JM-01  0.0000000
## 3031   MUC16 TCGA-AO-A124-01  1.0000000
## 3032    MLL3 TCGA-AO-A124-01  0.0000000
## 3033  MAP3K1 TCGA-AO-A124-01  0.0000000
## 3034    TP53 TCGA-AO-A124-01  1.0000000
## 3035 CROCCP2 TCGA-AO-A124-01  0.0000000
## 3036    MUC4 TCGA-AO-A124-01  0.0000000
## 3037    CDH1 TCGA-AO-A124-01  0.0000000
## 3038  PIK3CA TCGA-AO-A124-01  0.0000000
## 3039   GATA3 TCGA-AO-A124-01  0.0000000
## 3040     TTN TCGA-AO-A124-01  0.0000000
## 3041   MUC16 TCGA-AO-A125-01  0.0000000
## 3042    MLL3 TCGA-AO-A125-01  1.0000000
## 3043  MAP3K1 TCGA-AO-A125-01  0.0000000
## 3044    TP53 TCGA-AO-A125-01  0.0000000
## 3045 CROCCP2 TCGA-AO-A125-01  1.0000000
## 3046    MUC4 TCGA-AO-A125-01  0.0000000
## 3047    CDH1 TCGA-AO-A125-01  0.0000000
## 3048  PIK3CA TCGA-AO-A125-01  1.0000000
## 3049   GATA3 TCGA-AO-A125-01  0.0000000
## 3050     TTN TCGA-AO-A125-01  1.0000000
## 3051   MUC16 TCGA-AO-A126-01  0.0000000
## 3052    MLL3 TCGA-AO-A126-01  0.0000000
## 3053  MAP3K1 TCGA-AO-A126-01  0.0000000
## 3054    TP53 TCGA-AO-A126-01  0.0000000
## 3055 CROCCP2 TCGA-AO-A126-01  0.0000000
## 3056    MUC4 TCGA-AO-A126-01  0.0000000
## 3057    CDH1 TCGA-AO-A126-01  0.0000000
## 3058  PIK3CA TCGA-AO-A126-01  1.0000000
## 3059   GATA3 TCGA-AO-A126-01  0.0000000
## 3060     TTN TCGA-AO-A126-01  0.0000000
## 3061   MUC16 TCGA-AO-A128-01  1.0000000
## 3062    MLL3 TCGA-AO-A128-01  1.0000000
## 3063  MAP3K1 TCGA-AO-A128-01  0.0000000
## 3064    TP53 TCGA-AO-A128-01  1.0000000
## 3065 CROCCP2 TCGA-AO-A128-01  0.0000000
## 3066    MUC4 TCGA-AO-A128-01  1.0000000
## 3067    CDH1 TCGA-AO-A128-01  1.0000000
## 3068  PIK3CA TCGA-AO-A128-01  0.0000000
## 3069   GATA3 TCGA-AO-A128-01  0.0000000
## 3070     TTN TCGA-AO-A128-01  1.0000000
## 3071   MUC16 TCGA-AO-A129-01  0.0000000
## 3072    MLL3 TCGA-AO-A129-01  0.0000000
## 3073  MAP3K1 TCGA-AO-A129-01  0.0000000
## 3074    TP53 TCGA-AO-A129-01  1.0000000
## 3075 CROCCP2 TCGA-AO-A129-01  0.0000000
## 3076    MUC4 TCGA-AO-A129-01  0.0000000
## 3077    CDH1 TCGA-AO-A129-01  0.0000000
## 3078  PIK3CA TCGA-AO-A129-01  0.0000000
## 3079   GATA3 TCGA-AO-A129-01  0.0000000
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## 3080     TTN TCGA-AO-A129-01  0.0000000
## 3081   MUC16 TCGA-AO-A12A-01  0.0000000
## 3082    MLL3 TCGA-AO-A12A-01  0.0000000
## 3083  MAP3K1 TCGA-AO-A12A-01  0.0000000
## 3084    TP53 TCGA-AO-A12A-01  0.0000000
## 3085 CROCCP2 TCGA-AO-A12A-01  0.0000000
## 3086    MUC4 TCGA-AO-A12A-01  0.0000000
## 3087    CDH1 TCGA-AO-A12A-01  0.0000000
## 3088  PIK3CA TCGA-AO-A12A-01  1.0000000
## 3089   GATA3 TCGA-AO-A12A-01  1.0000000
## 3090     TTN TCGA-AO-A12A-01  0.0000000
## 3091   MUC16 TCGA-AO-A12B-01  0.0000000
## 3092    MLL3 TCGA-AO-A12B-01  0.0000000
## 3093  MAP3K1 TCGA-AO-A12B-01  0.0000000
## 3094    TP53 TCGA-AO-A12B-01  0.0000000
## 3095 CROCCP2 TCGA-AO-A12B-01  0.0000000
## 3096    MUC4 TCGA-AO-A12B-01  0.0000000
## 3097    CDH1 TCGA-AO-A12B-01  0.0000000
## 3098  PIK3CA TCGA-AO-A12B-01  0.0000000
## 3099   GATA3 TCGA-AO-A12B-01  0.0000000
## 3100     TTN TCGA-AO-A12B-01  0.0000000
## 3101   MUC16 TCGA-AO-A12D-01  0.0000000
## 3102    MLL3 TCGA-AO-A12D-01  0.0000000
## 3103  MAP3K1 TCGA-AO-A12D-01  0.0000000
## 3104    TP53 TCGA-AO-A12D-01  1.0000000
## 3105 CROCCP2 TCGA-AO-A12D-01  0.0000000
## 3106    MUC4 TCGA-AO-A12D-01  0.0000000
## 3107    CDH1 TCGA-AO-A12D-01  0.0000000
## 3108  PIK3CA TCGA-AO-A12D-01  0.0000000
## 3109   GATA3 TCGA-AO-A12D-01  0.0000000
## 3110     TTN TCGA-AO-A12D-01  0.0000000
## 3111   MUC16 TCGA-AO-A12E-01  0.0000000
## 3112    MLL3 TCGA-AO-A12E-01  0.0000000
## 3113  MAP3K1 TCGA-AO-A12E-01  0.0000000
## 3114    TP53 TCGA-AO-A12E-01  0.0000000
## 3115 CROCCP2 TCGA-AO-A12E-01  1.0000000
## 3116    MUC4 TCGA-AO-A12E-01  1.0000000
## 3117    CDH1 TCGA-AO-A12E-01  0.0000000
## 3118  PIK3CA TCGA-AO-A12E-01  0.0000000
## 3119   GATA3 TCGA-AO-A12E-01  0.0000000
## 3120     TTN TCGA-AO-A12E-01  1.0000000
## 3121   MUC16 TCGA-AO-A12F-01  0.0000000
## 3122    MLL3 TCGA-AO-A12F-01  0.0000000
## 3123  MAP3K1 TCGA-AO-A12F-01  0.0000000
## 3124    TP53 TCGA-AO-A12F-01  0.0000000
## 3125 CROCCP2 TCGA-AO-A12F-01  0.0000000
## 3126    MUC4 TCGA-AO-A12F-01  0.0000000
## 3127    CDH1 TCGA-AO-A12F-01  0.0000000
## 3128  PIK3CA TCGA-AO-A12F-01  0.0000000
## 3129   GATA3 TCGA-AO-A12F-01  0.0000000
## 3130     TTN TCGA-AO-A12F-01  0.0000000
## 3131   MUC16 TCGA-AO-A12G-01  0.0000000
## 3132    MLL3 TCGA-AO-A12G-01  0.0000000
## 3133  MAP3K1 TCGA-AO-A12G-01  0.0000000
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## 3134     TP53 TCGA-AO-A12G-01  0.0000000
## 3135 CROCCP2 TCGA-AO-A12G-01  0.0000000
## 3136     MUC4 TCGA-AO-A12G-01  1.0000000
## 3137     CDH1 TCGA-AO-A12G-01  0.0000000
## 3138  PIK3CA TCGA-AO-A12G-01  0.0000000
## 3139   GATA3 TCGA-AO-A12G-01  0.0000000
## 3140      TTN TCGA-AO-A12G-01  0.0000000
## 3141   MUC16 TCGA-AO-A12H-01  0.0000000
## 3142    MLL3 TCGA-AO-A12H-01  0.0000000
## 3143  MAP3K1 TCGA-AO-A12H-01  0.0000000
## 3144     TP53 TCGA-AO-A12H-01  0.0000000
## 3145 CROCCP2 TCGA-AO-A12H-01  1.0000000
## 3146     MUC4 TCGA-AO-A12H-01  0.0000000
## 3147     CDH1 TCGA-AO-A12H-01  0.0000000
## 3148  PIK3CA TCGA-AO-A12H-01  0.0000000
## 3149   GATA3 TCGA-AO-A12H-01  0.0000000
## 3150      TTN TCGA-AO-A12H-01  0.0000000
## 3151   MUC16 TCGA-AO-A1KO-01  0.0000000
## 3152    MLL3 TCGA-AO-A1KO-01  0.0000000
## 3153  MAP3K1 TCGA-AO-A1KO-01  0.0000000
## 3154     TP53 TCGA-AO-A1KO-01  0.0000000
## 3155 CROCCP2 TCGA-AO-A1KO-01  0.0000000
## 3156     MUC4 TCGA-AO-A1KO-01  0.0000000
## 3157     CDH1 TCGA-AO-A1KO-01  0.0000000
## 3158  PIK3CA TCGA-AO-A1KO-01  0.0000000
## 3159   GATA3 TCGA-AO-A1KO-01  0.0000000
## 3160      TTN TCGA-AO-A1KO-01  0.0000000
## 3161   MUC16 TCGA-AO-A1KP-01  0.0000000
## 3162    MLL3 TCGA-AO-A1KP-01  0.0000000
## 3163  MAP3K1 TCGA-AO-A1KP-01  0.0000000
## 3164     TP53 TCGA-AO-A1KP-01  0.0000000
## 3165 CROCCP2 TCGA-AO-A1KP-01  1.0000000
## 3166     MUC4 TCGA-AO-A1KP-01  1.0000000
## 3167     CDH1 TCGA-AO-A1KP-01  0.0000000
## 3168  PIK3CA TCGA-AO-A1KP-01  0.0000000
## 3169   GATA3 TCGA-AO-A1KP-01  0.0000000
## 3170      TTN TCGA-AO-A1KP-01  0.0000000
## 3171   MUC16 TCGA-AO-A1KR-01  0.0000000
## 3172    MLL3 TCGA-AO-A1KR-01  0.0000000
## 3173  MAP3K1 TCGA-AO-A1KR-01  0.0000000
## 3174     TP53 TCGA-AO-A1KR-01  0.0000000
## 3175 CROCCP2 TCGA-AO-A1KR-01  0.0000000
## 3176     MUC4 TCGA-AO-A1KR-01  0.0000000
## 3177     CDH1 TCGA-AO-A1KR-01  0.0000000
## 3178  PIK3CA TCGA-AO-A1KR-01  1.0000000
## 3179   GATA3 TCGA-AO-A1KR-01  0.0000000
## 3180      TTN TCGA-AO-A1KR-01  0.0000000
## 3181   MUC16 TCGA-AO-A1KS-01  0.0000000
## 3182    MLL3 TCGA-AO-A1KS-01  0.0000000
## 3183  MAP3K1 TCGA-AO-A1KS-01  0.0000000
## 3184     TP53 TCGA-AO-A1KS-01  0.0000000
## 3185 CROCCP2 TCGA-AO-A1KS-01  0.0000000
## 3186     MUC4 TCGA-AO-A1KS-01  0.0000000
## 3187     CDH1 TCGA-AO-A1KS-01  0.0000000
```

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## 3188  PIK3CA TCGA-AO-A1KS-01  0.0000000
## 3189   GATA3 TCGA-AO-A1KS-01  0.0000000
## 3190     TTN TCGA-AO-A1KS-01  0.0000000
## 3191   MUC16 TCGA-AO-A1KT-01  0.0000000
## 3192    MLL3 TCGA-AO-A1KT-01  0.0000000
## 3193  MAP3K1 TCGA-AO-A1KT-01  0.0000000
## 3194    TP53 TCGA-AO-A1KT-01  0.0000000
## 3195 CROCCP2 TCGA-AO-A1KT-01  0.0000000
## 3196    MUC4 TCGA-AO-A1KT-01  0.0000000
## 3197    CDH1 TCGA-AO-A1KT-01  0.0000000
## 3198  PIK3CA TCGA-AO-A1KT-01  0.0000000
## 3199   GATA3 TCGA-AO-A1KT-01  0.0000000
## 3200     TTN TCGA-AO-A1KT-01  0.0000000
## 3201   MUC16 TCGA-AQ-A04H-01  0.0000000
## 3202    MLL3 TCGA-AQ-A04H-01  0.0000000
## 3203  MAP3K1 TCGA-AQ-A04H-01  0.0000000
## 3204    TP53 TCGA-AQ-A04H-01  1.0000000
## 3205 CROCCP2 TCGA-AQ-A04H-01  0.0000000
## 3206    MUC4 TCGA-AQ-A04H-01  0.0000000
## 3207    CDH1 TCGA-AQ-A04H-01  0.0000000
## 3208  PIK3CA TCGA-AQ-A04H-01  0.0000000
## 3209   GATA3 TCGA-AQ-A04H-01  0.0000000
## 3210     TTN TCGA-AQ-A04H-01  0.0000000
## 3211   MUC16 TCGA-AQ-A04J-01  0.0000000
## 3212    MLL3 TCGA-AQ-A04J-01  0.0000000
## 3213  MAP3K1 TCGA-AQ-A04J-01  0.0000000
## 3214    TP53 TCGA-AQ-A04J-01  1.0000000
## 3215 CROCCP2 TCGA-AQ-A04J-01  0.0000000
## 3216    MUC4 TCGA-AQ-A04J-01  0.0000000
## 3217    CDH1 TCGA-AQ-A04J-01  0.0000000
## 3218  PIK3CA TCGA-AQ-A04J-01  0.0000000
## 3219   GATA3 TCGA-AQ-A04J-01  0.0000000
## 3220     TTN TCGA-AQ-A04J-01  0.0000000
## 3221   MUC16 TCGA-AQ-A04L-01  0.0000000
## 3222    MLL3 TCGA-AQ-A04L-01  0.0000000
## 3223  MAP3K1 TCGA-AQ-A04L-01  0.0000000
## 3224    TP53 TCGA-AQ-A04L-01  1.0000000
## 3225 CROCCP2 TCGA-AQ-A04L-01  0.0000000
## 3226    MUC4 TCGA-AQ-A04L-01  0.0000000
## 3227    CDH1 TCGA-AQ-A04L-01  0.0000000
## 3228  PIK3CA TCGA-AQ-A04L-01  0.0000000
## 3229   GATA3 TCGA-AQ-A04L-01  0.0000000
## 3230     TTN TCGA-AQ-A04L-01  0.0000000
## 3231   MUC16 TCGA-AQ-A0Y5-01  0.0000000
## 3232    MLL3 TCGA-AQ-A0Y5-01  0.0000000
## 3233  MAP3K1 TCGA-AQ-A0Y5-01  0.0000000
## 3234    TP53 TCGA-AQ-A0Y5-01  0.0000000
## 3235 CROCCP2 TCGA-AQ-A0Y5-01  0.0000000
## 3236    MUC4 TCGA-AQ-A0Y5-01  0.0000000
## 3237    CDH1 TCGA-AQ-A0Y5-01  0.0000000
## 3238  PIK3CA TCGA-AQ-A0Y5-01  1.0000000
## 3239   GATA3 TCGA-AQ-A0Y5-01  0.0000000
## 3240     TTN TCGA-AQ-A0Y5-01  0.0000000
## 3241   MUC16 TCGA-AQ-A1H3-01  0.0000000
```

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## 3242    MLL3 TCGA-AQ-A1H3-01  0.0000000
## 3243  MAP3K1 TCGA-AQ-A1H3-01  0.0000000
## 3244    TP53 TCGA-AQ-A1H3-01  0.0000000
## 3245 CROCCP2 TCGA-AQ-A1H3-01  1.0000000
## 3246    MUC4 TCGA-AQ-A1H3-01  0.0000000
## 3247    CDH1 TCGA-AQ-A1H3-01  0.0000000
## 3248   PIK3CA TCGA-AQ-A1H3-01  0.0000000
## 3249   GATA3 TCGA-AQ-A1H3-01  0.0000000
## 3250     TTN TCGA-AQ-A1H3-01  0.0000000
## 3251   MUC16 TCGA-AQ-A54N-01  0.0000000
## 3252    MLL3 TCGA-AQ-A54N-01  0.0000000
## 3253  MAP3K1 TCGA-AQ-A54N-01  0.0000000
## 3254    TP53 TCGA-AQ-A54N-01  1.0000000
## 3255 CROCCP2 TCGA-AQ-A54N-01  0.0000000
## 3256    MUC4 TCGA-AQ-A54N-01  0.0000000
## 3257    CDH1 TCGA-AQ-A54N-01  0.0000000
## 3258   PIK3CA TCGA-AQ-A54N-01  0.0000000
## 3259   GATA3 TCGA-AQ-A54N-01  0.0000000
## 3260     TTN TCGA-AQ-A54N-01  0.0000000
## 3261   MUC16 TCGA-AQ-A54O-01  0.0000000
## 3262    MLL3 TCGA-AQ-A54O-01  0.0000000
## 3263  MAP3K1 TCGA-AQ-A54O-01  0.0000000
## 3264    TP53 TCGA-AQ-A54O-01  0.0000000
## 3265 CROCCP2 TCGA-AQ-A54O-01  0.0000000
## 3266    MUC4 TCGA-AQ-A54O-01  0.0000000
## 3267    CDH1 TCGA-AQ-A54O-01  0.0000000
## 3268   PIK3CA TCGA-AQ-A54O-01  1.0000000
## 3269   GATA3 TCGA-AQ-A54O-01  0.0000000
## 3270     TTN TCGA-AQ-A54O-01  0.0000000
## 3271   MUC16 TCGA-AR-A0TS-01  0.0000000
## 3272    MLL3 TCGA-AR-A0TS-01  0.0000000
## 3273  MAP3K1 TCGA-AR-A0TS-01  0.0000000
## 3274    TP53 TCGA-AR-A0TS-01  1.0000000
## 3275 CROCCP2 TCGA-AR-A0TS-01  0.0000000
## 3276    MUC4 TCGA-AR-A0TS-01  0.0000000
## 3277    CDH1 TCGA-AR-A0TS-01  0.0000000
## 3278   PIK3CA TCGA-AR-A0TS-01  0.0000000
## 3279   GATA3 TCGA-AR-A0TS-01  0.0000000
## 3280     TTN TCGA-AR-A0TS-01  0.0000000
## 3281   MUC16 TCGA-AR-A0TX-01  1.0000000
## 3282    MLL3 TCGA-AR-A0TX-01  1.0000000
## 3283  MAP3K1 TCGA-AR-A0TX-01  0.0000000
## 3284    TP53 TCGA-AR-A0TX-01  1.0000000
## 3285 CROCCP2 TCGA-AR-A0TX-01  1.0000000
## 3286    MUC4 TCGA-AR-A0TX-01  1.0000000
## 3287    CDH1 TCGA-AR-A0TX-01  0.0000000
## 3288   PIK3CA TCGA-AR-A0TX-01  0.0000000
## 3289   GATA3 TCGA-AR-A0TX-01  0.0000000
## 3290     TTN TCGA-AR-A0TX-01  1.0000000
## 3291   MUC16 TCGA-AR-A0TY-01  0.0000000
## 3292    MLL3 TCGA-AR-A0TY-01  0.0000000
## 3293  MAP3K1 TCGA-AR-A0TY-01  0.0000000
## 3294    TP53 TCGA-AR-A0TY-01  0.0000000
## 3295 CROCCP2 TCGA-AR-A0TY-01  0.0000000
```

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## 3296    MUC4 TCGA-AR-A0TY-01  0.0000000
## 3297    CDH1 TCGA-AR-A0TY-01  0.0000000
## 3298   PIK3CA TCGA-AR-A0TY-01  0.0000000
## 3299   GATA3 TCGA-AR-A0TY-01  1.0000000
## 3300     TTN TCGA-AR-A0TY-01  0.0000000
## 3301   MUC16 TCGA-AR-A0U0-01  0.0000000
## 3302    MLL3 TCGA-AR-A0U0-01  1.0000000
## 3303  MAP3K1 TCGA-AR-A0U0-01  0.0000000
## 3304    TP53 TCGA-AR-A0U0-01  1.0000000
## 3305 CROCCP2 TCGA-AR-A0U0-01  0.0000000
## 3306    MUC4 TCGA-AR-A0U0-01  0.0000000
## 3307    CDH1 TCGA-AR-A0U0-01  0.0000000
## 3308   PIK3CA TCGA-AR-A0U0-01  0.0000000
## 3309   GATA3 TCGA-AR-A0U0-01  0.0000000
## 3310     TTN TCGA-AR-A0U0-01  1.0000000
## 3311   MUC16 TCGA-AR-A0U1-01  0.0000000
## 3312    MLL3 TCGA-AR-A0U1-01  0.0000000
## 3313  MAP3K1 TCGA-AR-A0U1-01  0.0000000
## 3314    TP53 TCGA-AR-A0U1-01  1.0000000
## 3315 CROCCP2 TCGA-AR-A0U1-01  0.0000000
## 3316    MUC4 TCGA-AR-A0U1-01  0.0000000
## 3317    CDH1 TCGA-AR-A0U1-01  0.0000000
## 3318   PIK3CA TCGA-AR-A0U1-01  0.0000000
## 3319   GATA3 TCGA-AR-A0U1-01  0.0000000
## 3320     TTN TCGA-AR-A0U1-01  0.0000000
## 3321   MUC16 TCGA-AR-A0U2-01  0.0000000
## 3322    MLL3 TCGA-AR-A0U2-01  1.0000000
## 3323  MAP3K1 TCGA-AR-A0U2-01  0.0000000
## 3324    TP53 TCGA-AR-A0U2-01  1.0000000
## 3325 CROCCP2 TCGA-AR-A0U2-01  0.0000000
## 3326    MUC4 TCGA-AR-A0U2-01  0.0000000
## 3327    CDH1 TCGA-AR-A0U2-01  0.0000000
## 3328   PIK3CA TCGA-AR-A0U2-01  0.0000000
## 3329   GATA3 TCGA-AR-A0U2-01  1.0000000
## 3330     TTN TCGA-AR-A0U2-01  1.0000000
## 3331   MUC16 TCGA-AR-A0U3-01  0.0000000
## 3332    MLL3 TCGA-AR-A0U3-01  0.0000000
## 3333  MAP3K1 TCGA-AR-A0U3-01  0.0000000
## 3334    TP53 TCGA-AR-A0U3-01  1.0000000
## 3335 CROCCP2 TCGA-AR-A0U3-01  0.0000000
## 3336    MUC4 TCGA-AR-A0U3-01  0.0000000
## 3337    CDH1 TCGA-AR-A0U3-01  0.0000000
## 3338   PIK3CA TCGA-AR-A0U3-01  0.0000000
## 3339   GATA3 TCGA-AR-A0U3-01  0.0000000
## 3340     TTN TCGA-AR-A0U3-01  0.0000000
## 3341   MUC16 TCGA-AR-A1AH-01  1.0000000
## 3342    MLL3 TCGA-AR-A1AH-01  0.0000000
## 3343  MAP3K1 TCGA-AR-A1AH-01  0.0000000
## 3344    TP53 TCGA-AR-A1AH-01  1.0000000
## 3345 CROCCP2 TCGA-AR-A1AH-01  0.0000000
## 3346    MUC4 TCGA-AR-A1AH-01  0.0000000
## 3347    CDH1 TCGA-AR-A1AH-01  0.0000000
## 3348   PIK3CA TCGA-AR-A1AH-01  0.0000000
## 3349   GATA3 TCGA-AR-A1AH-01  0.0000000
```

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## 3350     TTN TCGA-AR-A1AH-01  0.0000000
## 3351   MUC16 TCGA-AR-A1AI-01  0.0000000
## 3352    MLL3 TCGA-AR-A1AI-01  0.0000000
## 3353  MAP3K1 TCGA-AR-A1AI-01  0.0000000
## 3354    TP53 TCGA-AR-A1AI-01  1.0000000
## 3355 CROCCP2 TCGA-AR-A1AI-01  0.0000000
## 3356    MUC4 TCGA-AR-A1AI-01  0.0000000
## 3357    CDH1 TCGA-AR-A1AI-01  0.0000000
## 3358   PIK3CA TCGA-AR-A1AI-01  0.0000000
## 3359   GATA3 TCGA-AR-A1AI-01  0.0000000
## 3360     TTN TCGA-AR-A1AI-01  0.0000000
## 3361   MUC16 TCGA-AR-A1AK-01  0.0000000
## 3362    MLL3 TCGA-AR-A1AK-01  0.0000000
## 3363  MAP3K1 TCGA-AR-A1AK-01  0.0000000
## 3364    TP53 TCGA-AR-A1AK-01  0.0000000
## 3365 CROCCP2 TCGA-AR-A1AK-01  0.0000000
## 3366    MUC4 TCGA-AR-A1AK-01  0.0000000
## 3367    CDH1 TCGA-AR-A1AK-01  0.0000000
## 3368   PIK3CA TCGA-AR-A1AK-01  0.0000000
## 3369   GATA3 TCGA-AR-A1AK-01  0.0000000
## 3370     TTN TCGA-AR-A1AK-01  1.0000000
## 3371   MUC16 TCGA-AR-A1AL-01  0.0000000
## 3372    MLL3 TCGA-AR-A1AL-01  0.0000000
## 3373  MAP3K1 TCGA-AR-A1AL-01  0.0000000
## 3374    TP53 TCGA-AR-A1AL-01  0.0000000
## 3375 CROCCP2 TCGA-AR-A1AL-01  0.0000000
## 3376    MUC4 TCGA-AR-A1AL-01  0.0000000
## 3377    CDH1 TCGA-AR-A1AL-01  1.0000000
## 3378   PIK3CA TCGA-AR-A1AL-01  1.0000000
## 3379   GATA3 TCGA-AR-A1AL-01  0.0000000
## 3380     TTN TCGA-AR-A1AL-01  0.0000000
## 3381   MUC16 TCGA-AR-A1AM-01  0.0000000
## 3382    MLL3 TCGA-AR-A1AM-01  0.0000000
## 3383  MAP3K1 TCGA-AR-A1AM-01  0.0000000
## 3384    TP53 TCGA-AR-A1AM-01  0.0000000
## 3385 CROCCP2 TCGA-AR-A1AM-01  0.0000000
## 3386    MUC4 TCGA-AR-A1AM-01  0.0000000
## 3387    CDH1 TCGA-AR-A1AM-01  0.0000000
## 3388   PIK3CA TCGA-AR-A1AM-01  0.0000000
## 3389   GATA3 TCGA-AR-A1AM-01  0.0000000
## 3390     TTN TCGA-AR-A1AM-01  0.0000000
## 3391   MUC16 TCGA-AR-A1AN-01  0.0000000
## 3392    MLL3 TCGA-AR-A1AN-01  0.0000000
## 3393  MAP3K1 TCGA-AR-A1AN-01  0.0000000
## 3394    TP53 TCGA-AR-A1AN-01  1.0000000
## 3395 CROCCP2 TCGA-AR-A1AN-01  0.0000000
## 3396    MUC4 TCGA-AR-A1AN-01  0.0000000
## 3397    CDH1 TCGA-AR-A1AN-01  0.0000000
## 3398   PIK3CA TCGA-AR-A1AN-01  0.0000000
## 3399   GATA3 TCGA-AR-A1AN-01  0.0000000
## 3400     TTN TCGA-AR-A1AN-01  0.0000000
## 3401   MUC16 TCGA-AR-A1AO-01  0.0000000
## 3402    MLL3 TCGA-AR-A1AO-01  0.0000000
## 3403  MAP3K1 TCGA-AR-A1AO-01  0.0000000
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## 3404     TP53 TCGA-AR-A1AO-01  0.0000000
## 3405 CROCCP2 TCGA-AR-A1AO-01  0.0000000
## 3406     MUC4 TCGA-AR-A1AO-01  0.0000000
## 3407     CDH1 TCGA-AR-A1AO-01  0.0000000
## 3408   PIK3CA TCGA-AR-A1AO-01  0.0000000
## 3409    GATA3 TCGA-AR-A1AO-01  0.0000000
## 3410      TTN TCGA-AR-A1AO-01  0.0000000
## 3411    MUC16 TCGA-AR-A1AQ-01  0.0000000
## 3412     MLL3 TCGA-AR-A1AQ-01  0.0000000
## 3413   MAP3K1 TCGA-AR-A1AQ-01  0.0000000
## 3414     TP53 TCGA-AR-A1AQ-01  1.0000000
## 3415 CROCCP2 TCGA-AR-A1AQ-01  0.0000000
## 3416     MUC4 TCGA-AR-A1AQ-01  0.0000000
## 3417     CDH1 TCGA-AR-A1AQ-01  0.0000000
## 3418   PIK3CA TCGA-AR-A1AQ-01  0.0000000
## 3419    GATA3 TCGA-AR-A1AQ-01  0.0000000
## 3420      TTN TCGA-AR-A1AQ-01  0.0000000
## 3421    MUC16 TCGA-AR-A1AR-01  0.0000000
## 3422     MLL3 TCGA-AR-A1AR-01  0.0000000
## 3423   MAP3K1 TCGA-AR-A1AR-01  0.0000000
## 3424     TP53 TCGA-AR-A1AR-01  1.0000000
## 3425 CROCCP2 TCGA-AR-A1AR-01  0.0000000
## 3426     MUC4 TCGA-AR-A1AR-01  0.0000000
## 3427     CDH1 TCGA-AR-A1AR-01  0.0000000
## 3428   PIK3CA TCGA-AR-A1AR-01  0.0000000
## 3429    GATA3 TCGA-AR-A1AR-01  0.0000000
## 3430      TTN TCGA-AR-A1AR-01  0.0000000
## 3431    MUC16 TCGA-AR-A1AS-01  0.0000000
## 3432     MLL3 TCGA-AR-A1AS-01  0.0000000
## 3433   MAP3K1 TCGA-AR-A1AS-01  0.0000000
## 3434     TP53 TCGA-AR-A1AS-01  1.0000000
## 3435 CROCCP2 TCGA-AR-A1AS-01  0.0000000
## 3436     MUC4 TCGA-AR-A1AS-01  0.0000000
## 3437     CDH1 TCGA-AR-A1AS-01  0.0000000
## 3438   PIK3CA TCGA-AR-A1AS-01  1.0000000
## 3439    GATA3 TCGA-AR-A1AS-01  0.0000000
## 3440      TTN TCGA-AR-A1AS-01  1.0000000
## 3441    MUC16 TCGA-AR-A1AU-01  0.0000000
## 3442     MLL3 TCGA-AR-A1AU-01  0.0000000
## 3443   MAP3K1 TCGA-AR-A1AU-01  0.0000000
## 3444     TP53 TCGA-AR-A1AU-01  0.0000000
## 3445 CROCCP2 TCGA-AR-A1AU-01  0.0000000
## 3446     MUC4 TCGA-AR-A1AU-01  0.0000000
## 3447     CDH1 TCGA-AR-A1AU-01  0.0000000
## 3448   PIK3CA TCGA-AR-A1AU-01  0.0000000
## 3449    GATA3 TCGA-AR-A1AU-01  0.0000000
## 3450      TTN TCGA-AR-A1AU-01  0.0000000
## 3451    MUC16 TCGA-AR-A1AV-01  0.0000000
## 3452     MLL3 TCGA-AR-A1AV-01  0.0000000
## 3453   MAP3K1 TCGA-AR-A1AV-01  0.0000000
## 3454     TP53 TCGA-AR-A1AV-01  0.0000000
## 3455 CROCCP2 TCGA-AR-A1AV-01  0.0000000
## 3456     MUC4 TCGA-AR-A1AV-01  0.0000000
## 3457     CDH1 TCGA-AR-A1AV-01  0.0000000
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## 3458  PIK3CA TCGA-AR-A1AV-01  1.0000000
## 3459   GATA3 TCGA-AR-A1AV-01  1.0000000
## 3460     TTN TCGA-AR-A1AV-01  0.0000000
## 3461   MUC16 TCGA-AR-A1AW-01  0.0000000
## 3462    MLL3 TCGA-AR-A1AW-01  0.0000000
## 3463   MAP3K1 TCGA-AR-A1AW-01  0.0000000
## 3464    TP53 TCGA-AR-A1AW-01  1.0000000
## 3465 CROCCP2 TCGA-AR-A1AW-01  0.0000000
## 3466    MUC4 TCGA-AR-A1AW-01  0.0000000
## 3467    CDH1 TCGA-AR-A1AW-01  0.0000000
## 3468  PIK3CA TCGA-AR-A1AW-01  1.0000000
## 3469   GATA3 TCGA-AR-A1AW-01  0.0000000
## 3470     TTN TCGA-AR-A1AW-01  0.0000000
## 3471   MUC16 TCGA-AR-A1AX-01  0.0000000
## 3472    MLL3 TCGA-AR-A1AX-01  0.0000000
## 3473   MAP3K1 TCGA-AR-A1AX-01  0.0000000
## 3474    TP53 TCGA-AR-A1AX-01  0.0000000
## 3475 CROCCP2 TCGA-AR-A1AX-01  0.0000000
## 3476    MUC4 TCGA-AR-A1AX-01  0.0000000
## 3477    CDH1 TCGA-AR-A1AX-01  0.0000000
## 3478  PIK3CA TCGA-AR-A1AX-01  0.0000000
## 3479   GATA3 TCGA-AR-A1AX-01  0.0000000
## 3480     TTN TCGA-AR-A1AX-01  0.0000000
## 3481   MUC16 TCGA-AR-A1AY-01  0.0000000
## 3482    MLL3 TCGA-AR-A1AY-01  0.0000000
## 3483   MAP3K1 TCGA-AR-A1AY-01  0.0000000
## 3484    TP53 TCGA-AR-A1AY-01  1.0000000
## 3485 CROCCP2 TCGA-AR-A1AY-01  0.0000000
## 3486    MUC4 TCGA-AR-A1AY-01  0.0000000
## 3487    CDH1 TCGA-AR-A1AY-01  0.0000000
## 3488  PIK3CA TCGA-AR-A1AY-01  0.0000000
## 3489   GATA3 TCGA-AR-A1AY-01  0.0000000
## 3490     TTN TCGA-AR-A1AY-01  0.0000000
## 3491   MUC16 TCGA-AR-A24H-01  0.0000000
## 3492    MLL3 TCGA-AR-A24H-01  0.0000000
## 3493   MAP3K1 TCGA-AR-A24H-01  0.0000000
## 3494    TP53 TCGA-AR-A24H-01  0.0000000
## 3495 CROCCP2 TCGA-AR-A24H-01  0.0000000
## 3496    MUC4 TCGA-AR-A24H-01  0.0000000
## 3497    CDH1 TCGA-AR-A24H-01  0.0000000
## 3498  PIK3CA TCGA-AR-A24H-01  0.0000000
## 3499   GATA3 TCGA-AR-A24H-01  0.0000000
## 3500     TTN TCGA-AR-A24H-01  0.0000000
## 3501   MUC16 TCGA-AR-A24K-01  0.0000000
## 3502    MLL3 TCGA-AR-A24K-01  0.0000000
## 3503   MAP3K1 TCGA-AR-A24K-01  0.0000000
## 3504    TP53 TCGA-AR-A24K-01  1.0000000
## 3505 CROCCP2 TCGA-AR-A24K-01  0.0000000
## 3506    MUC4 TCGA-AR-A24K-01  0.0000000
## 3507    CDH1 TCGA-AR-A24K-01  0.0000000
## 3508  PIK3CA TCGA-AR-A24K-01  1.0000000
## 3509   GATA3 TCGA-AR-A24K-01  0.0000000
## 3510     TTN TCGA-AR-A24K-01  0.0000000
## 3511   MUC16 TCGA-AR-A24L-01  0.0000000
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## 3512    MLL3 TCGA-AR-A24L-01  0.0000000
## 3513  MAP3K1 TCGA-AR-A24L-01  0.0000000
## 3514    TP53 TCGA-AR-A24L-01  0.0000000
## 3515 CROCCP2 TCGA-AR-A24L-01  0.0000000
## 3516    MUC4 TCGA-AR-A24L-01  0.0000000
## 3517    CDH1 TCGA-AR-A24L-01  0.0000000
## 3518  PIK3CA TCGA-AR-A24L-01  0.0000000
## 3519   GATA3 TCGA-AR-A24L-01  0.0000000
## 3520     TTN TCGA-AR-A24L-01  0.0000000
## 3521   MUC16 TCGA-AR-A24M-01  0.0000000
## 3522    MLL3 TCGA-AR-A24M-01  0.0000000
## 3523  MAP3K1 TCGA-AR-A24M-01  0.0000000
## 3524    TP53 TCGA-AR-A24M-01  0.0000000
## 3525 CROCCP2 TCGA-AR-A24M-01  0.0000000
## 3526    MUC4 TCGA-AR-A24M-01  0.0000000
## 3527    CDH1 TCGA-AR-A24M-01  0.0000000
## 3528  PIK3CA TCGA-AR-A24M-01  1.0000000
## 3529   GATA3 TCGA-AR-A24M-01  0.0000000
## 3530     TTN TCGA-AR-A24M-01  0.0000000
## 3531   MUC16 TCGA-AR-A24N-01  0.0000000
## 3532    MLL3 TCGA-AR-A24N-01  1.0000000
## 3533  MAP3K1 TCGA-AR-A24N-01  0.0000000
## 3534    TP53 TCGA-AR-A24N-01  0.0000000
## 3535 CROCCP2 TCGA-AR-A24N-01  0.0000000
## 3536    MUC4 TCGA-AR-A24N-01  0.0000000
## 3537    CDH1 TCGA-AR-A24N-01  0.0000000
## 3538  PIK3CA TCGA-AR-A24N-01  0.0000000
## 3539   GATA3 TCGA-AR-A24N-01  1.0000000
## 3540     TTN TCGA-AR-A24N-01  0.0000000
## 3541   MUC16 TCGA-AR-A24O-01  0.0000000
## 3542    MLL3 TCGA-AR-A24O-01  0.0000000
## 3543  MAP3K1 TCGA-AR-A24O-01  0.0000000
## 3544    TP53 TCGA-AR-A24O-01  0.0000000
## 3545 CROCCP2 TCGA-AR-A24O-01  0.0000000
## 3546    MUC4 TCGA-AR-A24O-01  0.0000000
## 3547    CDH1 TCGA-AR-A24O-01  0.0000000
## 3548  PIK3CA TCGA-AR-A24O-01  1.0000000
## 3549   GATA3 TCGA-AR-A24O-01  0.0000000
## 3550     TTN TCGA-AR-A24O-01  0.0000000
## 3551   MUC16 TCGA-AR-A24P-01  0.0000000
## 3552    MLL3 TCGA-AR-A24P-01  0.0000000
## 3553  MAP3K1 TCGA-AR-A24P-01  0.0000000
## 3554    TP53 TCGA-AR-A24P-01  1.0000000
## 3555 CROCCP2 TCGA-AR-A24P-01  0.0000000
## 3556    MUC4 TCGA-AR-A24P-01  0.0000000
## 3557    CDH1 TCGA-AR-A24P-01  0.0000000
## 3558  PIK3CA TCGA-AR-A24P-01  0.0000000
## 3559   GATA3 TCGA-AR-A24P-01  0.0000000
## 3560     TTN TCGA-AR-A24P-01  0.0000000
## 3561   MUC16 TCGA-AR-A24Q-01  0.0000000
## 3562    MLL3 TCGA-AR-A24Q-01  0.0000000
## 3563  MAP3K1 TCGA-AR-A24Q-01  0.0000000
## 3564    TP53 TCGA-AR-A24Q-01  0.0000000
## 3565 CROCCP2 TCGA-AR-A24Q-01  0.0000000
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## 3566    MUC4 TCGA-AR-A24Q-01  0.0000000
## 3567    CDH1 TCGA-AR-A24Q-01  0.0000000
## 3568  PIK3CA TCGA-AR-A24Q-01  0.0000000
## 3569   GATA3 TCGA-AR-A24Q-01  0.0000000
## 3570     TTN TCGA-AR-A24Q-01  0.0000000
## 3571   MUC16 TCGA-AR-A24R-01  0.0000000
## 3572    MLL3 TCGA-AR-A24R-01  0.0000000
## 3573  MAP3K1 TCGA-AR-A24R-01  0.0000000
## 3574    TP53 TCGA-AR-A24R-01  0.0000000
## 3575 CROCCP2 TCGA-AR-A24R-01  0.0000000
## 3576    MUC4 TCGA-AR-A24R-01  0.0000000
## 3577    CDH1 TCGA-AR-A24R-01  0.0000000
## 3578  PIK3CA TCGA-AR-A24R-01  0.0000000
## 3579   GATA3 TCGA-AR-A24R-01  0.0000000
## 3580     TTN TCGA-AR-A24R-01  0.0000000
## 3581   MUC16 TCGA-AR-A24S-01  1.0000000
## 3582    MLL3 TCGA-AR-A24S-01  1.0000000
## 3583  MAP3K1 TCGA-AR-A24S-01  0.0000000
## 3584    TP53 TCGA-AR-A24S-01  1.0000000
## 3585 CROCCP2 TCGA-AR-A24S-01  1.0000000
## 3586    MUC4 TCGA-AR-A24S-01  0.0000000
## 3587    CDH1 TCGA-AR-A24S-01  0.0000000
## 3588  PIK3CA TCGA-AR-A24S-01  1.0000000
## 3589   GATA3 TCGA-AR-A24S-01  0.0000000
## 3590     TTN TCGA-AR-A24S-01  0.0000000
## 3591   MUC16 TCGA-AR-A24T-01  0.0000000
## 3592    MLL3 TCGA-AR-A24T-01  0.0000000
## 3593  MAP3K1 TCGA-AR-A24T-01  0.0000000
## 3594    TP53 TCGA-AR-A24T-01  1.0000000
## 3595 CROCCP2 TCGA-AR-A24T-01  0.0000000
## 3596    MUC4 TCGA-AR-A24T-01  0.0000000
## 3597    CDH1 TCGA-AR-A24T-01  1.0000000
## 3598  PIK3CA TCGA-AR-A24T-01  1.0000000
## 3599   GATA3 TCGA-AR-A24T-01  0.0000000
## 3600     TTN TCGA-AR-A24T-01  0.0000000
## 3601   MUC16 TCGA-AR-A24U-01  0.0000000
## 3602    MLL3 TCGA-AR-A24U-01  0.0000000
## 3603  MAP3K1 TCGA-AR-A24U-01  0.0000000
## 3604    TP53 TCGA-AR-A24U-01  0.0000000
## 3605 CROCCP2 TCGA-AR-A24U-01  0.0000000
## 3606    MUC4 TCGA-AR-A24U-01  0.0000000
## 3607    CDH1 TCGA-AR-A24U-01  0.0000000
## 3608  PIK3CA TCGA-AR-A24U-01  0.0000000
## 3609   GATA3 TCGA-AR-A24U-01  0.0000000
## 3610     TTN TCGA-AR-A24U-01  1.0000000
## 3611   MUC16 TCGA-AR-A24V-01  0.0000000
## 3612    MLL3 TCGA-AR-A24V-01  0.0000000
## 3613  MAP3K1 TCGA-AR-A24V-01  0.0000000
## 3614    TP53 TCGA-AR-A24V-01  0.0000000
## 3615 CROCCP2 TCGA-AR-A24V-01  0.0000000
## 3616    MUC4 TCGA-AR-A24V-01  0.0000000
## 3617    CDH1 TCGA-AR-A24V-01  0.0000000
## 3618  PIK3CA TCGA-AR-A24V-01  0.0000000
## 3619   GATA3 TCGA-AR-A24V-01  0.0000000
```

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## 3620     TTN TCGA-AR-A24V-01  0.0000000
## 3621   MUC16 TCGA-AR-A24W-01  0.0000000
## 3622    MLL3 TCGA-AR-A24W-01  0.0000000
## 3623  MAP3K1 TCGA-AR-A24W-01  0.0000000
## 3624    TP53 TCGA-AR-A24W-01  0.0000000
## 3625 CROCCP2 TCGA-AR-A24W-01  0.0000000
## 3626    MUC4 TCGA-AR-A24W-01  0.0000000
## 3627    CDH1 TCGA-AR-A24W-01  0.0000000
## 3628   PIK3CA TCGA-AR-A24W-01  0.0000000
## 3629   GATA3 TCGA-AR-A24W-01  0.0000000
## 3630     TTN TCGA-AR-A24W-01  0.0000000
## 3631   MUC16 TCGA-AR-A24X-01  0.0000000
## 3632    MLL3 TCGA-AR-A24X-01  0.0000000
## 3633  MAP3K1 TCGA-AR-A24X-01  0.0000000
## 3634    TP53 TCGA-AR-A24X-01  0.0000000
## 3635 CROCCP2 TCGA-AR-A24X-01  1.0000000
## 3636    MUC4 TCGA-AR-A24X-01  0.0000000
## 3637    CDH1 TCGA-AR-A24X-01  1.0000000
## 3638   PIK3CA TCGA-AR-A24X-01  0.0000000
## 3639   GATA3 TCGA-AR-A24X-01  1.0000000
## 3640     TTN TCGA-AR-A24X-01  0.0000000
## 3641   MUC16 TCGA-AR-A24Z-01  0.0000000
## 3642    MLL3 TCGA-AR-A24Z-01  0.0000000
## 3643  MAP3K1 TCGA-AR-A24Z-01  0.0000000
## 3644    TP53 TCGA-AR-A24Z-01  0.0000000
## 3645 CROCCP2 TCGA-AR-A24Z-01  1.0000000
## 3646    MUC4 TCGA-AR-A24Z-01  0.0000000
## 3647    CDH1 TCGA-AR-A24Z-01  0.0000000
## 3648   PIK3CA TCGA-AR-A24Z-01  0.0000000
## 3649   GATA3 TCGA-AR-A24Z-01  0.0000000
## 3650     TTN TCGA-AR-A24Z-01  1.0000000
## 3651   MUC16 TCGA-AR-A250-01  0.0000000
## 3652    MLL3 TCGA-AR-A250-01  0.0000000
## 3653  MAP3K1 TCGA-AR-A250-01  0.0000000
## 3654    TP53 TCGA-AR-A250-01  0.0000000
## 3655 CROCCP2 TCGA-AR-A250-01  0.0000000
## 3656    MUC4 TCGA-AR-A250-01  0.0000000
## 3657    CDH1 TCGA-AR-A250-01  0.0000000
## 3658   PIK3CA TCGA-AR-A250-01  0.0000000
## 3659   GATA3 TCGA-AR-A250-01  0.0000000
## 3660     TTN TCGA-AR-A250-01  0.0000000
## 3661   MUC16 TCGA-AR-A251-01  0.0000000
## 3662    MLL3 TCGA-AR-A251-01  0.0000000
## 3663  MAP3K1 TCGA-AR-A251-01  0.0000000
## 3664    TP53 TCGA-AR-A251-01  1.0000000
## 3665 CROCCP2 TCGA-AR-A251-01  0.0000000
## 3666    MUC4 TCGA-AR-A251-01  0.0000000
## 3667    CDH1 TCGA-AR-A251-01  0.0000000
## 3668   PIK3CA TCGA-AR-A251-01  0.0000000
## 3669   GATA3 TCGA-AR-A251-01  0.0000000
## 3670     TTN TCGA-AR-A251-01  0.0000000
## 3671   MUC16 TCGA-AR-A252-01  0.0000000
## 3672    MLL3 TCGA-AR-A252-01  0.0000000
## 3673  MAP3K1 TCGA-AR-A252-01  0.0000000
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## 3674    TP53 TCGA-AR-A252-01  0.0000000
## 3675 CROCCP2 TCGA-AR-A252-01  0.0000000
## 3676    MUC4 TCGA-AR-A252-01  0.0000000
## 3677    CDH1 TCGA-AR-A252-01  0.0000000
## 3678  PIK3CA TCGA-AR-A252-01  0.0000000
## 3679   GATA3 TCGA-AR-A252-01  1.0000000
## 3680     TTN TCGA-AR-A252-01  0.0000000
## 3681   MUC16 TCGA-AR-A254-01  0.0000000
## 3682    MLL3 TCGA-AR-A254-01  0.0000000
## 3683   MAP3K1 TCGA-AR-A254-01  0.0000000
## 3684    TP53 TCGA-AR-A254-01  1.0000000
## 3685 CROCCP2 TCGA-AR-A254-01  0.0000000
## 3686    MUC4 TCGA-AR-A254-01  0.0000000
## 3687    CDH1 TCGA-AR-A254-01  0.0000000
## 3688  PIK3CA TCGA-AR-A254-01  0.0000000
## 3689   GATA3 TCGA-AR-A254-01  0.0000000
## 3690     TTN TCGA-AR-A254-01  0.0000000
## 3691   MUC16 TCGA-AR-A255-01  0.0000000
## 3692    MLL3 TCGA-AR-A255-01  0.0000000
## 3693   MAP3K1 TCGA-AR-A255-01  0.0000000
## 3694    TP53 TCGA-AR-A255-01  0.0000000
## 3695 CROCCP2 TCGA-AR-A255-01  0.0000000
## 3696    MUC4 TCGA-AR-A255-01  0.0000000
## 3697    CDH1 TCGA-AR-A255-01  0.0000000
## 3698  PIK3CA TCGA-AR-A255-01  1.0000000
## 3699   GATA3 TCGA-AR-A255-01  0.0000000
## 3700     TTN TCGA-AR-A255-01  0.0000000
## 3701   MUC16 TCGA-AR-A256-01  1.0000000
## 3702    MLL3 TCGA-AR-A256-01  0.0000000
## 3703   MAP3K1 TCGA-AR-A256-01  0.0000000
## 3704    TP53 TCGA-AR-A256-01  1.0000000
## 3705 CROCCP2 TCGA-AR-A256-01  0.0000000
## 3706    MUC4 TCGA-AR-A256-01  0.0000000
## 3707    CDH1 TCGA-AR-A256-01  0.0000000
## 3708  PIK3CA TCGA-AR-A256-01  0.0000000
## 3709   GATA3 TCGA-AR-A256-01  0.0000000
## 3710     TTN TCGA-AR-A256-01  1.0000000
## 3711   MUC16 TCGA-AR-A2LE-01  1.0000000
## 3712    MLL3 TCGA-AR-A2LE-01  0.0000000
## 3713   MAP3K1 TCGA-AR-A2LE-01  0.0000000
## 3714    TP53 TCGA-AR-A2LE-01  0.0000000
## 3715 CROCCP2 TCGA-AR-A2LE-01  0.0000000
## 3716    MUC4 TCGA-AR-A2LE-01  0.0000000
## 3717    CDH1 TCGA-AR-A2LE-01  1.0000000
## 3718  PIK3CA TCGA-AR-A2LE-01  0.0000000
## 3719   GATA3 TCGA-AR-A2LE-01  0.0000000
## 3720     TTN TCGA-AR-A2LE-01  1.0000000
## 3721   MUC16 TCGA-AR-A2LH-01  0.0000000
## 3722    MLL3 TCGA-AR-A2LH-01  0.0000000
## 3723   MAP3K1 TCGA-AR-A2LH-01  0.0000000
## 3724    TP53 TCGA-AR-A2LH-01  0.0000000
## 3725 CROCCP2 TCGA-AR-A2LH-01  0.0000000
## 3726    MUC4 TCGA-AR-A2LH-01  0.0000000
## 3727    CDH1 TCGA-AR-A2LH-01  0.0000000
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## 3728   PIK3CA TCGA-AR-A2LH-01  0.0000000
## 3729    GATA3 TCGA-AR-A2LH-01  0.0000000
## 3730      TTN TCGA-AR-A2LH-01  0.0000000
## 3731    MUC16 TCGA-AR-A2LJ-01  0.0000000
## 3732     MLL3 TCGA-AR-A2LJ-01  0.0000000
## 3733    MAP3K1 TCGA-AR-A2LJ-01 0.0000000
## 3734     TP53 TCGA-AR-A2LJ-01  0.0000000
## 3735  CROCCP2 TCGA-AR-A2LJ-01  0.0000000
## 3736     MUC4 TCGA-AR-A2LJ-01  1.0000000
## 3737     CDH1 TCGA-AR-A2LJ-01  1.0000000
## 3738   PIK3CA TCGA-AR-A2LJ-01  1.0000000
## 3739    GATA3 TCGA-AR-A2LJ-01  0.0000000
## 3740      TTN TCGA-AR-A2LJ-01  0.0000000
## 3741    MUC16 TCGA-AR-A2LK-01  0.0000000
## 3742     MLL3 TCGA-AR-A2LK-01  0.0000000
## 3743    MAP3K1 TCGA-AR-A2LK-01 0.0000000
## 3744     TP53 TCGA-AR-A2LK-01  0.0000000
## 3745  CROCCP2 TCGA-AR-A2LK-01  0.0000000
## 3746     MUC4 TCGA-AR-A2LK-01  0.0000000
## 3747     CDH1 TCGA-AR-A2LK-01  0.0000000
## 3748   PIK3CA TCGA-AR-A2LK-01  1.0000000
## 3749    GATA3 TCGA-AR-A2LK-01  0.0000000
## 3750      TTN TCGA-AR-A2LK-01  0.0000000
## 3751    MUC16 TCGA-AR-A2LL-01  0.0000000
## 3752     MLL3 TCGA-AR-A2LL-01  0.0000000
## 3753    MAP3K1 TCGA-AR-A2LL-01 0.0000000
## 3754     TP53 TCGA-AR-A2LL-01  0.0000000
## 3755  CROCCP2 TCGA-AR-A2LL-01  0.0000000
## 3756     MUC4 TCGA-AR-A2LL-01  0.0000000
## 3757     CDH1 TCGA-AR-A2LL-01  1.0000000
## 3758   PIK3CA TCGA-AR-A2LL-01  0.0000000
## 3759    GATA3 TCGA-AR-A2LL-01  0.0000000
## 3760      TTN TCGA-AR-A2LL-01  0.0000000
## 3761    MUC16 TCGA-AR-A2LM-01  0.0000000
## 3762     MLL3 TCGA-AR-A2LM-01  0.0000000
## 3763    MAP3K1 TCGA-AR-A2LM-01 0.0000000
## 3764     TP53 TCGA-AR-A2LM-01  0.0000000
## 3765  CROCCP2 TCGA-AR-A2LM-01  0.0000000
## 3766     MUC4 TCGA-AR-A2LM-01  0.0000000
## 3767     CDH1 TCGA-AR-A2LM-01  0.0000000
## 3768   PIK3CA TCGA-AR-A2LM-01  1.0000000
## 3769    GATA3 TCGA-AR-A2LM-01  0.0000000
## 3770      TTN TCGA-AR-A2LM-01  0.0000000
## 3771    MUC16 TCGA-AR-A2LN-01  0.0000000
## 3772     MLL3 TCGA-AR-A2LN-01  0.0000000
## 3773    MAP3K1 TCGA-AR-A2LN-01 0.0000000
## 3774     TP53 TCGA-AR-A2LN-01  0.0000000
## 3775  CROCCP2 TCGA-AR-A2LN-01  0.0000000
## 3776     MUC4 TCGA-AR-A2LN-01  0.0000000
## 3777     CDH1 TCGA-AR-A2LN-01  1.0000000
## 3778   PIK3CA TCGA-AR-A2LN-01  0.0000000
## 3779    GATA3 TCGA-AR-A2LN-01  0.0000000
## 3780      TTN TCGA-AR-A2LN-01  1.0000000
## 3781    MUC16 TCGA-AR-A2LO-01  0.0000000
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## 3782    MLL3 TCGA-AR-A2LO-01  0.0000000
## 3783  MAP3K1 TCGA-AR-A2LO-01  0.0000000
## 3784    TP53 TCGA-AR-A2LO-01  0.0000000
## 3785 CROCCP2 TCGA-AR-A2LO-01  0.0000000
## 3786    MUC4 TCGA-AR-A2LO-01  0.0000000
## 3787    CDH1 TCGA-AR-A2LO-01  0.0000000
## 3788   PIK3CA TCGA-AR-A2LO-01  0.0000000
## 3789   GATA3 TCGA-AR-A2LO-01  0.0000000
## 3790     TTN TCGA-AR-A2LO-01  0.0000000
## 3791   MUC16 TCGA-AR-A2LQ-01  0.0000000
## 3792    MLL3 TCGA-AR-A2LQ-01  0.0000000
## 3793  MAP3K1 TCGA-AR-A2LQ-01  0.0000000
## 3794    TP53 TCGA-AR-A2LQ-01  0.0000000
## 3795 CROCCP2 TCGA-AR-A2LQ-01  1.0000000
## 3796    MUC4 TCGA-AR-A2LQ-01  0.0000000
## 3797    CDH1 TCGA-AR-A2LQ-01  0.0000000
## 3798   PIK3CA TCGA-AR-A2LQ-01  0.0000000
## 3799   GATA3 TCGA-AR-A2LQ-01  0.0000000
## 3800     TTN TCGA-AR-A2LQ-01  0.0000000
## 3801   MUC16 TCGA-AR-A2LR-01  0.0000000
## 3802    MLL3 TCGA-AR-A2LR-01  0.0000000
## 3803  MAP3K1 TCGA-AR-A2LR-01  0.0000000
## 3804    TP53 TCGA-AR-A2LR-01  1.0000000
## 3805 CROCCP2 TCGA-AR-A2LR-01  0.0000000
## 3806    MUC4 TCGA-AR-A2LR-01  0.0000000
## 3807    CDH1 TCGA-AR-A2LR-01  0.0000000
## 3808   PIK3CA TCGA-AR-A2LR-01  0.0000000
## 3809   GATA3 TCGA-AR-A2LR-01  0.0000000
## 3810     TTN TCGA-AR-A2LR-01  0.0000000
## 3811   MUC16 TCGA-AR-A5QM-01  0.0000000
## 3812    MLL3 TCGA-AR-A5QM-01  0.0000000
## 3813  MAP3K1 TCGA-AR-A5QM-01  0.0000000
## 3814    TP53 TCGA-AR-A5QM-01  0.0000000
## 3815 CROCCP2 TCGA-AR-A5QM-01  0.0000000
## 3816    MUC4 TCGA-AR-A5QM-01  0.0000000
## 3817    CDH1 TCGA-AR-A5QM-01  1.0000000
## 3818   PIK3CA TCGA-AR-A5QM-01  1.0000000
## 3819   GATA3 TCGA-AR-A5QM-01  0.0000000
## 3820     TTN TCGA-AR-A5QM-01  0.0000000
## 3821   MUC16 TCGA-AR-A5QN-01  0.0000000
## 3822    MLL3 TCGA-AR-A5QN-01  0.0000000
## 3823  MAP3K1 TCGA-AR-A5QN-01  0.0000000
## 3824    TP53 TCGA-AR-A5QN-01  0.0000000
## 3825 CROCCP2 TCGA-AR-A5QN-01  0.0000000
## 3826    MUC4 TCGA-AR-A5QN-01  0.0000000
## 3827    CDH1 TCGA-AR-A5QN-01  0.0000000
## 3828   PIK3CA TCGA-AR-A5QN-01  0.0000000
## 3829   GATA3 TCGA-AR-A5QN-01  0.0000000
## 3830     TTN TCGA-AR-A5QN-01  0.0000000
## 3831   MUC16 TCGA-AR-A5QP-01  0.0000000
## 3832    MLL3 TCGA-AR-A5QP-01  0.0000000
## 3833  MAP3K1 TCGA-AR-A5QP-01  0.0000000
## 3834    TP53 TCGA-AR-A5QP-01  0.0000000
## 3835 CROCCP2 TCGA-AR-A5QP-01  0.0000000
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## 3836    MUC4 TCGA-AR-A5QP-01  0.0000000
## 3837    CDH1 TCGA-AR-A5QP-01  0.0000000
## 3838  PIK3CA TCGA-AR-A5QP-01  1.0000000
## 3839   GATA3 TCGA-AR-A5QP-01  0.0000000
## 3840     TTN TCGA-AR-A5QP-01  1.0000000
## 3841   MUC16 TCGA-AR-A5QQ-01  0.0000000
## 3842    MLL3 TCGA-AR-A5QQ-01  0.0000000
## 3843  MAP3K1 TCGA-AR-A5QQ-01  0.0000000
## 3844    TP53 TCGA-AR-A5QQ-01  1.0000000
## 3845 CROCCP2 TCGA-AR-A5QQ-01  0.0000000
## 3846    MUC4 TCGA-AR-A5QQ-01  0.0000000
## 3847    CDH1 TCGA-AR-A5QQ-01  0.0000000
## 3848  PIK3CA TCGA-AR-A5QQ-01  0.0000000
## 3849   GATA3 TCGA-AR-A5QQ-01  0.0000000
## 3850     TTN TCGA-AR-A5QQ-01  0.0000000
## 3851   MUC16 TCGA-B6-A0I1-01  0.0000000
## 3852    MLL3 TCGA-B6-A0I1-01  0.0000000
## 3853  MAP3K1 TCGA-B6-A0I1-01  0.0000000
## 3854    TP53 TCGA-B6-A0I1-01  0.0000000
## 3855 CROCCP2 TCGA-B6-A0I1-01  0.0000000
## 3856    MUC4 TCGA-B6-A0I1-01  0.0000000
## 3857    CDH1 TCGA-B6-A0I1-01  0.0000000
## 3858  PIK3CA TCGA-B6-A0I1-01  0.0000000
## 3859   GATA3 TCGA-B6-A0I1-01  0.0000000
## 3860     TTN TCGA-B6-A0I1-01  0.0000000
## 3861   MUC16 TCGA-B6-A0I2-01  0.0000000
## 3862    MLL3 TCGA-B6-A0I2-01  0.0000000
## 3863  MAP3K1 TCGA-B6-A0I2-01  0.0000000
## 3864    TP53 TCGA-B6-A0I2-01  0.0000000
## 3865 CROCCP2 TCGA-B6-A0I2-01  0.0000000
## 3866    MUC4 TCGA-B6-A0I2-01  0.0000000
## 3867    CDH1 TCGA-B6-A0I2-01  0.0000000
## 3868  PIK3CA TCGA-B6-A0I2-01  0.0000000
## 3869   GATA3 TCGA-B6-A0I2-01  0.0000000
## 3870     TTN TCGA-B6-A0I2-01  0.0000000
## 3871   MUC16 TCGA-B6-A0I5-01  0.0000000
## 3872    MLL3 TCGA-B6-A0I5-01  0.0000000
## 3873  MAP3K1 TCGA-B6-A0I5-01  0.0000000
## 3874    TP53 TCGA-B6-A0I5-01  0.0000000
## 3875 CROCCP2 TCGA-B6-A0I5-01  0.0000000
## 3876    MUC4 TCGA-B6-A0I5-01  0.0000000
## 3877    CDH1 TCGA-B6-A0I5-01  0.0000000
## 3878  PIK3CA TCGA-B6-A0I5-01  1.0000000
## 3879   GATA3 TCGA-B6-A0I5-01  1.0000000
## 3880     TTN TCGA-B6-A0I5-01  0.0000000
## 3881   MUC16 TCGA-B6-A0I9-01  0.0000000
## 3882    MLL3 TCGA-B6-A0I9-01  0.0000000
## 3883  MAP3K1 TCGA-B6-A0I9-01  0.0000000
## 3884    TP53 TCGA-B6-A0I9-01  1.0000000
## 3885 CROCCP2 TCGA-B6-A0I9-01  0.0000000
## 3886    MUC4 TCGA-B6-A0I9-01  0.0000000
## 3887    CDH1 TCGA-B6-A0I9-01  0.0000000
## 3888  PIK3CA TCGA-B6-A0I9-01  0.0000000
## 3889   GATA3 TCGA-B6-A0I9-01  1.0000000
```

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## 3890     TTN TCGA-B6-A0I9-01  1.0000000
## 3891   MUC16 TCGA-B6-A0IA-01  0.0000000
## 3892    MLL3 TCGA-B6-A0IA-01  0.0000000
## 3893   MAP3K1 TCGA-B6-A0IA-01  0.0000000
## 3894    TP53 TCGA-B6-A0IA-01  0.0000000
## 3895 CROCCP2 TCGA-B6-A0IA-01  0.0000000
## 3896    MUC4 TCGA-B6-A0IA-01  1.0000000
## 3897    CDH1 TCGA-B6-A0IA-01  0.0000000
## 3898   PIK3CA TCGA-B6-A0IA-01  0.0000000
## 3899   GATA3 TCGA-B6-A0IA-01  0.0000000
## 3900     TTN TCGA-B6-A0IA-01  1.0000000
## 3901   MUC16 TCGA-B6-A0IB-01  0.0000000
## 3902    MLL3 TCGA-B6-A0IB-01  0.0000000
## 3903   MAP3K1 TCGA-B6-A0IB-01  0.0000000
## 3904    TP53 TCGA-B6-A0IB-01  0.0000000
## 3905 CROCCP2 TCGA-B6-A0IB-01  0.0000000
## 3906    MUC4 TCGA-B6-A0IB-01  0.0000000
## 3907    CDH1 TCGA-B6-A0IB-01  0.0000000
## 3908   PIK3CA TCGA-B6-A0IB-01  0.0000000
## 3909   GATA3 TCGA-B6-A0IB-01  0.0000000
## 3910     TTN TCGA-B6-A0IB-01  0.0000000
## 3911   MUC16 TCGA-B6-A0IE-01  0.0000000
## 3912    MLL3 TCGA-B6-A0IE-01  0.0000000
## 3913   MAP3K1 TCGA-B6-A0IE-01  0.0000000
## 3914    TP53 TCGA-B6-A0IE-01  1.0000000
## 3915 CROCCP2 TCGA-B6-A0IE-01  0.0000000
## 3916    MUC4 TCGA-B6-A0IE-01  1.0000000
## 3917    CDH1 TCGA-B6-A0IE-01  0.0000000
## 3918   PIK3CA TCGA-B6-A0IE-01  1.0000000
## 3919   GATA3 TCGA-B6-A0IE-01  0.0000000
## 3920     TTN TCGA-B6-A0IE-01  0.0000000
## 3921   MUC16 TCGA-B6-A0IG-01  0.0000000
## 3922    MLL3 TCGA-B6-A0IG-01  0.0000000
## 3923   MAP3K1 TCGA-B6-A0IG-01  0.0000000
## 3924    TP53 TCGA-B6-A0IG-01  0.0000000
## 3925 CROCCP2 TCGA-B6-A0IG-01  0.0000000
## 3926    MUC4 TCGA-B6-A0IG-01  0.0000000
## 3927    CDH1 TCGA-B6-A0IG-01  0.0000000
## 3928   PIK3CA TCGA-B6-A0IG-01  0.0000000
## 3929   GATA3 TCGA-B6-A0IG-01  0.0000000
## 3930     TTN TCGA-B6-A0IG-01  0.0000000
## 3931   MUC16 TCGA-B6-A0IJ-01  0.0000000
## 3932    MLL3 TCGA-B6-A0IJ-01  1.0000000
## 3933   MAP3K1 TCGA-B6-A0IJ-01  0.0000000
## 3934    TP53 TCGA-B6-A0IJ-01  1.0000000
## 3935 CROCCP2 TCGA-B6-A0IJ-01  0.0000000
## 3936    MUC4 TCGA-B6-A0IJ-01  0.0000000
## 3937    CDH1 TCGA-B6-A0IJ-01  0.0000000
## 3938   PIK3CA TCGA-B6-A0IJ-01  0.0000000
## 3939   GATA3 TCGA-B6-A0IJ-01  0.0000000
## 3940     TTN TCGA-B6-A0IJ-01  1.0000000
## 3941   MUC16 TCGA-B6-A0IK-01  1.0000000
## 3942    MLL3 TCGA-B6-A0IK-01  0.0000000
## 3943   MAP3K1 TCGA-B6-A0IK-01  0.0000000
```

```
## 3944     TP53 TCGA-B6-A0IK-01  1.0000000
## 3945 CROCCP2 TCGA-B6-A0IK-01  0.0000000
## 3946     MUC4 TCGA-B6-A0IK-01  0.0000000
## 3947     CDH1 TCGA-B6-A0IK-01  0.0000000
## 3948   PIK3CA TCGA-B6-A0IK-01  1.0000000
## 3949    GATA3 TCGA-B6-A0IK-01  0.0000000
## 3950      TTN TCGA-B6-A0IK-01  0.0000000
## 3951    MUC16 TCGA-B6-A0IM-01  0.0000000
## 3952     MLL3 TCGA-B6-A0IM-01  0.0000000
## 3953   MAP3K1 TCGA-B6-A0IM-01  1.0000000
## 3954     TP53 TCGA-B6-A0IM-01  0.0000000
## 3955 CROCCP2 TCGA-B6-A0IM-01  0.0000000
## 3956     MUC4 TCGA-B6-A0IM-01  0.0000000
## 3957     CDH1 TCGA-B6-A0IM-01  0.0000000
## 3958   PIK3CA TCGA-B6-A0IM-01  0.0000000
## 3959    GATA3 TCGA-B6-A0IM-01  1.0000000
## 3960      TTN TCGA-B6-A0IM-01  0.0000000
## 3961    MUC16 TCGA-B6-A0IN-01  0.0000000
## 3962     MLL3 TCGA-B6-A0IN-01  0.0000000
## 3963   MAP3K1 TCGA-B6-A0IN-01  0.0000000
## 3964     TP53 TCGA-B6-A0IN-01  0.0000000
## 3965 CROCCP2 TCGA-B6-A0IN-01  0.0000000
## 3966     MUC4 TCGA-B6-A0IN-01  0.0000000
## 3967     CDH1 TCGA-B6-A0IN-01  0.0000000
## 3968   PIK3CA TCGA-B6-A0IN-01  0.0000000
## 3969    GATA3 TCGA-B6-A0IN-01  1.0000000
## 3970      TTN TCGA-B6-A0IN-01  1.0000000
## 3971    MUC16 TCGA-B6-A0IO-01  0.0000000
## 3972     MLL3 TCGA-B6-A0IO-01  0.0000000
## 3973   MAP3K1 TCGA-B6-A0IO-01  1.0000000
## 3974     TP53 TCGA-B6-A0IO-01  0.0000000
## 3975 CROCCP2 TCGA-B6-A0IO-01  0.0000000
## 3976     MUC4 TCGA-B6-A0IO-01  1.0000000
## 3977     CDH1 TCGA-B6-A0IO-01  0.0000000
## 3978   PIK3CA TCGA-B6-A0IO-01  0.0000000
## 3979    GATA3 TCGA-B6-A0IO-01  1.0000000
## 3980      TTN TCGA-B6-A0IO-01  0.0000000
## 3981    MUC16 TCGA-B6-A0IP-01  0.0000000
## 3982     MLL3 TCGA-B6-A0IP-01  1.0000000
## 3983   MAP3K1 TCGA-B6-A0IP-01  0.0000000
## 3984     TP53 TCGA-B6-A0IP-01  0.0000000
## 3985 CROCCP2 TCGA-B6-A0IP-01  0.0000000
## 3986     MUC4 TCGA-B6-A0IP-01  0.0000000
## 3987     CDH1 TCGA-B6-A0IP-01  1.0000000
## 3988   PIK3CA TCGA-B6-A0IP-01  1.0000000
## 3989    GATA3 TCGA-B6-A0IP-01  0.0000000
## 3990      TTN TCGA-B6-A0IP-01  1.0000000
## 3991    MUC16 TCGA-B6-A0IQ-01  0.0000000
## 3992     MLL3 TCGA-B6-A0IQ-01  0.0000000
## 3993   MAP3K1 TCGA-B6-A0IQ-01  0.0000000
## 3994     TP53 TCGA-B6-A0IQ-01  1.0000000
## 3995 CROCCP2 TCGA-B6-A0IQ-01  0.0000000
## 3996     MUC4 TCGA-B6-A0IQ-01  0.0000000
## 3997     CDH1 TCGA-B6-A0IQ-01  0.0000000
```

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## 3998  PIK3CA TCGA-B6-A0IQ-01  0.0000000
## 3999   GATA3 TCGA-B6-A0IQ-01  0.0000000
## 4000     TTN TCGA-B6-A0IQ-01  0.0000000
## 4001   MUC16 TCGA-B6-A0RE-01  0.0000000
## 4002    MLL3 TCGA-B6-A0RE-01  0.0000000
## 4003  MAP3K1 TCGA-B6-A0RE-01  0.0000000
## 4004    TP53 TCGA-B6-A0RE-01  1.0000000
## 4005 CROCCP2 TCGA-B6-A0RE-01  0.0000000
## 4006    MUC4 TCGA-B6-A0RE-01  0.0000000
## 4007    CDH1 TCGA-B6-A0RE-01  0.0000000
## 4008  PIK3CA TCGA-B6-A0RE-01  0.0000000
## 4009   GATA3 TCGA-B6-A0RE-01  0.0000000
## 4010     TTN TCGA-B6-A0RE-01  0.0000000
## 4011   MUC16 TCGA-B6-A0RG-01  0.0000000
## 4012    MLL3 TCGA-B6-A0RG-01  0.0000000
## 4013  MAP3K1 TCGA-B6-A0RG-01  0.0000000
## 4014    TP53 TCGA-B6-A0RG-01  0.0000000
## 4015 CROCCP2 TCGA-B6-A0RG-01  0.0000000
## 4016    MUC4 TCGA-B6-A0RG-01  0.0000000
## 4017    CDH1 TCGA-B6-A0RG-01  0.0000000
## 4018  PIK3CA TCGA-B6-A0RG-01  1.0000000
## 4019   GATA3 TCGA-B6-A0RG-01  1.0000000
## 4020     TTN TCGA-B6-A0RG-01  0.0000000
## 4021   MUC16 TCGA-B6-A0RH-01  0.0000000
## 4022    MLL3 TCGA-B6-A0RH-01  0.0000000
## 4023  MAP3K1 TCGA-B6-A0RH-01  0.0000000
## 4024    TP53 TCGA-B6-A0RH-01  1.0000000
## 4025 CROCCP2 TCGA-B6-A0RH-01  1.0000000
## 4026    MUC4 TCGA-B6-A0RH-01  0.0000000
## 4027    CDH1 TCGA-B6-A0RH-01  0.0000000
## 4028  PIK3CA TCGA-B6-A0RH-01  1.0000000
## 4029   GATA3 TCGA-B6-A0RH-01  0.0000000
## 4030     TTN TCGA-B6-A0RH-01  0.0000000
## 4031   MUC16 TCGA-B6-A0RI-01  0.0000000
## 4032    MLL3 TCGA-B6-A0RI-01  0.0000000
## 4033  MAP3K1 TCGA-B6-A0RI-01  0.0000000
## 4034    TP53 TCGA-B6-A0RI-01  0.0000000
## 4035 CROCCP2 TCGA-B6-A0RI-01  0.0000000
## 4036    MUC4 TCGA-B6-A0RI-01  0.0000000
## 4037    CDH1 TCGA-B6-A0RI-01  0.0000000
## 4038  PIK3CA TCGA-B6-A0RI-01  0.0000000
## 4039   GATA3 TCGA-B6-A0RI-01  0.0000000
## 4040     TTN TCGA-B6-A0RI-01  0.0000000
## 4041   MUC16 TCGA-B6-A0RN-01  0.0000000
## 4042    MLL3 TCGA-B6-A0RN-01  0.0000000
## 4043  MAP3K1 TCGA-B6-A0RN-01  0.0000000
## 4044    TP53 TCGA-B6-A0RN-01  0.0000000
## 4045 CROCCP2 TCGA-B6-A0RN-01  0.0000000
## 4046    MUC4 TCGA-B6-A0RN-01  0.0000000
## 4047    CDH1 TCGA-B6-A0RN-01  0.0000000
## 4048  PIK3CA TCGA-B6-A0RN-01  1.0000000
## 4049   GATA3 TCGA-B6-A0RN-01  0.0000000
## 4050     TTN TCGA-B6-A0RN-01  0.0000000
## 4051   MUC16 TCGA-B6-A0RO-01  0.0000000
```

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## 4052    MLL3 TCGA-B6-A0RO-01  0.0000000
## 4053  MAP3K1 TCGA-B6-A0RO-01  0.0000000
## 4054    TP53 TCGA-B6-A0RO-01  0.0000000
## 4055 CROCCP2 TCGA-B6-A0RO-01  0.0000000
## 4056    MUC4 TCGA-B6-A0RO-01  0.0000000
## 4057    CDH1 TCGA-B6-A0RO-01  0.0000000
## 4058  PIK3CA TCGA-B6-A0RO-01  1.0000000
## 4059   GATA3 TCGA-B6-A0RO-01  0.0000000
## 4060     TTN TCGA-B6-A0RO-01  0.0000000
## 4061   MUC16 TCGA-B6-A0RP-01  1.0000000
## 4062    MLL3 TCGA-B6-A0RP-01  1.0000000
## 4063  MAP3K1 TCGA-B6-A0RP-01  0.0000000
## 4064    TP53 TCGA-B6-A0RP-01  0.0000000
## 4065 CROCCP2 TCGA-B6-A0RP-01  0.0000000
## 4066    MUC4 TCGA-B6-A0RP-01  0.0000000
## 4067    CDH1 TCGA-B6-A0RP-01  0.0000000
## 4068  PIK3CA TCGA-B6-A0RP-01  0.0000000
## 4069   GATA3 TCGA-B6-A0RP-01  0.0000000
## 4070     TTN TCGA-B6-A0RP-01  1.0000000
## 4071   MUC16 TCGA-B6-A0RQ-01  0.0000000
## 4072    MLL3 TCGA-B6-A0RQ-01  0.0000000
## 4073  MAP3K1 TCGA-B6-A0RQ-01  0.0000000
## 4074    TP53 TCGA-B6-A0RQ-01  0.0000000
## 4075 CROCCP2 TCGA-B6-A0RQ-01  0.0000000
## 4076    MUC4 TCGA-B6-A0RQ-01  0.0000000
## 4077    CDH1 TCGA-B6-A0RQ-01  1.0000000
## 4078  PIK3CA TCGA-B6-A0RQ-01  1.0000000
## 4079   GATA3 TCGA-B6-A0RQ-01  0.0000000
## 4080     TTN TCGA-B6-A0RQ-01  0.0000000
## 4081   MUC16 TCGA-B6-A0RT-01  0.0000000
## 4082    MLL3 TCGA-B6-A0RT-01  0.0000000
## 4083  MAP3K1 TCGA-B6-A0RT-01  0.0000000
## 4084    TP53 TCGA-B6-A0RT-01  0.0000000
## 4085 CROCCP2 TCGA-B6-A0RT-01  0.0000000
## 4086    MUC4 TCGA-B6-A0RT-01  0.0000000
## 4087    CDH1 TCGA-B6-A0RT-01  0.0000000
## 4088  PIK3CA TCGA-B6-A0RT-01  0.0000000
## 4089   GATA3 TCGA-B6-A0RT-01  0.0000000
## 4090     TTN TCGA-B6-A0RT-01  0.0000000
## 4091   MUC16 TCGA-B6-A0RU-01  0.0000000
## 4092    MLL3 TCGA-B6-A0RU-01  0.0000000
## 4093  MAP3K1 TCGA-B6-A0RU-01  0.0000000
## 4094    TP53 TCGA-B6-A0RU-01  1.0000000
## 4095 CROCCP2 TCGA-B6-A0RU-01  0.0000000
## 4096    MUC4 TCGA-B6-A0RU-01  0.0000000
## 4097    CDH1 TCGA-B6-A0RU-01  0.0000000
## 4098  PIK3CA TCGA-B6-A0RU-01  0.0000000
## 4099   GATA3 TCGA-B6-A0RU-01  0.0000000
## 4100     TTN TCGA-B6-A0RU-01  0.0000000
## 4101   MUC16 TCGA-B6-A0RV-01  0.0000000
## 4102    MLL3 TCGA-B6-A0RV-01  0.0000000
## 4103  MAP3K1 TCGA-B6-A0RV-01  0.0000000
## 4104    TP53 TCGA-B6-A0RV-01  0.0000000
## 4105 CROCCP2 TCGA-B6-A0RV-01  0.0000000
```

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## 4106    MUC4 TCGA-B6-A0RV-01  0.0000000
## 4107    CDH1 TCGA-B6-A0RV-01  0.0000000
## 4108  PIK3CA TCGA-B6-A0RV-01  0.0000000
## 4109   GATA3 TCGA-B6-A0RV-01  0.0000000
## 4110     TTN TCGA-B6-A0RV-01  0.0000000
## 4111   MUC16 TCGA-B6-A0WS-01  0.0000000
## 4112    MLL3 TCGA-B6-A0WS-01  0.0000000
## 4113  MAP3K1 TCGA-B6-A0WS-01  0.0000000
## 4114    TP53 TCGA-B6-A0WS-01  0.0000000
## 4115 CROCCP2 TCGA-B6-A0WS-01  0.0000000
## 4116    MUC4 TCGA-B6-A0WS-01  0.0000000
## 4117    CDH1 TCGA-B6-A0WS-01  0.0000000
## 4118  PIK3CA TCGA-B6-A0WS-01  0.0000000
## 4119   GATA3 TCGA-B6-A0WS-01  1.0000000
## 4120     TTN TCGA-B6-A0WS-01  0.0000000
## 4121   MUC16 TCGA-B6-A0WT-01  0.0000000
## 4122    MLL3 TCGA-B6-A0WT-01  0.0000000
## 4123  MAP3K1 TCGA-B6-A0WT-01  0.0000000
## 4124    TP53 TCGA-B6-A0WT-01  0.0000000
## 4125 CROCCP2 TCGA-B6-A0WT-01  1.0000000
## 4126    MUC4 TCGA-B6-A0WT-01  0.0000000
## 4127    CDH1 TCGA-B6-A0WT-01  0.0000000
## 4128  PIK3CA TCGA-B6-A0WT-01  0.0000000
## 4129   GATA3 TCGA-B6-A0WT-01  0.0000000
## 4130     TTN TCGA-B6-A0WT-01  0.0000000
## 4131   MUC16 TCGA-B6-A0WV-01  0.0000000
## 4132    MLL3 TCGA-B6-A0WV-01  1.0000000
## 4133  MAP3K1 TCGA-B6-A0WV-01  0.0000000
## 4134    TP53 TCGA-B6-A0WV-01  0.0000000
## 4135 CROCCP2 TCGA-B6-A0WV-01  0.0000000
## 4136    MUC4 TCGA-B6-A0WV-01  0.0000000
## 4137    CDH1 TCGA-B6-A0WV-01  0.0000000
## 4138  PIK3CA TCGA-B6-A0WV-01  0.0000000
## 4139   GATA3 TCGA-B6-A0WV-01  1.0000000
## 4140     TTN TCGA-B6-A0WV-01  0.0000000
## 4141   MUC16 TCGA-B6-A0WW-01  0.0000000
## 4142    MLL3 TCGA-B6-A0WW-01  0.0000000
## 4143  MAP3K1 TCGA-B6-A0WW-01  0.0000000
## 4144    TP53 TCGA-B6-A0WW-01  0.0000000
## 4145 CROCCP2 TCGA-B6-A0WW-01  0.0000000
## 4146    MUC4 TCGA-B6-A0WW-01  0.0000000
## 4147    CDH1 TCGA-B6-A0WW-01  0.0000000
## 4148  PIK3CA TCGA-B6-A0WW-01  1.0000000
## 4149   GATA3 TCGA-B6-A0WW-01  0.0000000
## 4150     TTN TCGA-B6-A0WW-01  0.0000000
## 4151   MUC16 TCGA-B6-A0WX-01  0.0000000
## 4152    MLL3 TCGA-B6-A0WX-01  0.0000000
## 4153  MAP3K1 TCGA-B6-A0WX-01  0.0000000
## 4154    TP53 TCGA-B6-A0WX-01  1.0000000
## 4155 CROCCP2 TCGA-B6-A0WX-01  0.0000000
## 4156    MUC4 TCGA-B6-A0WX-01  0.0000000
## 4157    CDH1 TCGA-B6-A0WX-01  0.0000000
## 4158  PIK3CA TCGA-B6-A0WX-01  0.0000000
## 4159   GATA3 TCGA-B6-A0WX-01  0.0000000
```

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## 4160     TTN TCGA-B6-A0WX-01  0.0000000
## 4161   MUC16 TCGA-B6-A0WY-01  0.0000000
## 4162    MLL3 TCGA-B6-A0WY-01  0.0000000
## 4163  MAP3K1 TCGA-B6-A0WY-01  0.0000000
## 4164    TP53 TCGA-B6-A0WY-01  0.0000000
## 4165 CROCCP2 TCGA-B6-A0WY-01  0.0000000
## 4166    MUC4 TCGA-B6-A0WY-01  0.0000000
## 4167    CDH1 TCGA-B6-A0WY-01  0.0000000
## 4168   PIK3CA TCGA-B6-A0WY-01  0.0000000
## 4169   GATA3 TCGA-B6-A0WY-01  0.0000000
## 4170     TTN TCGA-B6-A0WY-01  0.0000000
## 4171   MUC16 TCGA-B6-A0WZ-01  0.0000000
## 4172    MLL3 TCGA-B6-A0WZ-01  0.0000000
## 4173  MAP3K1 TCGA-B6-A0WZ-01  0.0000000
## 4174    TP53 TCGA-B6-A0WZ-01  0.0000000
## 4175 CROCCP2 TCGA-B6-A0WZ-01  0.0000000
## 4176    MUC4 TCGA-B6-A0WZ-01  0.0000000
## 4177    CDH1 TCGA-B6-A0WZ-01  0.0000000
## 4178   PIK3CA TCGA-B6-A0WZ-01  0.0000000
## 4179   GATA3 TCGA-B6-A0WZ-01  0.0000000
## 4180     TTN TCGA-B6-A0WZ-01  0.0000000
## 4181   MUC16 TCGA-B6-A0X0-01  0.0000000
## 4182    MLL3 TCGA-B6-A0X0-01  0.0000000
## 4183  MAP3K1 TCGA-B6-A0X0-01  0.0000000
## 4184    TP53 TCGA-B6-A0X0-01  0.0000000
## 4185 CROCCP2 TCGA-B6-A0X0-01  0.0000000
## 4186    MUC4 TCGA-B6-A0X0-01  0.0000000
## 4187    CDH1 TCGA-B6-A0X0-01  0.0000000
## 4188   PIK3CA TCGA-B6-A0X0-01  0.0000000
## 4189   GATA3 TCGA-B6-A0X0-01  1.0000000
## 4190     TTN TCGA-B6-A0X0-01  0.0000000
## 4191   MUC16 TCGA-B6-A0X1-01  0.0000000
## 4192    MLL3 TCGA-B6-A0X1-01  0.0000000
## 4193  MAP3K1 TCGA-B6-A0X1-01  0.0000000
## 4194    TP53 TCGA-B6-A0X1-01  1.0000000
## 4195 CROCCP2 TCGA-B6-A0X1-01  0.0000000
## 4196    MUC4 TCGA-B6-A0X1-01  0.0000000
## 4197    CDH1 TCGA-B6-A0X1-01  0.0000000
## 4198   PIK3CA TCGA-B6-A0X1-01  0.0000000
## 4199   GATA3 TCGA-B6-A0X1-01  0.0000000
## 4200     TTN TCGA-B6-A0X1-01  1.0000000
## 4201   MUC16 TCGA-B6-A0X4-01  1.0000000
## 4202    MLL3 TCGA-B6-A0X4-01  1.0000000
## 4203  MAP3K1 TCGA-B6-A0X4-01  0.0000000
## 4204    TP53 TCGA-B6-A0X4-01  0.0000000
## 4205 CROCCP2 TCGA-B6-A0X4-01  0.0000000
## 4206    MUC4 TCGA-B6-A0X4-01  0.0000000
## 4207    CDH1 TCGA-B6-A0X4-01  0.0000000
## 4208   PIK3CA TCGA-B6-A0X4-01  0.0000000
## 4209   GATA3 TCGA-B6-A0X4-01  1.0000000
## 4210     TTN TCGA-B6-A0X4-01  0.0000000
## 4211   MUC16 TCGA-B6-A0X5-01  0.0000000
## 4212    MLL3 TCGA-B6-A0X5-01  0.0000000
## 4213  MAP3K1 TCGA-B6-A0X5-01  0.0000000
```

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## 4214     TP53 TCGA-B6-A0X5-01  0.0000000
## 4215 CROCCP2 TCGA-B6-A0X5-01  1.0000000
## 4216    MUC4 TCGA-B6-A0X5-01  0.0000000
## 4217    CDH1 TCGA-B6-A0X5-01  0.0000000
## 4218  PIK3CA TCGA-B6-A0X5-01  1.0000000
## 4219   GATA3 TCGA-B6-A0X5-01  0.0000000
## 4220     TTN TCGA-B6-A0X5-01  0.0000000
## 4221   MUC16 TCGA-B6-A0X7-01  0.0000000
## 4222    MLL3 TCGA-B6-A0X7-01  0.0000000
## 4223   MAP3K1 TCGA-B6-A0X7-01  0.0000000
## 4224     TP53 TCGA-B6-A0X7-01  0.0000000
## 4225 CROCCP2 TCGA-B6-A0X7-01  0.0000000
## 4226    MUC4 TCGA-B6-A0X7-01  0.0000000
## 4227    CDH1 TCGA-B6-A0X7-01  0.0000000
## 4228  PIK3CA TCGA-B6-A0X7-01  1.0000000
## 4229   GATA3 TCGA-B6-A0X7-01  0.0000000
## 4230     TTN TCGA-B6-A0X7-01  0.0000000
## 4231   MUC16 TCGA-B6-A1KC-01  0.0000000
## 4232    MLL3 TCGA-B6-A1KC-01  0.0000000
## 4233   MAP3K1 TCGA-B6-A1KC-01  0.0000000
## 4234     TP53 TCGA-B6-A1KC-01  0.0000000
## 4235 CROCCP2 TCGA-B6-A1KC-01  0.0000000
## 4236    MUC4 TCGA-B6-A1KC-01  0.0000000
## 4237    CDH1 TCGA-B6-A1KC-01  0.0000000
## 4238  PIK3CA TCGA-B6-A1KC-01  0.0000000
## 4239   GATA3 TCGA-B6-A1KC-01  0.0000000
## 4240     TTN TCGA-B6-A1KC-01  0.0000000
## 4241   MUC16 TCGA-B6-A1KF-01  0.0000000
## 4242    MLL3 TCGA-B6-A1KF-01  0.0000000
## 4243   MAP3K1 TCGA-B6-A1KF-01  0.0000000
## 4244     TP53 TCGA-B6-A1KF-01  1.0000000
## 4245 CROCCP2 TCGA-B6-A1KF-01  0.0000000
## 4246    MUC4 TCGA-B6-A1KF-01  0.0000000
## 4247    CDH1 TCGA-B6-A1KF-01  0.0000000
## 4248  PIK3CA TCGA-B6-A1KF-01  0.0000000
## 4249   GATA3 TCGA-B6-A1KF-01  0.0000000
## 4250     TTN TCGA-B6-A1KF-01  0.0000000
## 4251   MUC16 TCGA-B6-A1KI-01  0.0000000
## 4252    MLL3 TCGA-B6-A1KI-01  0.0000000
## 4253   MAP3K1 TCGA-B6-A1KI-01  1.0000000
## 4254     TP53 TCGA-B6-A1KI-01  0.0000000
## 4255 CROCCP2 TCGA-B6-A1KI-01  0.0000000
## 4256    MUC4 TCGA-B6-A1KI-01  0.0000000
## 4257    CDH1 TCGA-B6-A1KI-01  0.0000000
## 4258  PIK3CA TCGA-B6-A1KI-01  1.0000000
## 4259   GATA3 TCGA-B6-A1KI-01  0.0000000
## 4260     TTN TCGA-B6-A1KI-01  0.0000000
## 4261   MUC16 TCGA-B6-A1KN-01  0.0000000
## 4262    MLL3 TCGA-B6-A1KN-01  0.0000000
## 4263   MAP3K1 TCGA-B6-A1KN-01  0.0000000
## 4264     TP53 TCGA-B6-A1KN-01  1.0000000
## 4265 CROCCP2 TCGA-B6-A1KN-01  0.0000000
## 4266    MUC4 TCGA-B6-A1KN-01  0.0000000
## 4267    CDH1 TCGA-B6-A1KN-01  0.0000000
```

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## 4268   PIK3CA TCGA-B6-A1KN-01  0.0000000
## 4269    GATA3 TCGA-B6-A1KN-01  0.0000000
## 4270      TTN TCGA-B6-A1KN-01  0.0000000
## 4271    MUC16 TCGA-B6-A2IU-01  0.0000000
## 4272     MLL3 TCGA-B6-A2IU-01  0.0000000
## 4273    MAP3K1 TCGA-B6-A2IU-01  0.0000000
## 4274     TP53 TCGA-B6-A2IU-01  0.0000000
## 4275  CROCCP2 TCGA-B6-A2IU-01  0.0000000
## 4276     MUC4 TCGA-B6-A2IU-01  0.0000000
## 4277     CDH1 TCGA-B6-A2IU-01  1.0000000
## 4278   PIK3CA TCGA-B6-A2IU-01  0.0000000
## 4279    GATA3 TCGA-B6-A2IU-01  0.0000000
## 4280      TTN TCGA-B6-A2IU-01  0.0000000
## 4281    MUC16 TCGA-B6-A3ZX-01  0.0000000
## 4282     MLL3 TCGA-B6-A3ZX-01  0.0000000
## 4283    MAP3K1 TCGA-B6-A3ZX-01  0.0000000
## 4284     TP53 TCGA-B6-A3ZX-01  1.0000000
## 4285  CROCCP2 TCGA-B6-A3ZX-01  0.0000000
## 4286     MUC4 TCGA-B6-A3ZX-01  0.0000000
## 4287     CDH1 TCGA-B6-A3ZX-01  0.0000000
## 4288   PIK3CA TCGA-B6-A3ZX-01  0.0000000
## 4289    GATA3 TCGA-B6-A3ZX-01  0.0000000
## 4290      TTN TCGA-B6-A3ZX-01  0.0000000
## 4291    MUC16 TCGA-B6-A400-01  0.0000000
## 4292     MLL3 TCGA-B6-A400-01  0.0000000
## 4293    MAP3K1 TCGA-B6-A400-01  0.0000000
## 4294     TP53 TCGA-B6-A400-01  1.0000000
## 4295  CROCCP2 TCGA-B6-A400-01  0.0000000
## 4296     MUC4 TCGA-B6-A400-01  0.0000000
## 4297     CDH1 TCGA-B6-A400-01  0.0000000
## 4298   PIK3CA TCGA-B6-A400-01  0.0000000
## 4299    GATA3 TCGA-B6-A400-01  0.0000000
## 4300      TTN TCGA-B6-A400-01  0.0000000
## 4301    MUC16 TCGA-B6-A401-01  0.0000000
## 4302     MLL3 TCGA-B6-A401-01  0.0000000
## 4303    MAP3K1 TCGA-B6-A401-01  0.0000000
## 4304     TP53 TCGA-B6-A401-01  1.0000000
## 4305  CROCCP2 TCGA-B6-A401-01  0.0000000
## 4306     MUC4 TCGA-B6-A401-01  0.0000000
## 4307     CDH1 TCGA-B6-A401-01  0.0000000
## 4308   PIK3CA TCGA-B6-A401-01  1.0000000
## 4309    GATA3 TCGA-B6-A401-01  0.0000000
## 4310      TTN TCGA-B6-A401-01  0.0000000
## 4311    MUC16 TCGA-B6-A402-01  0.0000000
## 4312     MLL3 TCGA-B6-A402-01  0.0000000
## 4313    MAP3K1 TCGA-B6-A402-01  0.0000000
## 4314     TP53 TCGA-B6-A402-01  1.0000000
## 4315  CROCCP2 TCGA-B6-A402-01  0.0000000
## 4316     MUC4 TCGA-B6-A402-01  0.0000000
## 4317     CDH1 TCGA-B6-A402-01  0.0000000
## 4318   PIK3CA TCGA-B6-A402-01  0.0000000
## 4319    GATA3 TCGA-B6-A402-01  0.0000000
## 4320      TTN TCGA-B6-A402-01  0.0000000
## 4321    MUC16 TCGA-B6-A408-01  0.0000000
```

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## 4322     MLL3 TCGA-B6-A408-01  1.0000000
## 4323  MAP3K1 TCGA-B6-A408-01  0.0000000
## 4324     TP53 TCGA-B6-A408-01  0.0000000
## 4325 CROCCP2 TCGA-B6-A408-01  0.0000000
## 4326     MUC4 TCGA-B6-A408-01  0.0000000
## 4327     CDH1 TCGA-B6-A408-01  0.0000000
## 4328   PIK3CA TCGA-B6-A408-01  1.0000000
## 4329    GATA3 TCGA-B6-A408-01  0.0000000
## 4330      TTN TCGA-B6-A408-01  0.0000000
## 4331    MUC16 TCGA-B6-A409-01  0.0000000
## 4332     MLL3 TCGA-B6-A409-01  0.0000000
## 4333  MAP3K1 TCGA-B6-A409-01  0.0000000
## 4334     TP53 TCGA-B6-A409-01  1.0000000
## 4335 CROCCP2 TCGA-B6-A409-01  0.0000000
## 4336     MUC4 TCGA-B6-A409-01  0.0000000
## 4337     CDH1 TCGA-B6-A409-01  0.0000000
## 4338   PIK3CA TCGA-B6-A409-01  0.0000000
## 4339    GATA3 TCGA-B6-A409-01  0.0000000
## 4340      TTN TCGA-B6-A409-01  0.0000000
## 4341    MUC16 TCGA-B6-A40B-01  0.0000000
## 4342     MLL3 TCGA-B6-A40B-01  0.0000000
## 4343  MAP3K1 TCGA-B6-A40B-01  0.0000000
## 4344     TP53 TCGA-B6-A40B-01  0.0000000
## 4345 CROCCP2 TCGA-B6-A40B-01  0.0000000
## 4346     MUC4 TCGA-B6-A40B-01  0.0000000
## 4347     CDH1 TCGA-B6-A40B-01  1.0000000
## 4348   PIK3CA TCGA-B6-A40B-01  1.0000000
## 4349    GATA3 TCGA-B6-A40B-01  0.0000000
## 4350      TTN TCGA-B6-A40B-01  0.0000000
## 4351    MUC16 TCGA-B6-A40C-01  0.0000000
## 4352     MLL3 TCGA-B6-A40C-01  0.0000000
## 4353  MAP3K1 TCGA-B6-A40C-01  0.0000000
## 4354     TP53 TCGA-B6-A40C-01  0.0000000
## 4355 CROCCP2 TCGA-B6-A40C-01  0.0000000
## 4356     MUC4 TCGA-B6-A40C-01  0.0000000
## 4357     CDH1 TCGA-B6-A40C-01  1.0000000
## 4358   PIK3CA TCGA-B6-A40C-01  0.0000000
## 4359    GATA3 TCGA-B6-A40C-01  1.0000000
## 4360      TTN TCGA-B6-A40C-01  0.0000000
## 4361    MUC16 TCGA-BH-A0AU-01  0.0000000
## 4362     MLL3 TCGA-BH-A0AU-01  0.0000000
## 4363  MAP3K1 TCGA-BH-A0AU-01  0.0000000
## 4364     TP53 TCGA-BH-A0AU-01  0.0000000
## 4365 CROCCP2 TCGA-BH-A0AU-01  0.0000000
## 4366     MUC4 TCGA-BH-A0AU-01  0.0000000
## 4367     CDH1 TCGA-BH-A0AU-01  0.0000000
## 4368   PIK3CA TCGA-BH-A0AU-01  0.0000000
## 4369    GATA3 TCGA-BH-A0AU-01  0.0000000
## 4370      TTN TCGA-BH-A0AU-01  0.0000000
## 4371    MUC16 TCGA-BH-A0AV-01  0.0000000
## 4372     MLL3 TCGA-BH-A0AV-01  0.0000000
## 4373  MAP3K1 TCGA-BH-A0AV-01  0.0000000
## 4374     TP53 TCGA-BH-A0AV-01  0.0000000
## 4375 CROCCP2 TCGA-BH-A0AV-01  0.0000000
```

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## 4376    MUC4 TCGA-BH-A0AV-01  0.0000000
## 4377    CDH1 TCGA-BH-A0AV-01  0.0000000
## 4378   PIK3CA TCGA-BH-A0AV-01  0.0000000
## 4379   GATA3 TCGA-BH-A0AV-01  0.0000000
## 4380     TTN TCGA-BH-A0AV-01  0.0000000
## 4381   MUC16 TCGA-BH-A0AW-01  1.0000000
## 4382    MLL3 TCGA-BH-A0AW-01  0.0000000
## 4383  MAP3K1 TCGA-BH-A0AW-01  0.0000000
## 4384    TP53 TCGA-BH-A0AW-01  1.0000000
## 4385 CROCCP2 TCGA-BH-A0AW-01  0.0000000
## 4386    MUC4 TCGA-BH-A0AW-01  0.0000000
## 4387    CDH1 TCGA-BH-A0AW-01  0.0000000
## 4388   PIK3CA TCGA-BH-A0AW-01  0.0000000
## 4389   GATA3 TCGA-BH-A0AW-01  0.0000000
## 4390     TTN TCGA-BH-A0AW-01  0.0000000
## 4391   MUC16 TCGA-BH-A0AY-01  0.0000000
## 4392    MLL3 TCGA-BH-A0AY-01  0.0000000
## 4393  MAP3K1 TCGA-BH-A0AY-01  0.0000000
## 4394    TP53 TCGA-BH-A0AY-01  0.0000000
## 4395 CROCCP2 TCGA-BH-A0AY-01  0.0000000
## 4396    MUC4 TCGA-BH-A0AY-01  0.0000000
## 4397    CDH1 TCGA-BH-A0AY-01  0.0000000
## 4398   PIK3CA TCGA-BH-A0AY-01  0.0000000
## 4399   GATA3 TCGA-BH-A0AY-01  0.0000000
## 4400     TTN TCGA-BH-A0AY-01  0.0000000
## 4401   MUC16 TCGA-BH-A0AZ-01  1.0000000
## 4402    MLL3 TCGA-BH-A0AZ-01  0.0000000
## 4403  MAP3K1 TCGA-BH-A0AZ-01  0.0000000
## 4404    TP53 TCGA-BH-A0AZ-01  0.0000000
## 4405 CROCCP2 TCGA-BH-A0AZ-01  0.0000000
## 4406    MUC4 TCGA-BH-A0AZ-01  0.0000000
## 4407    CDH1 TCGA-BH-A0AZ-01  0.0000000
## 4408   PIK3CA TCGA-BH-A0AZ-01  0.0000000
## 4409   GATA3 TCGA-BH-A0AZ-01  1.0000000
## 4410     TTN TCGA-BH-A0AZ-01  0.0000000
## 4411   MUC16 TCGA-BH-A0B0-01  1.0000000
## 4412    MLL3 TCGA-BH-A0B0-01  0.0000000
## 4413  MAP3K1 TCGA-BH-A0B0-01  0.0000000
## 4414    TP53 TCGA-BH-A0B0-01  1.0000000
## 4415 CROCCP2 TCGA-BH-A0B0-01  0.0000000
## 4416    MUC4 TCGA-BH-A0B0-01  0.0000000
## 4417    CDH1 TCGA-BH-A0B0-01  0.0000000
## 4418   PIK3CA TCGA-BH-A0B0-01  1.0000000
## 4419   GATA3 TCGA-BH-A0B0-01  0.0000000
## 4420     TTN TCGA-BH-A0B0-01  0.0000000
## 4421   MUC16 TCGA-BH-A0B3-01  0.0000000
## 4422    MLL3 TCGA-BH-A0B3-01  0.0000000
## 4423  MAP3K1 TCGA-BH-A0B3-01  0.0000000
## 4424    TP53 TCGA-BH-A0B3-01  1.0000000
## 4425 CROCCP2 TCGA-BH-A0B3-01  0.0000000
## 4426    MUC4 TCGA-BH-A0B3-01  0.0000000
## 4427    CDH1 TCGA-BH-A0B3-01  0.0000000
## 4428   PIK3CA TCGA-BH-A0B3-01  0.0000000
## 4429   GATA3 TCGA-BH-A0B3-01  0.0000000
```

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## 4430     TTN TCGA-BH-A0B3-01 0.0000000
## 4431   MUC16 TCGA-BH-A0B4-01 1.0000000
## 4432    MLL3 TCGA-BH-A0B4-01 0.0000000
## 4433  MAP3K1 TCGA-BH-A0B4-01 0.0000000
## 4434    TP53 TCGA-BH-A0B4-01 0.0000000
## 4435 CROCCP2 TCGA-BH-A0B4-01 0.0000000
## 4436    MUC4 TCGA-BH-A0B4-01 0.0000000
## 4437    CDH1 TCGA-BH-A0B4-01 0.0000000
## 4438  PIK3CA TCGA-BH-A0B4-01 0.0000000
## 4439   GATA3 TCGA-BH-A0B4-01 0.0000000
## 4440     TTN TCGA-BH-A0B4-01 0.0000000
## 4441   MUC16 TCGA-BH-A0B5-01 0.0000000
## 4442    MLL3 TCGA-BH-A0B5-01 0.0000000
## 4443  MAP3K1 TCGA-BH-A0B5-01 0.0000000
## 4444    TP53 TCGA-BH-A0B5-01 0.0000000
## 4445 CROCCP2 TCGA-BH-A0B5-01 0.0000000
## 4446    MUC4 TCGA-BH-A0B5-01 0.0000000
## 4447    CDH1 TCGA-BH-A0B5-01 0.0000000
## 4448  PIK3CA TCGA-BH-A0B5-01 1.0000000
## 4449   GATA3 TCGA-BH-A0B5-01 0.0000000
## 4450     TTN TCGA-BH-A0B5-01 0.0000000
## 4451   MUC16 TCGA-BH-A0B6-01 0.0000000
## 4452    MLL3 TCGA-BH-A0B6-01 0.0000000
## 4453  MAP3K1 TCGA-BH-A0B6-01 0.0000000
## 4454    TP53 TCGA-BH-A0B6-01 0.0000000
## 4455 CROCCP2 TCGA-BH-A0B6-01 0.0000000
## 4456    MUC4 TCGA-BH-A0B6-01 0.0000000
## 4457    CDH1 TCGA-BH-A0B6-01 0.0000000
## 4458  PIK3CA TCGA-BH-A0B6-01 1.0000000
## 4459   GATA3 TCGA-BH-A0B6-01 0.0000000
## 4460     TTN TCGA-BH-A0B6-01 1.0000000
## 4461   MUC16 TCGA-BH-A0B7-01 0.0000000
## 4462    MLL3 TCGA-BH-A0B7-01 0.0000000
## 4463  MAP3K1 TCGA-BH-A0B7-01 0.0000000
## 4464    TP53 TCGA-BH-A0B7-01 1.0000000
## 4465 CROCCP2 TCGA-BH-A0B7-01 0.0000000
## 4466    MUC4 TCGA-BH-A0B7-01 0.0000000
## 4467    CDH1 TCGA-BH-A0B7-01 0.0000000
## 4468  PIK3CA TCGA-BH-A0B7-01 0.0000000
## 4469   GATA3 TCGA-BH-A0B7-01 0.0000000
## 4470     TTN TCGA-BH-A0B7-01 0.0000000
## 4471   MUC16 TCGA-BH-A0B9-01 0.0000000
## 4472    MLL3 TCGA-BH-A0B9-01 0.0000000
## 4473  MAP3K1 TCGA-BH-A0B9-01 0.0000000
## 4474    TP53 TCGA-BH-A0B9-01 1.0000000
## 4475 CROCCP2 TCGA-BH-A0B9-01 0.0000000
## 4476    MUC4 TCGA-BH-A0B9-01 0.0000000
## 4477    CDH1 TCGA-BH-A0B9-01 0.0000000
## 4478  PIK3CA TCGA-BH-A0B9-01 0.0000000
## 4479   GATA3 TCGA-BH-A0B9-01 0.0000000
## 4480     TTN TCGA-BH-A0B9-01 0.0000000
## 4481   MUC16 TCGA-BH-A0BA-01 0.0000000
## 4482    MLL3 TCGA-BH-A0BA-01 0.0000000
## 4483  MAP3K1 TCGA-BH-A0BA-01 0.0000000
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## 4484    TP53 TCGA-BH-A0BA-01  0.0000000
## 4485 CROCCP2 TCGA-BH-A0BA-01  0.0000000
## 4486    MUC4 TCGA-BH-A0BA-01  0.0000000
## 4487    CDH1 TCGA-BH-A0BA-01  1.0000000
## 4488  PIK3CA TCGA-BH-A0BA-01  1.0000000
## 4489   GATA3 TCGA-BH-A0BA-01  0.0000000
## 4490     TTN TCGA-BH-A0BA-01  0.0000000
## 4491   MUC16 TCGA-BH-A0BC-01  0.0000000
## 4492    MLL3 TCGA-BH-A0BC-01  0.0000000
## 4493   MAP3K1 TCGA-BH-A0BC-01 0.0000000
## 4494    TP53 TCGA-BH-A0BC-01  1.0000000
## 4495 CROCCP2 TCGA-BH-A0BC-01  0.0000000
## 4496    MUC4 TCGA-BH-A0BC-01  0.0000000
## 4497    CDH1 TCGA-BH-A0BC-01  0.0000000
## 4498  PIK3CA TCGA-BH-A0BC-01  1.0000000
## 4499   GATA3 TCGA-BH-A0BC-01  0.0000000
## 4500     TTN TCGA-BH-A0BC-01  0.0000000
## 4501   MUC16 TCGA-BH-A0BD-01  0.0000000
## 4502    MLL3 TCGA-BH-A0BD-01  0.0000000
## 4503   MAP3K1 TCGA-BH-A0BD-01 0.0000000
## 4504    TP53 TCGA-BH-A0BD-01  0.0000000
## 4505 CROCCP2 TCGA-BH-A0BD-01  0.0000000
## 4506    MUC4 TCGA-BH-A0BD-01  1.0000000
## 4507    CDH1 TCGA-BH-A0BD-01  0.0000000
## 4508  PIK3CA TCGA-BH-A0BD-01  1.0000000
## 4509   GATA3 TCGA-BH-A0BD-01  0.0000000
## 4510     TTN TCGA-BH-A0BD-01  0.0000000
## 4511   MUC16 TCGA-BH-A0BF-01  0.0000000
## 4512    MLL3 TCGA-BH-A0BF-01  0.0000000
## 4513   MAP3K1 TCGA-BH-A0BF-01 0.0000000
## 4514    TP53 TCGA-BH-A0BF-01  0.0000000
## 4515 CROCCP2 TCGA-BH-A0BF-01  0.0000000
## 4516    MUC4 TCGA-BH-A0BF-01  0.0000000
## 4517    CDH1 TCGA-BH-A0BF-01  0.0000000
## 4518  PIK3CA TCGA-BH-A0BF-01  1.0000000
## 4519   GATA3 TCGA-BH-A0BF-01  0.0000000
## 4520     TTN TCGA-BH-A0BF-01  1.0000000
## 4521   MUC16 TCGA-BH-A0BG-01  0.0000000
## 4522    MLL3 TCGA-BH-A0BG-01  0.0000000
## 4523   MAP3K1 TCGA-BH-A0BG-01 0.0000000
## 4524    TP53 TCGA-BH-A0BG-01  1.0000000
## 4525 CROCCP2 TCGA-BH-A0BG-01  0.0000000
## 4526    MUC4 TCGA-BH-A0BG-01  0.0000000
## 4527    CDH1 TCGA-BH-A0BG-01  0.0000000
## 4528  PIK3CA TCGA-BH-A0BG-01  0.0000000
## 4529   GATA3 TCGA-BH-A0BG-01  0.0000000
## 4530     TTN TCGA-BH-A0BG-01  1.0000000
## 4531   MUC16 TCGA-BH-A0BJ-01  0.0000000
## 4532    MLL3 TCGA-BH-A0BJ-01  0.0000000
## 4533   MAP3K1 TCGA-BH-A0BJ-01 0.0000000
## 4534    TP53 TCGA-BH-A0BJ-01  0.0000000
## 4535 CROCCP2 TCGA-BH-A0BJ-01  0.0000000
## 4536    MUC4 TCGA-BH-A0BJ-01  0.0000000
## 4537    CDH1 TCGA-BH-A0BJ-01  0.0000000
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## 4538  PIK3CA TCGA-BH-A0BJ-01  1.0000000
## 4539   GATA3 TCGA-BH-A0BJ-01  0.0000000
## 4540     TTN TCGA-BH-A0BJ-01  0.0000000
## 4541   MUC16 TCGA-BH-A0BL-01  0.0000000
## 4542    MLL3 TCGA-BH-A0BL-01  0.0000000
## 4543   MAP3K1 TCGA-BH-A0BL-01  0.0000000
## 4544    TP53 TCGA-BH-A0BL-01  1.0000000
## 4545 CROCCP2 TCGA-BH-A0BL-01  0.0000000
## 4546    MUC4 TCGA-BH-A0BL-01  0.0000000
## 4547    CDH1 TCGA-BH-A0BL-01  0.0000000
## 4548  PIK3CA TCGA-BH-A0BL-01  0.0000000
## 4549   GATA3 TCGA-BH-A0BL-01  0.0000000
## 4550     TTN TCGA-BH-A0BL-01  0.0000000
## 4551   MUC16 TCGA-BH-A0BM-01  0.0000000
## 4552    MLL3 TCGA-BH-A0BM-01  0.0000000
## 4553   MAP3K1 TCGA-BH-A0BM-01  0.0000000
## 4554    TP53 TCGA-BH-A0BM-01  0.0000000
## 4555 CROCCP2 TCGA-BH-A0BM-01  0.0000000
## 4556    MUC4 TCGA-BH-A0BM-01  0.0000000
## 4557    CDH1 TCGA-BH-A0BM-01  0.0000000
## 4558  PIK3CA TCGA-BH-A0BM-01  1.0000000
## 4559   GATA3 TCGA-BH-A0BM-01  0.0000000
## 4560     TTN TCGA-BH-A0BM-01  0.0000000
## 4561   MUC16 TCGA-BH-A0BO-01  0.0000000
## 4562    MLL3 TCGA-BH-A0BO-01  0.0000000
## 4563   MAP3K1 TCGA-BH-A0BO-01  1.0000000
## 4564    TP53 TCGA-BH-A0BO-01  0.0000000
## 4565 CROCCP2 TCGA-BH-A0BO-01  0.0000000
## 4566    MUC4 TCGA-BH-A0BO-01  0.0000000
## 4567    CDH1 TCGA-BH-A0BO-01  0.0000000
## 4568  PIK3CA TCGA-BH-A0BO-01  1.0000000
## 4569   GATA3 TCGA-BH-A0BO-01  0.0000000
## 4570     TTN TCGA-BH-A0BO-01  0.0000000
## 4571   MUC16 TCGA-BH-A0BP-01  1.0000000
## 4572    MLL3 TCGA-BH-A0BP-01  0.0000000
## 4573   MAP3K1 TCGA-BH-A0BP-01  0.0000000
## 4574    TP53 TCGA-BH-A0BP-01  1.0000000
## 4575 CROCCP2 TCGA-BH-A0BP-01  0.0000000
## 4576    MUC4 TCGA-BH-A0BP-01  0.0000000
## 4577    CDH1 TCGA-BH-A0BP-01  0.0000000
## 4578  PIK3CA TCGA-BH-A0BP-01  0.0000000
## 4579   GATA3 TCGA-BH-A0BP-01  0.0000000
## 4580     TTN TCGA-BH-A0BP-01  1.0000000
## 4581   MUC16 TCGA-BH-A0BQ-01  0.0000000
## 4582    MLL3 TCGA-BH-A0BQ-01  0.0000000
## 4583   MAP3K1 TCGA-BH-A0BQ-01  0.0000000
## 4584    TP53 TCGA-BH-A0BQ-01  0.0000000
## 4585 CROCCP2 TCGA-BH-A0BQ-01  0.0000000
## 4586    MUC4 TCGA-BH-A0BQ-01  0.0000000
## 4587    CDH1 TCGA-BH-A0BQ-01  0.0000000
## 4588  PIK3CA TCGA-BH-A0BQ-01  0.0000000
## 4589   GATA3 TCGA-BH-A0BQ-01  0.0000000
## 4590     TTN TCGA-BH-A0BQ-01  0.0000000
## 4591   MUC16 TCGA-BH-A0BR-01  0.0000000
```

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## 4592    MLL3 TCGA-BH-A0BR-01  0.0000000
## 4593  MAP3K1 TCGA-BH-A0BR-01  0.0000000
## 4594    TP53 TCGA-BH-A0BR-01  1.0000000
## 4595 CROCCP2 TCGA-BH-A0BR-01  0.0000000
## 4596    MUC4 TCGA-BH-A0BR-01  0.0000000
## 4597    CDH1 TCGA-BH-A0BR-01  0.0000000
## 4598   PIK3CA TCGA-BH-A0BR-01  0.0000000
## 4599   GATA3 TCGA-BH-A0BR-01  0.0000000
## 4600     TTN TCGA-BH-A0BR-01  0.0000000
## 4601   MUC16 TCGA-BH-A0BS-01  0.0000000
## 4602    MLL3 TCGA-BH-A0BS-01  0.0000000
## 4603  MAP3K1 TCGA-BH-A0BS-01  0.0000000
## 4604    TP53 TCGA-BH-A0BS-01  0.0000000
## 4605 CROCCP2 TCGA-BH-A0BS-01  0.0000000
## 4606    MUC4 TCGA-BH-A0BS-01  0.0000000
## 4607    CDH1 TCGA-BH-A0BS-01  0.0000000
## 4608   PIK3CA TCGA-BH-A0BS-01  0.0000000
## 4609   GATA3 TCGA-BH-A0BS-01  1.0000000
## 4610     TTN TCGA-BH-A0BS-01  0.0000000
## 4611   MUC16 TCGA-BH-A0BT-01  0.0000000
## 4612    MLL3 TCGA-BH-A0BT-01  0.0000000
## 4613  MAP3K1 TCGA-BH-A0BT-01  0.0000000
## 4614    TP53 TCGA-BH-A0BT-01  1.0000000
## 4615 CROCCP2 TCGA-BH-A0BT-01  0.0000000
## 4616    MUC4 TCGA-BH-A0BT-01  0.0000000
## 4617    CDH1 TCGA-BH-A0BT-01  0.0000000
## 4618   PIK3CA TCGA-BH-A0BT-01  1.0000000
## 4619   GATA3 TCGA-BH-A0BT-01  0.0000000
## 4620     TTN TCGA-BH-A0BT-01  0.0000000
## 4621   MUC16 TCGA-BH-A0BV-01  0.0000000
## 4622    MLL3 TCGA-BH-A0BV-01  0.0000000
## 4623  MAP3K1 TCGA-BH-A0BV-01  0.0000000
## 4624    TP53 TCGA-BH-A0BV-01  0.0000000
## 4625 CROCCP2 TCGA-BH-A0BV-01  0.0000000
## 4626    MUC4 TCGA-BH-A0BV-01  0.0000000
## 4627    CDH1 TCGA-BH-A0BV-01  0.0000000
## 4628   PIK3CA TCGA-BH-A0BV-01  1.0000000
## 4629   GATA3 TCGA-BH-A0BV-01  0.0000000
## 4630     TTN TCGA-BH-A0BV-01  0.0000000
## 4631   MUC16 TCGA-BH-A0BW-01  0.0000000
## 4632    MLL3 TCGA-BH-A0BW-01  1.0000000
## 4633  MAP3K1 TCGA-BH-A0BW-01  0.0000000
## 4634    TP53 TCGA-BH-A0BW-01  0.0000000
## 4635 CROCCP2 TCGA-BH-A0BW-01  0.0000000
## 4636    MUC4 TCGA-BH-A0BW-01  0.0000000
## 4637    CDH1 TCGA-BH-A0BW-01  0.0000000
## 4638   PIK3CA TCGA-BH-A0BW-01  0.0000000
## 4639   GATA3 TCGA-BH-A0BW-01  0.0000000
## 4640     TTN TCGA-BH-A0BW-01  1.0000000
## 4641   MUC16 TCGA-BH-A0BZ-01  0.0000000
## 4642    MLL3 TCGA-BH-A0BZ-01  0.0000000
## 4643  MAP3K1 TCGA-BH-A0BZ-01  0.0000000
## 4644    TP53 TCGA-BH-A0BZ-01  0.0000000
## 4645 CROCCP2 TCGA-BH-A0BZ-01  0.0000000
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## 4646    MUC4 TCGA-BH-A0BZ-01  0.0000000
## 4647    CDH1 TCGA-BH-A0BZ-01  0.0000000
## 4648  PIK3CA TCGA-BH-A0BZ-01  0.0000000
## 4649   GATA3 TCGA-BH-A0BZ-01  0.0000000
## 4650     TTN TCGA-BH-A0BZ-01  1.0000000
## 4651   MUC16 TCGA-BH-A0C0-01  0.0000000
## 4652    MLL3 TCGA-BH-A0C0-01  0.0000000
## 4653  MAP3K1 TCGA-BH-A0C0-01  0.0000000
## 4654    TP53 TCGA-BH-A0C0-01  1.0000000
## 4655 CROCCP2 TCGA-BH-A0C0-01  0.0000000
## 4656    MUC4 TCGA-BH-A0C0-01  0.0000000
## 4657    CDH1 TCGA-BH-A0C0-01  0.0000000
## 4658  PIK3CA TCGA-BH-A0C0-01  0.0000000
## 4659   GATA3 TCGA-BH-A0C0-01  0.0000000
## 4660     TTN TCGA-BH-A0C0-01  0.0000000
## 4661   MUC16 TCGA-BH-A0C1-01  0.0000000
## 4662    MLL3 TCGA-BH-A0C1-01  0.0000000
## 4663  MAP3K1 TCGA-BH-A0C1-01  0.0000000
## 4664    TP53 TCGA-BH-A0C1-01  0.0000000
## 4665 CROCCP2 TCGA-BH-A0C1-01  0.0000000
## 4666    MUC4 TCGA-BH-A0C1-01  0.0000000
## 4667    CDH1 TCGA-BH-A0C1-01  1.0000000
## 4668  PIK3CA TCGA-BH-A0C1-01  0.0000000
## 4669   GATA3 TCGA-BH-A0C1-01  0.0000000
## 4670     TTN TCGA-BH-A0C1-01  0.0000000
## 4671   MUC16 TCGA-BH-A0C3-01  0.0000000
## 4672    MLL3 TCGA-BH-A0C3-01  0.0000000
## 4673  MAP3K1 TCGA-BH-A0C3-01  0.0000000
## 4674    TP53 TCGA-BH-A0C3-01  1.0000000
## 4675 CROCCP2 TCGA-BH-A0C3-01  0.0000000
## 4676    MUC4 TCGA-BH-A0C3-01  0.0000000
## 4677    CDH1 TCGA-BH-A0C3-01  0.0000000
## 4678  PIK3CA TCGA-BH-A0C3-01  0.0000000
## 4679   GATA3 TCGA-BH-A0C3-01  0.0000000
## 4680     TTN TCGA-BH-A0C3-01  0.0000000
## 4681   MUC16 TCGA-BH-A0C7-01  0.0000000
## 4682    MLL3 TCGA-BH-A0C7-01  0.0000000
## 4683  MAP3K1 TCGA-BH-A0C7-01  0.0000000
## 4684    TP53 TCGA-BH-A0C7-01  0.0000000
## 4685 CROCCP2 TCGA-BH-A0C7-01  1.0000000
## 4686    MUC4 TCGA-BH-A0C7-01  0.0000000
## 4687    CDH1 TCGA-BH-A0C7-01  0.0000000
## 4688  PIK3CA TCGA-BH-A0C7-01  0.0000000
## 4689   GATA3 TCGA-BH-A0C7-01  1.0000000
## 4690     TTN TCGA-BH-A0C7-01  0.0000000
## 4691   MUC16 TCGA-BH-A0DD-01  0.0000000
## 4692    MLL3 TCGA-BH-A0DD-01  0.0000000
## 4693  MAP3K1 TCGA-BH-A0DD-01  0.0000000
## 4694    TP53 TCGA-BH-A0DD-01  0.0000000
## 4695 CROCCP2 TCGA-BH-A0DD-01  0.0000000
## 4696    MUC4 TCGA-BH-A0DD-01  0.0000000
## 4697    CDH1 TCGA-BH-A0DD-01  0.0000000
## 4698  PIK3CA TCGA-BH-A0DD-01  0.0000000
## 4699   GATA3 TCGA-BH-A0DD-01  0.0000000
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## 4700     TTN TCGA-BH-A0DD-01  0.0000000
## 4701   MUC16 TCGA-BH-A0DE-01  0.0000000
## 4702    MLL3 TCGA-BH-A0DE-01  1.0000000
## 4703   MAP3K1 TCGA-BH-A0DE-01  0.0000000
## 4704    TP53 TCGA-BH-A0DE-01  0.0000000
## 4705 CROCCP2 TCGA-BH-A0DE-01  0.0000000
## 4706    MUC4 TCGA-BH-A0DE-01  0.0000000
## 4707    CDH1 TCGA-BH-A0DE-01  0.0000000
## 4708  PIK3CA TCGA-BH-A0DE-01  1.0000000
## 4709   GATA3 TCGA-BH-A0DE-01  0.0000000
## 4710     TTN TCGA-BH-A0DE-01  0.0000000
## 4711   MUC16 TCGA-BH-A0DG-01  0.0000000
## 4712    MLL3 TCGA-BH-A0DG-01  0.0000000
## 4713   MAP3K1 TCGA-BH-A0DG-01  0.0000000
## 4714    TP53 TCGA-BH-A0DG-01  0.0000000
## 4715 CROCCP2 TCGA-BH-A0DG-01  0.0000000
## 4716    MUC4 TCGA-BH-A0DG-01  0.0000000
## 4717    CDH1 TCGA-BH-A0DG-01  0.0000000
## 4718  PIK3CA TCGA-BH-A0DG-01  0.0000000
## 4719   GATA3 TCGA-BH-A0DG-01  1.0000000
## 4720     TTN TCGA-BH-A0DG-01  0.0000000
## 4721   MUC16 TCGA-BH-A0DH-01  0.0000000
## 4722    MLL3 TCGA-BH-A0DH-01  0.0000000
## 4723   MAP3K1 TCGA-BH-A0DH-01  0.0000000
## 4724    TP53 TCGA-BH-A0DH-01  0.0000000
## 4725 CROCCP2 TCGA-BH-A0DH-01  0.0000000
## 4726    MUC4 TCGA-BH-A0DH-01  1.0000000
## 4727    CDH1 TCGA-BH-A0DH-01  0.0000000
## 4728  PIK3CA TCGA-BH-A0DH-01  0.0000000
## 4729   GATA3 TCGA-BH-A0DH-01  0.0000000
## 4730     TTN TCGA-BH-A0DH-01  0.0000000
## 4731   MUC16 TCGA-BH-A0DI-01  0.0000000
## 4732    MLL3 TCGA-BH-A0DI-01  0.0000000
## 4733   MAP3K1 TCGA-BH-A0DI-01  0.0000000
## 4734    TP53 TCGA-BH-A0DI-01  1.0000000
## 4735 CROCCP2 TCGA-BH-A0DI-01  0.0000000
## 4736    MUC4 TCGA-BH-A0DI-01  0.0000000
## 4737    CDH1 TCGA-BH-A0DI-01  0.0000000
## 4738  PIK3CA TCGA-BH-A0DI-01  0.0000000
## 4739   GATA3 TCGA-BH-A0DI-01  0.0000000
## 4740     TTN TCGA-BH-A0DI-01  0.0000000
## 4741   MUC16 TCGA-BH-A0DK-01  0.0000000
## 4742    MLL3 TCGA-BH-A0DK-01  0.0000000
## 4743   MAP3K1 TCGA-BH-A0DK-01  0.0000000
## 4744    TP53 TCGA-BH-A0DK-01  0.0000000
## 4745 CROCCP2 TCGA-BH-A0DK-01  1.0000000
## 4746    MUC4 TCGA-BH-A0DK-01  0.0000000
## 4747    CDH1 TCGA-BH-A0DK-01  0.0000000
## 4748  PIK3CA TCGA-BH-A0DK-01  1.0000000
## 4749   GATA3 TCGA-BH-A0DK-01  1.0000000
## 4750     TTN TCGA-BH-A0DK-01  0.0000000
## 4751   MUC16 TCGA-BH-A0DL-01  0.0000000
## 4752    MLL3 TCGA-BH-A0DL-01  0.0000000
## 4753   MAP3K1 TCGA-BH-A0DL-01  0.0000000
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## 4754     TP53 TCGA-BH-A0DL-01  1.0000000
## 4755 CROCCP2 TCGA-BH-A0DL-01  0.0000000
## 4756    MUC4 TCGA-BH-A0DL-01  0.0000000
## 4757    CDH1 TCGA-BH-A0DL-01  0.0000000
## 4758  PIK3CA TCGA-BH-A0DL-01  1.0000000
## 4759   GATA3 TCGA-BH-A0DL-01  0.0000000
## 4760     TTN TCGA-BH-A0DL-01  1.0000000
## 4761   MUC16 TCGA-BH-A0DO-01  0.0000000
## 4762    MLL3 TCGA-BH-A0DO-01  0.0000000
## 4763   MAP3K1 TCGA-BH-A0DO-01  0.0000000
## 4764     TP53 TCGA-BH-A0DO-01  0.0000000
## 4765 CROCCP2 TCGA-BH-A0DO-01  0.0000000
## 4766    MUC4 TCGA-BH-A0DO-01  0.0000000
## 4767    CDH1 TCGA-BH-A0DO-01  0.0000000
## 4768  PIK3CA TCGA-BH-A0DO-01  1.0000000
## 4769   GATA3 TCGA-BH-A0DO-01  0.0000000
## 4770     TTN TCGA-BH-A0DO-01  0.0000000
## 4771   MUC16 TCGA-BH-A0DP-01  0.0000000
## 4772    MLL3 TCGA-BH-A0DP-01  0.0000000
## 4773   MAP3K1 TCGA-BH-A0DP-01  0.0000000
## 4774     TP53 TCGA-BH-A0DP-01  0.0000000
## 4775 CROCCP2 TCGA-BH-A0DP-01  0.0000000
## 4776    MUC4 TCGA-BH-A0DP-01  0.0000000
## 4777    CDH1 TCGA-BH-A0DP-01  0.0000000
## 4778  PIK3CA TCGA-BH-A0DP-01  1.0000000
## 4779   GATA3 TCGA-BH-A0DP-01  0.0000000
## 4780     TTN TCGA-BH-A0DP-01  0.0000000
## 4781   MUC16 TCGA-BH-A0DQ-01  0.0000000
## 4782    MLL3 TCGA-BH-A0DQ-01  0.0000000
## 4783   MAP3K1 TCGA-BH-A0DQ-01  0.0000000
## 4784     TP53 TCGA-BH-A0DQ-01  0.0000000
## 4785 CROCCP2 TCGA-BH-A0DQ-01  0.0000000
## 4786    MUC4 TCGA-BH-A0DQ-01  0.0000000
## 4787    CDH1 TCGA-BH-A0DQ-01  0.0000000
## 4788  PIK3CA TCGA-BH-A0DQ-01  0.0000000
## 4789   GATA3 TCGA-BH-A0DQ-01  0.0000000
## 4790     TTN TCGA-BH-A0DQ-01  0.0000000
## 4791   MUC16 TCGA-BH-A0DS-01  0.0000000
## 4792    MLL3 TCGA-BH-A0DS-01  0.0000000
## 4793   MAP3K1 TCGA-BH-A0DS-01  0.0000000
## 4794     TP53 TCGA-BH-A0DS-01  0.0000000
## 4795 CROCCP2 TCGA-BH-A0DS-01  0.0000000
## 4796    MUC4 TCGA-BH-A0DS-01  0.0000000
## 4797    CDH1 TCGA-BH-A0DS-01  0.0000000
## 4798  PIK3CA TCGA-BH-A0DS-01  0.0000000
## 4799   GATA3 TCGA-BH-A0DS-01  0.0000000
## 4800     TTN TCGA-BH-A0DS-01  0.0000000
## 4801   MUC16 TCGA-BH-A0DT-01  0.0000000
## 4802    MLL3 TCGA-BH-A0DT-01  0.0000000
## 4803   MAP3K1 TCGA-BH-A0DT-01  1.0000000
## 4804     TP53 TCGA-BH-A0DT-01  0.0000000
## 4805 CROCCP2 TCGA-BH-A0DT-01  0.0000000
## 4806    MUC4 TCGA-BH-A0DT-01  0.0000000
## 4807    CDH1 TCGA-BH-A0DT-01  0.0000000
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## 4808  PIK3CA TCGA-BH-A0DT-01  1.0000000
## 4809   GATA3 TCGA-BH-A0DT-01  1.0000000
## 4810     TTN TCGA-BH-A0DT-01  0.0000000
## 4811   MUC16 TCGA-BH-A0DV-01  0.0000000
## 4812    MLL3 TCGA-BH-A0DV-01  0.0000000
## 4813   MAP3K1 TCGA-BH-A0DV-01  1.0000000
## 4814    TP53 TCGA-BH-A0DV-01  0.0000000
## 4815 CROCCP2 TCGA-BH-A0DV-01  0.0000000
## 4816    MUC4 TCGA-BH-A0DV-01  0.0000000
## 4817    CDH1 TCGA-BH-A0DV-01  0.0000000
## 4818  PIK3CA TCGA-BH-A0DV-01  1.0000000
## 4819   GATA3 TCGA-BH-A0DV-01  0.0000000
## 4820     TTN TCGA-BH-A0DV-01  0.0000000
## 4821   MUC16 TCGA-BH-A0DX-01  0.0000000
## 4822    MLL3 TCGA-BH-A0DX-01  0.0000000
## 4823   MAP3K1 TCGA-BH-A0DX-01  0.0000000
## 4824    TP53 TCGA-BH-A0DX-01  0.0000000
## 4825 CROCCP2 TCGA-BH-A0DX-01  0.0000000
## 4826    MUC4 TCGA-BH-A0DX-01  0.0000000
## 4827    CDH1 TCGA-BH-A0DX-01  0.0000000
## 4828  PIK3CA TCGA-BH-A0DX-01  1.0000000
## 4829   GATA3 TCGA-BH-A0DX-01  0.0000000
## 4830     TTN TCGA-BH-A0DX-01  1.0000000
## 4831   MUC16 TCGA-BH-A0DZ-01  0.0000000
## 4832    MLL3 TCGA-BH-A0DZ-01  0.0000000
## 4833   MAP3K1 TCGA-BH-A0DZ-01  1.0000000
## 4834    TP53 TCGA-BH-A0DZ-01  1.0000000
## 4835 CROCCP2 TCGA-BH-A0DZ-01  0.0000000
## 4836    MUC4 TCGA-BH-A0DZ-01  0.0000000
## 4837    CDH1 TCGA-BH-A0DZ-01  0.0000000
## 4838  PIK3CA TCGA-BH-A0DZ-01  0.0000000
## 4839   GATA3 TCGA-BH-A0DZ-01  0.0000000
## 4840     TTN TCGA-BH-A0DZ-01  0.0000000
## 4841   MUC16 TCGA-BH-A0E0-01  0.0000000
## 4842    MLL3 TCGA-BH-A0E0-01  0.0000000
## 4843   MAP3K1 TCGA-BH-A0E0-01  0.0000000
## 4844    TP53 TCGA-BH-A0E0-01  1.0000000
## 4845 CROCCP2 TCGA-BH-A0E0-01  0.0000000
## 4846    MUC4 TCGA-BH-A0E0-01  0.0000000
## 4847    CDH1 TCGA-BH-A0E0-01  0.0000000
## 4848  PIK3CA TCGA-BH-A0E0-01  0.0000000
## 4849   GATA3 TCGA-BH-A0E0-01  0.0000000
## 4850     TTN TCGA-BH-A0E0-01  0.0000000
## 4851   MUC16 TCGA-BH-A0E1-01  0.0000000
## 4852    MLL3 TCGA-BH-A0E1-01  0.0000000
## 4853   MAP3K1 TCGA-BH-A0E1-01  0.0000000
## 4854    TP53 TCGA-BH-A0E1-01  0.0000000
## 4855 CROCCP2 TCGA-BH-A0E1-01  0.0000000
## 4856    MUC4 TCGA-BH-A0E1-01  0.0000000
## 4857    CDH1 TCGA-BH-A0E1-01  0.0000000
## 4858  PIK3CA TCGA-BH-A0E1-01  0.0000000
## 4859   GATA3 TCGA-BH-A0E1-01  0.0000000
## 4860     TTN TCGA-BH-A0E1-01  0.0000000
## 4861   MUC16 TCGA-BH-A0E2-01  0.0000000
```

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## 4862    MLL3 TCGA-BH-A0E2-01  0.0000000
## 4863  MAP3K1 TCGA-BH-A0E2-01  0.0000000
## 4864    TP53 TCGA-BH-A0E2-01  0.0000000
## 4865 CROCCP2 TCGA-BH-A0E2-01  0.0000000
## 4866    MUC4 TCGA-BH-A0E2-01  0.0000000
## 4867    CDH1 TCGA-BH-A0E2-01  0.0000000
## 4868   PIK3CA TCGA-BH-A0E2-01  0.0000000
## 4869   GATA3 TCGA-BH-A0E2-01  1.0000000
## 4870     TTN TCGA-BH-A0E2-01  0.0000000
## 4871   MUC16 TCGA-BH-A0E6-01  0.0000000
## 4872    MLL3 TCGA-BH-A0E6-01  0.0000000
## 4873  MAP3K1 TCGA-BH-A0E6-01  0.0000000
## 4874    TP53 TCGA-BH-A0E6-01  1.0000000
## 4875 CROCCP2 TCGA-BH-A0E6-01  0.0000000
## 4876    MUC4 TCGA-BH-A0E6-01  0.0000000
## 4877    CDH1 TCGA-BH-A0E6-01  0.0000000
## 4878   PIK3CA TCGA-BH-A0E6-01  0.0000000
## 4879   GATA3 TCGA-BH-A0E6-01  0.0000000
## 4880     TTN TCGA-BH-A0E6-01  0.0000000
## 4881   MUC16 TCGA-BH-A0E7-01  0.0000000
## 4882    MLL3 TCGA-BH-A0E7-01  0.0000000
## 4883  MAP3K1 TCGA-BH-A0E7-01  1.0000000
## 4884    TP53 TCGA-BH-A0E7-01  0.0000000
## 4885 CROCCP2 TCGA-BH-A0E7-01  0.0000000
## 4886    MUC4 TCGA-BH-A0E7-01  0.0000000
## 4887    CDH1 TCGA-BH-A0E7-01  0.0000000
## 4888   PIK3CA TCGA-BH-A0E7-01  0.0000000
## 4889   GATA3 TCGA-BH-A0E7-01  0.0000000
## 4890     TTN TCGA-BH-A0E7-01  0.0000000
## 4891   MUC16 TCGA-BH-A0E9-01  0.0000000
## 4892    MLL3 TCGA-BH-A0E9-01  0.0000000
## 4893  MAP3K1 TCGA-BH-A0E9-01  0.0000000
## 4894    TP53 TCGA-BH-A0E9-01  0.0000000
## 4895 CROCCP2 TCGA-BH-A0E9-01  0.0000000
## 4896    MUC4 TCGA-BH-A0E9-01  0.0000000
## 4897    CDH1 TCGA-BH-A0E9-01  1.0000000
## 4898   PIK3CA TCGA-BH-A0E9-01  0.0000000
## 4899   GATA3 TCGA-BH-A0E9-01  0.0000000
## 4900     TTN TCGA-BH-A0E9-01  0.0000000
## 4901   MUC16 TCGA-BH-A0EA-01  0.0000000
## 4902    MLL3 TCGA-BH-A0EA-01  0.0000000
## 4903  MAP3K1 TCGA-BH-A0EA-01  0.0000000
## 4904    TP53 TCGA-BH-A0EA-01  0.0000000
## 4905 CROCCP2 TCGA-BH-A0EA-01  0.0000000
## 4906    MUC4 TCGA-BH-A0EA-01  0.0000000
## 4907    CDH1 TCGA-BH-A0EA-01  0.0000000
## 4908   PIK3CA TCGA-BH-A0EA-01  1.0000000
## 4909   GATA3 TCGA-BH-A0EA-01  1.0000000
## 4910     TTN TCGA-BH-A0EA-01  0.0000000
## 4911   MUC16 TCGA-BH-A0EB-01  0.0000000
## 4912    MLL3 TCGA-BH-A0EB-01  0.0000000
## 4913  MAP3K1 TCGA-BH-A0EB-01  0.0000000
## 4914    TP53 TCGA-BH-A0EB-01  0.0000000
## 4915 CROCCP2 TCGA-BH-A0EB-01  0.0000000
```

```
## 4916    MUC4 TCGA-BH-A0EB-01  0.0000000
## 4917    CDH1 TCGA-BH-A0EB-01  0.0000000
## 4918  PIK3CA TCGA-BH-A0EB-01  1.0000000
## 4919   GATA3 TCGA-BH-A0EB-01  0.0000000
## 4920     TTN TCGA-BH-A0EB-01  0.0000000
## 4921   MUC16 TCGA-BH-A0EE-01  0.0000000
## 4922    MLL3 TCGA-BH-A0EE-01  0.0000000
## 4923   MAP3K1 TCGA-BH-A0EE-01  0.0000000
## 4924    TP53 TCGA-BH-A0EE-01  0.0000000
## 4925 CROCCP2 TCGA-BH-A0EE-01  0.0000000
## 4926    MUC4 TCGA-BH-A0EE-01  0.0000000
## 4927    CDH1 TCGA-BH-A0EE-01  0.0000000
## 4928  PIK3CA TCGA-BH-A0EE-01  1.0000000
## 4929   GATA3 TCGA-BH-A0EE-01  0.0000000
## 4930     TTN TCGA-BH-A0EE-01  0.0000000
## 4931   MUC16 TCGA-BH-A0EI-01  0.0000000
## 4932    MLL3 TCGA-BH-A0EI-01  0.0000000
## 4933   MAP3K1 TCGA-BH-A0EI-01  0.0000000
## 4934    TP53 TCGA-BH-A0EI-01  0.0000000
## 4935 CROCCP2 TCGA-BH-A0EI-01  1.0000000
## 4936    MUC4 TCGA-BH-A0EI-01  0.0000000
## 4937    CDH1 TCGA-BH-A0EI-01  0.0000000
## 4938  PIK3CA TCGA-BH-A0EI-01  0.0000000
## 4939   GATA3 TCGA-BH-A0EI-01  0.0000000
## 4940     TTN TCGA-BH-A0EI-01  0.0000000
## 4941   MUC16 TCGA-BH-A0GY-01  0.0000000
## 4942    MLL3 TCGA-BH-A0GY-01  0.0000000
## 4943   MAP3K1 TCGA-BH-A0GY-01  0.0000000
## 4944    TP53 TCGA-BH-A0GY-01  1.0000000
## 4945 CROCCP2 TCGA-BH-A0GY-01  0.0000000
## 4946    MUC4 TCGA-BH-A0GY-01  0.0000000
## 4947    CDH1 TCGA-BH-A0GY-01  0.0000000
## 4948  PIK3CA TCGA-BH-A0GY-01  1.0000000
## 4949   GATA3 TCGA-BH-A0GY-01  0.0000000
## 4950     TTN TCGA-BH-A0GY-01  1.0000000
## 4951   MUC16 TCGA-BH-A0GZ-01  0.0000000
## 4952    MLL3 TCGA-BH-A0GZ-01  0.0000000
## 4953   MAP3K1 TCGA-BH-A0GZ-01  0.0000000
## 4954    TP53 TCGA-BH-A0GZ-01  0.0000000
## 4955 CROCCP2 TCGA-BH-A0GZ-01  0.0000000
## 4956    MUC4 TCGA-BH-A0GZ-01  0.0000000
## 4957    CDH1 TCGA-BH-A0GZ-01  0.0000000
## 4958  PIK3CA TCGA-BH-A0GZ-01  0.0000000
## 4959   GATA3 TCGA-BH-A0GZ-01  0.0000000
## 4960     TTN TCGA-BH-A0GZ-01  0.0000000
## 4961   MUC16 TCGA-BH-A0H0-01  0.0000000
## 4962    MLL3 TCGA-BH-A0H0-01  0.0000000
## 4963   MAP3K1 TCGA-BH-A0H0-01  0.0000000
## 4964    TP53 TCGA-BH-A0H0-01  0.0000000
## 4965 CROCCP2 TCGA-BH-A0H0-01  0.0000000
## 4966    MUC4 TCGA-BH-A0H0-01  0.0000000
## 4967    CDH1 TCGA-BH-A0H0-01  0.0000000
## 4968  PIK3CA TCGA-BH-A0H0-01  0.0000000
## 4969   GATA3 TCGA-BH-A0H0-01  0.0000000
```

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## 4970     TTN TCGA-BH-A0H0-01  0.0000000
## 4971   MUC16 TCGA-BH-A0H3-01  0.0000000
## 4972    MLL3 TCGA-BH-A0H3-01  0.0000000
## 4973   MAP3K1 TCGA-BH-A0H3-01  0.0000000
## 4974    TP53 TCGA-BH-A0H3-01  0.0000000
## 4975 CROCCP2 TCGA-BH-A0H3-01  0.0000000
## 4976    MUC4 TCGA-BH-A0H3-01  0.0000000
## 4977    CDH1 TCGA-BH-A0H3-01  0.0000000
## 4978   PIK3CA TCGA-BH-A0H3-01  1.0000000
## 4979   GATA3 TCGA-BH-A0H3-01  1.0000000
## 4980     TTN TCGA-BH-A0H3-01  0.0000000
## 4981   MUC16 TCGA-BH-A0H5-01  0.0000000
## 4982    MLL3 TCGA-BH-A0H5-01  0.0000000
## 4983   MAP3K1 TCGA-BH-A0H5-01  0.0000000
## 4984    TP53 TCGA-BH-A0H5-01  0.0000000
## 4985 CROCCP2 TCGA-BH-A0H5-01  1.0000000
## 4986    MUC4 TCGA-BH-A0H5-01  0.0000000
## 4987    CDH1 TCGA-BH-A0H5-01  0.0000000
## 4988   PIK3CA TCGA-BH-A0H5-01  0.0000000
## 4989   GATA3 TCGA-BH-A0H5-01  0.0000000
## 4990     TTN TCGA-BH-A0H5-01  0.0000000
## 4991   MUC16 TCGA-BH-A0H7-01  0.0000000
## 4992    MLL3 TCGA-BH-A0H7-01  0.0000000
## 4993   MAP3K1 TCGA-BH-A0H7-01  0.0000000
## 4994    TP53 TCGA-BH-A0H7-01  1.0000000
## 4995 CROCCP2 TCGA-BH-A0H7-01  0.0000000
## 4996    MUC4 TCGA-BH-A0H7-01  0.0000000
## 4997    CDH1 TCGA-BH-A0H7-01  0.0000000
## 4998   PIK3CA TCGA-BH-A0H7-01  0.0000000
## 4999   GATA3 TCGA-BH-A0H7-01  0.0000000
## 5000     TTN TCGA-BH-A0H7-01  0.0000000
## 5001   MUC16 TCGA-BH-A0H9-01  0.0000000
## 5002    MLL3 TCGA-BH-A0H9-01  0.0000000
## 5003   MAP3K1 TCGA-BH-A0H9-01  0.0000000
## 5004    TP53 TCGA-BH-A0H9-01  0.0000000
## 5005 CROCCP2 TCGA-BH-A0H9-01  0.0000000
## 5006    MUC4 TCGA-BH-A0H9-01  0.0000000
## 5007    CDH1 TCGA-BH-A0H9-01  0.0000000
## 5008   PIK3CA TCGA-BH-A0H9-01  1.0000000
## 5009   GATA3 TCGA-BH-A0H9-01  0.0000000
## 5010     TTN TCGA-BH-A0H9-01  1.0000000
## 5011   MUC16 TCGA-BH-A0HA-01  0.0000000
## 5012    MLL3 TCGA-BH-A0HA-01  0.0000000
## 5013   MAP3K1 TCGA-BH-A0HA-01  0.0000000
## 5014    TP53 TCGA-BH-A0HA-01  0.0000000
## 5015 CROCCP2 TCGA-BH-A0HA-01  0.0000000
## 5016    MUC4 TCGA-BH-A0HA-01  0.0000000
## 5017    CDH1 TCGA-BH-A0HA-01  0.0000000
## 5018   PIK3CA TCGA-BH-A0HA-01  1.0000000
## 5019   GATA3 TCGA-BH-A0HA-01  0.0000000
## 5020     TTN TCGA-BH-A0HA-01  1.0000000
## 5021   MUC16 TCGA-BH-A0HB-01  0.0000000
## 5022    MLL3 TCGA-BH-A0HB-01  0.0000000
## 5023   MAP3K1 TCGA-BH-A0HB-01  0.0000000
```

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## 5024      TP53 TCGA-BH-A0HB-01  0.0000000
## 5025 CROCCP2 TCGA-BH-A0HB-01  0.0000000
## 5026     MUC4 TCGA-BH-A0HB-01  0.0000000
## 5027     CDH1 TCGA-BH-A0HB-01  0.0000000
## 5028   PIK3CA TCGA-BH-A0HB-01  0.0000000
## 5029    GATA3 TCGA-BH-A0HB-01  0.0000000
## 5030      TTN TCGA-BH-A0HB-01  0.0000000
## 5031    MUC16 TCGA-BH-A0HI-01  0.0000000
## 5032     MLL3 TCGA-BH-A0HI-01  0.0000000
## 5033    MAP3K1 TCGA-BH-A0HI-01  0.0000000
## 5034      TP53 TCGA-BH-A0HI-01  0.0000000
## 5035 CROCCP2 TCGA-BH-A0HI-01  0.0000000
## 5036     MUC4 TCGA-BH-A0HI-01  0.0000000
## 5037     CDH1 TCGA-BH-A0HI-01  0.0000000
## 5038   PIK3CA TCGA-BH-A0HI-01  1.0000000
## 5039    GATA3 TCGA-BH-A0HI-01  0.0000000
## 5040      TTN TCGA-BH-A0HI-01  1.0000000
## 5041    MUC16 TCGA-BH-A0HO-01  0.0000000
## 5042     MLL3 TCGA-BH-A0HO-01  0.0000000
## 5043    MAP3K1 TCGA-BH-A0HO-01  0.0000000
## 5044      TP53 TCGA-BH-A0HO-01  0.0000000
## 5045 CROCCP2 TCGA-BH-A0HO-01  0.0000000
## 5046     MUC4 TCGA-BH-A0HO-01  0.0000000
## 5047     CDH1 TCGA-BH-A0HO-01  0.0000000
## 5048   PIK3CA TCGA-BH-A0HO-01  0.0000000
## 5049    GATA3 TCGA-BH-A0HO-01  0.0000000
## 5050      TTN TCGA-BH-A0HO-01  0.0000000
## 5051    MUC16 TCGA-BH-A0HP-01  0.0000000
## 5052     MLL3 TCGA-BH-A0HP-01  0.0000000
## 5053    MAP3K1 TCGA-BH-A0HP-01  0.0000000
## 5054      TP53 TCGA-BH-A0HP-01  0.0000000
## 5055 CROCCP2 TCGA-BH-A0HP-01  0.0000000
## 5056     MUC4 TCGA-BH-A0HP-01  0.0000000
## 5057     CDH1 TCGA-BH-A0HP-01  1.0000000
## 5058   PIK3CA TCGA-BH-A0HP-01  0.0000000
## 5059    GATA3 TCGA-BH-A0HP-01  1.0000000
## 5060      TTN TCGA-BH-A0HP-01  1.0000000
## 5061    MUC16 TCGA-BH-A0HQ-01  0.0000000
## 5062     MLL3 TCGA-BH-A0HQ-01  1.0000000
## 5063    MAP3K1 TCGA-BH-A0HQ-01  0.0000000
## 5064      TP53 TCGA-BH-A0HQ-01  0.0000000
## 5065 CROCCP2 TCGA-BH-A0HQ-01  0.0000000
## 5066     MUC4 TCGA-BH-A0HQ-01  0.0000000
## 5067     CDH1 TCGA-BH-A0HQ-01  0.0000000
## 5068   PIK3CA TCGA-BH-A0HQ-01  0.0000000
## 5069    GATA3 TCGA-BH-A0HQ-01  0.0000000
## 5070      TTN TCGA-BH-A0HQ-01  0.0000000
## 5071    MUC16 TCGA-BH-A0HU-01  0.0000000
## 5072     MLL3 TCGA-BH-A0HU-01  0.0000000
## 5073    MAP3K1 TCGA-BH-A0HU-01  0.0000000
## 5074      TP53 TCGA-BH-A0HU-01  0.0000000
## 5075 CROCCP2 TCGA-BH-A0HU-01  0.0000000
## 5076     MUC4 TCGA-BH-A0HU-01  0.0000000
## 5077     CDH1 TCGA-BH-A0HU-01  0.0000000
```

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## 5078   PIK3CA TCGA-BH-A0HU-01  0.0000000
## 5079    GATA3 TCGA-BH-A0HU-01  0.0000000
## 5080      TTN TCGA-BH-A0HU-01  0.0000000
## 5081    MUC16 TCGA-BH-A0HW-01  0.0000000
## 5082     MLL3 TCGA-BH-A0HW-01  0.0000000
## 5083    MAP3K1 TCGA-BH-A0HW-01 0.0000000
## 5084     TP53 TCGA-BH-A0HW-01  0.0000000
## 5085  CROCCP2 TCGA-BH-A0HW-01  0.0000000
## 5086     MUC4 TCGA-BH-A0HW-01  0.0000000
## 5087     CDH1 TCGA-BH-A0HW-01  0.0000000
## 5088   PIK3CA TCGA-BH-A0HW-01  0.0000000
## 5089    GATA3 TCGA-BH-A0HW-01  0.0000000
## 5090      TTN TCGA-BH-A0HW-01  0.0000000
## 5091    MUC16 TCGA-BH-A0HX-01  0.0000000
## 5092     MLL3 TCGA-BH-A0HX-01  0.0000000
## 5093    MAP3K1 TCGA-BH-A0HX-01 0.0000000
## 5094     TP53 TCGA-BH-A0HX-01  1.0000000
## 5095  CROCCP2 TCGA-BH-A0HX-01  0.0000000
## 5096     MUC4 TCGA-BH-A0HX-01  0.0000000
## 5097     CDH1 TCGA-BH-A0HX-01  0.0000000
## 5098   PIK3CA TCGA-BH-A0HX-01  0.0000000
## 5099    GATA3 TCGA-BH-A0HX-01  0.0000000
## 5100      TTN TCGA-BH-A0HX-01  0.0000000
## 5101    MUC16 TCGA-BH-A0HY-01  0.0000000
## 5102     MLL3 TCGA-BH-A0HY-01  0.0000000
## 5103    MAP3K1 TCGA-BH-A0HY-01 0.0000000
## 5104     TP53 TCGA-BH-A0HY-01  1.0000000
## 5105  CROCCP2 TCGA-BH-A0HY-01  0.0000000
## 5106     MUC4 TCGA-BH-A0HY-01  0.0000000
## 5107     CDH1 TCGA-BH-A0HY-01  0.0000000
## 5108   PIK3CA TCGA-BH-A0HY-01  0.0000000
## 5109    GATA3 TCGA-BH-A0HY-01  0.0000000
## 5110      TTN TCGA-BH-A0HY-01  0.0000000
## 5111    MUC16 TCGA-BH-A0RX-01  0.0000000
## 5112     MLL3 TCGA-BH-A0RX-01  0.0000000
## 5113    MAP3K1 TCGA-BH-A0RX-01 0.0000000
## 5114     TP53 TCGA-BH-A0RX-01  1.0000000
## 5115  CROCCP2 TCGA-BH-A0RX-01  0.0000000
## 5116     MUC4 TCGA-BH-A0RX-01  0.0000000
## 5117     CDH1 TCGA-BH-A0RX-01  0.0000000
## 5118   PIK3CA TCGA-BH-A0RX-01  0.0000000
## 5119    GATA3 TCGA-BH-A0RX-01  0.0000000
## 5120      TTN TCGA-BH-A0RX-01  0.0000000
## 5121    MUC16 TCGA-BH-A0W3-01  0.0000000
## 5122     MLL3 TCGA-BH-A0W3-01  0.0000000
## 5123    MAP3K1 TCGA-BH-A0W3-01 0.0000000
## 5124     TP53 TCGA-BH-A0W3-01  0.0000000
## 5125  CROCCP2 TCGA-BH-A0W3-01  0.0000000
## 5126     MUC4 TCGA-BH-A0W3-01  0.0000000
## 5127     CDH1 TCGA-BH-A0W3-01  0.0000000
## 5128   PIK3CA TCGA-BH-A0W3-01  1.0000000
## 5129    GATA3 TCGA-BH-A0W3-01  0.0000000
## 5130      TTN TCGA-BH-A0W3-01  0.0000000
## 5131    MUC16 TCGA-BH-A0W4-01  0.0000000
```

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## 5132     MLL3 TCGA-BH-A0W4-01  0.0000000
## 5133  MAP3K1 TCGA-BH-A0W4-01  0.0000000
## 5134     TP53 TCGA-BH-A0W4-01  0.0000000
## 5135 CROCCP2 TCGA-BH-A0W4-01  0.0000000
## 5136     MUC4 TCGA-BH-A0W4-01  0.0000000
## 5137     CDH1 TCGA-BH-A0W4-01  0.0000000
## 5138   PIK3CA TCGA-BH-A0W4-01  0.0000000
## 5139    GATA3 TCGA-BH-A0W4-01  0.0000000
## 5140      TTN TCGA-BH-A0W4-01  0.0000000
## 5141    MUC16 TCGA-BH-A0W5-01  0.0000000
## 5142     MLL3 TCGA-BH-A0W5-01  0.0000000
## 5143  MAP3K1 TCGA-BH-A0W5-01  1.0000000
## 5144     TP53 TCGA-BH-A0W5-01  0.0000000
## 5145 CROCCP2 TCGA-BH-A0W5-01  0.0000000
## 5146     MUC4 TCGA-BH-A0W5-01  0.0000000
## 5147     CDH1 TCGA-BH-A0W5-01  0.0000000
## 5148   PIK3CA TCGA-BH-A0W5-01  1.0000000
## 5149    GATA3 TCGA-BH-A0W5-01  0.0000000
## 5150      TTN TCGA-BH-A0W5-01  0.0000000
## 5151    MUC16 TCGA-BH-A0W7-01  0.0000000
## 5152     MLL3 TCGA-BH-A0W7-01  0.0000000
## 5153  MAP3K1 TCGA-BH-A0W7-01  0.0000000
## 5154     TP53 TCGA-BH-A0W7-01  0.0000000
## 5155 CROCCP2 TCGA-BH-A0W7-01  0.0000000
## 5156     MUC4 TCGA-BH-A0W7-01  0.0000000
## 5157     CDH1 TCGA-BH-A0W7-01  0.0000000
## 5158   PIK3CA TCGA-BH-A0W7-01  1.0000000
## 5159    GATA3 TCGA-BH-A0W7-01  0.0000000
## 5160      TTN TCGA-BH-A0W7-01  0.0000000
## 5161    MUC16 TCGA-BH-A18F-01  0.0000000
## 5162     MLL3 TCGA-BH-A18F-01  0.0000000
## 5163  MAP3K1 TCGA-BH-A18F-01  0.0000000
## 5164     TP53 TCGA-BH-A18F-01  0.0000000
## 5165 CROCCP2 TCGA-BH-A18F-01  1.0000000
## 5166     MUC4 TCGA-BH-A18F-01  0.0000000
## 5167     CDH1 TCGA-BH-A18F-01  1.0000000
## 5168   PIK3CA TCGA-BH-A18F-01  1.0000000
## 5169    GATA3 TCGA-BH-A18F-01  0.0000000
## 5170      TTN TCGA-BH-A18F-01  0.0000000
## 5171    MUC16 TCGA-BH-A18H-01  0.0000000
## 5172     MLL3 TCGA-BH-A18H-01  0.0000000
## 5173  MAP3K1 TCGA-BH-A18H-01  0.0000000
## 5174     TP53 TCGA-BH-A18H-01  1.0000000
## 5175 CROCCP2 TCGA-BH-A18H-01  0.0000000
## 5176     MUC4 TCGA-BH-A18H-01  0.0000000
## 5177     CDH1 TCGA-BH-A18H-01  0.0000000
## 5178   PIK3CA TCGA-BH-A18H-01  1.0000000
## 5179    GATA3 TCGA-BH-A18H-01  0.0000000
## 5180      TTN TCGA-BH-A18H-01  0.0000000
## 5181    MUC16 TCGA-BH-A18I-01  0.0000000
## 5182     MLL3 TCGA-BH-A18I-01  0.0000000
## 5183  MAP3K1 TCGA-BH-A18I-01  0.0000000
## 5184     TP53 TCGA-BH-A18I-01  0.0000000
## 5185 CROCCP2 TCGA-BH-A18I-01  0.0000000
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## 5186    MUC4 TCGA-BH-A18I-01  0.0000000
## 5187    CDH1 TCGA-BH-A18I-01  0.0000000
## 5188  PIK3CA TCGA-BH-A18I-01  1.0000000
## 5189   GATA3 TCGA-BH-A18I-01  0.0000000
## 5190     TTN TCGA-BH-A18I-01  0.0000000
## 5191   MUC16 TCGA-BH-A18J-01  0.0000000
## 5192    MLL3 TCGA-BH-A18J-01  0.0000000
## 5193  MAP3K1 TCGA-BH-A18J-01  0.0000000
## 5194    TP53 TCGA-BH-A18J-01  0.0000000
## 5195 CROCCP2 TCGA-BH-A18J-01  0.0000000
## 5196    MUC4 TCGA-BH-A18J-01  0.0000000
## 5197    CDH1 TCGA-BH-A18J-01  0.0000000
## 5198  PIK3CA TCGA-BH-A18J-01  1.0000000
## 5199   GATA3 TCGA-BH-A18J-01  0.0000000
## 5200     TTN TCGA-BH-A18J-01  0.0000000
## 5201   MUC16 TCGA-BH-A18K-01  0.0000000
## 5202    MLL3 TCGA-BH-A18K-01  0.0000000
## 5203  MAP3K1 TCGA-BH-A18K-01  0.0000000
## 5204    TP53 TCGA-BH-A18K-01  0.0000000
## 5205 CROCCP2 TCGA-BH-A18K-01  0.0000000
## 5206    MUC4 TCGA-BH-A18K-01  0.0000000
## 5207    CDH1 TCGA-BH-A18K-01  0.0000000
## 5208  PIK3CA TCGA-BH-A18K-01  0.0000000
## 5209   GATA3 TCGA-BH-A18K-01  0.0000000
## 5210     TTN TCGA-BH-A18K-01  0.0000000
## 5211   MUC16 TCGA-BH-A18L-01  0.0000000
## 5212    MLL3 TCGA-BH-A18L-01  0.0000000
## 5213  MAP3K1 TCGA-BH-A18L-01  0.0000000
## 5214    TP53 TCGA-BH-A18L-01  0.0000000
## 5215 CROCCP2 TCGA-BH-A18L-01  0.0000000
## 5216    MUC4 TCGA-BH-A18L-01  0.0000000
## 5217    CDH1 TCGA-BH-A18L-01  0.0000000
## 5218  PIK3CA TCGA-BH-A18L-01  0.0000000
## 5219   GATA3 TCGA-BH-A18L-01  0.0000000
## 5220     TTN TCGA-BH-A18L-01  0.0000000
## 5221   MUC16 TCGA-BH-A18M-01  0.0000000
## 5222    MLL3 TCGA-BH-A18M-01  0.0000000
## 5223  MAP3K1 TCGA-BH-A18M-01  1.0000000
## 5224    TP53 TCGA-BH-A18M-01  0.0000000
## 5225 CROCCP2 TCGA-BH-A18M-01  0.0000000
## 5226    MUC4 TCGA-BH-A18M-01  0.0000000
## 5227    CDH1 TCGA-BH-A18M-01  0.0000000
## 5228  PIK3CA TCGA-BH-A18M-01  0.0000000
## 5229   GATA3 TCGA-BH-A18M-01  0.0000000
## 5230     TTN TCGA-BH-A18M-01  0.0000000
## 5231   MUC16 TCGA-BH-A18P-01  1.0000000
## 5232    MLL3 TCGA-BH-A18P-01  1.0000000
## 5233  MAP3K1 TCGA-BH-A18P-01  1.0000000
## 5234    TP53 TCGA-BH-A18P-01  0.0000000
## 5235 CROCCP2 TCGA-BH-A18P-01  0.0000000
## 5236    MUC4 TCGA-BH-A18P-01  0.0000000
## 5237    CDH1 TCGA-BH-A18P-01  1.0000000
## 5238  PIK3CA TCGA-BH-A18P-01  0.0000000
## 5239   GATA3 TCGA-BH-A18P-01  0.0000000
```

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## 5240     TTN TCGA-BH-A18P-01  1.0000000
## 5241   MUC16 TCGA-BH-A18Q-01  0.0000000
## 5242    MLL3 TCGA-BH-A18Q-01  0.0000000
## 5243   MAP3K1 TCGA-BH-A18Q-01  0.0000000
## 5244    TP53 TCGA-BH-A18Q-01  1.0000000
## 5245 CROCCP2 TCGA-BH-A18Q-01  0.0000000
## 5246    MUC4 TCGA-BH-A18Q-01  0.0000000
## 5247    CDH1 TCGA-BH-A18Q-01  0.0000000
## 5248   PIK3CA TCGA-BH-A18Q-01  0.0000000
## 5249   GATA3 TCGA-BH-A18Q-01  0.0000000
## 5250     TTN TCGA-BH-A18Q-01  0.0000000
## 5251   MUC16 TCGA-BH-A18R-01  0.0000000
## 5252    MLL3 TCGA-BH-A18R-01  0.0000000
## 5253   MAP3K1 TCGA-BH-A18R-01  0.0000000
## 5254    TP53 TCGA-BH-A18R-01  0.0000000
## 5255 CROCCP2 TCGA-BH-A18R-01  0.0000000
## 5256    MUC4 TCGA-BH-A18R-01  0.0000000
## 5257    CDH1 TCGA-BH-A18R-01  0.0000000
## 5258   PIK3CA TCGA-BH-A18R-01  0.0000000
## 5259   GATA3 TCGA-BH-A18R-01  0.0000000
## 5260     TTN TCGA-BH-A18R-01  0.0000000
## 5261   MUC16 TCGA-BH-A18S-01  0.0000000
## 5262    MLL3 TCGA-BH-A18S-01  0.0000000
## 5263   MAP3K1 TCGA-BH-A18S-01  0.0000000
## 5264    TP53 TCGA-BH-A18S-01  0.0000000
## 5265 CROCCP2 TCGA-BH-A18S-01  0.0000000
## 5266    MUC4 TCGA-BH-A18S-01  0.0000000
## 5267    CDH1 TCGA-BH-A18S-01  0.0000000
## 5268   PIK3CA TCGA-BH-A18S-01  0.0000000
## 5269   GATA3 TCGA-BH-A18S-01  0.0000000
## 5270     TTN TCGA-BH-A18S-01  0.0000000
## 5271   MUC16 TCGA-BH-A18T-01  0.0000000
## 5272    MLL3 TCGA-BH-A18T-01  0.0000000
## 5273   MAP3K1 TCGA-BH-A18T-01  0.0000000
## 5274    TP53 TCGA-BH-A18T-01  1.0000000
## 5275 CROCCP2 TCGA-BH-A18T-01  0.0000000
## 5276    MUC4 TCGA-BH-A18T-01  0.0000000
## 5277    CDH1 TCGA-BH-A18T-01  0.0000000
## 5278   PIK3CA TCGA-BH-A18T-01  0.0000000
## 5279   GATA3 TCGA-BH-A18T-01  0.0000000
## 5280     TTN TCGA-BH-A18T-01  1.0000000
## 5281   MUC16 TCGA-BH-A18U-01  0.0000000
## 5282    MLL3 TCGA-BH-A18U-01  0.0000000
## 5283   MAP3K1 TCGA-BH-A18U-01  0.0000000
## 5284    TP53 TCGA-BH-A18U-01  1.0000000
## 5285 CROCCP2 TCGA-BH-A18U-01  0.0000000
## 5286    MUC4 TCGA-BH-A18U-01  0.0000000
## 5287    CDH1 TCGA-BH-A18U-01  0.0000000
## 5288   PIK3CA TCGA-BH-A18U-01  0.0000000
## 5289   GATA3 TCGA-BH-A18U-01  0.0000000
## 5290     TTN TCGA-BH-A18U-01  0.0000000
## 5291   MUC16 TCGA-BH-A18V-01  0.0000000
## 5292    MLL3 TCGA-BH-A18V-01  0.0000000
## 5293   MAP3K1 TCGA-BH-A18V-01  0.0000000
```

```
## 5294    TP53 TCGA-BH-A18V-01  1.0000000
## 5295 CROCCP2 TCGA-BH-A18V-01  0.0000000
## 5296    MUC4 TCGA-BH-A18V-01  0.0000000
## 5297    CDH1 TCGA-BH-A18V-01  0.0000000
## 5298  PIK3CA TCGA-BH-A18V-01  0.0000000
## 5299   GATA3 TCGA-BH-A18V-01  0.0000000
## 5300     TTN TCGA-BH-A18V-01  0.0000000
## 5301   MUC16 TCGA-BH-A1EN-01  0.0000000
## 5302    MLL3 TCGA-BH-A1EN-01  0.0000000
## 5303   MAP3K1 TCGA-BH-A1EN-01  0.0000000
## 5304    TP53 TCGA-BH-A1EN-01  0.0000000
## 5305 CROCCP2 TCGA-BH-A1EN-01  0.0000000
## 5306    MUC4 TCGA-BH-A1EN-01  0.0000000
## 5307    CDH1 TCGA-BH-A1EN-01  0.0000000
## 5308  PIK3CA TCGA-BH-A1EN-01  0.0000000
## 5309   GATA3 TCGA-BH-A1EN-01  0.0000000
## 5310     TTN TCGA-BH-A1EN-01  0.0000000
## 5311   MUC16 TCGA-BH-A1EO-01  0.0000000
## 5312    MLL3 TCGA-BH-A1EO-01  0.0000000
## 5313   MAP3K1 TCGA-BH-A1EO-01  0.0000000
## 5314    TP53 TCGA-BH-A1EO-01  0.0000000
## 5315 CROCCP2 TCGA-BH-A1EO-01  0.0000000
## 5316    MUC4 TCGA-BH-A1EO-01  0.0000000
## 5317    CDH1 TCGA-BH-A1EO-01  0.0000000
## 5318  PIK3CA TCGA-BH-A1EO-01  0.0000000
## 5319   GATA3 TCGA-BH-A1EO-01  0.0000000
## 5320     TTN TCGA-BH-A1EO-01  0.0000000
## 5321   MUC16 TCGA-BH-A1ES-01  0.0000000
## 5322    MLL3 TCGA-BH-A1ES-01  1.0000000
## 5323   MAP3K1 TCGA-BH-A1ES-01  0.0000000
## 5324    TP53 TCGA-BH-A1ES-01  0.0000000
## 5325 CROCCP2 TCGA-BH-A1ES-01  0.0000000
## 5326    MUC4 TCGA-BH-A1ES-01  0.0000000
## 5327    CDH1 TCGA-BH-A1ES-01  0.0000000
## 5328  PIK3CA TCGA-BH-A1ES-01  0.0000000
## 5329   GATA3 TCGA-BH-A1ES-01  0.0000000
## 5330     TTN TCGA-BH-A1ES-01  0.0000000
## 5331   MUC16 TCGA-BH-A1ET-01  0.0000000
## 5332    MLL3 TCGA-BH-A1ET-01  0.0000000
## 5333   MAP3K1 TCGA-BH-A1ET-01  0.0000000
## 5334    TP53 TCGA-BH-A1ET-01  0.0000000
## 5335 CROCCP2 TCGA-BH-A1ET-01  0.0000000
## 5336    MUC4 TCGA-BH-A1ET-01  0.0000000
## 5337    CDH1 TCGA-BH-A1ET-01  0.0000000
## 5338  PIK3CA TCGA-BH-A1ET-01  1.0000000
## 5339   GATA3 TCGA-BH-A1ET-01  0.0000000
## 5340     TTN TCGA-BH-A1ET-01  0.0000000
## 5341   MUC16 TCGA-BH-A1EV-01  0.0000000
## 5342    MLL3 TCGA-BH-A1EV-01  0.0000000
## 5343   MAP3K1 TCGA-BH-A1EV-01  0.0000000
## 5344    TP53 TCGA-BH-A1EV-01  0.0000000
## 5345 CROCCP2 TCGA-BH-A1EV-01  0.0000000
## 5346    MUC4 TCGA-BH-A1EV-01  0.0000000
## 5347    CDH1 TCGA-BH-A1EV-01  0.0000000
```

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## 5348  PIK3CA TCGA-BH-A1EV-01  0.0000000
## 5349   GATA3 TCGA-BH-A1EV-01  0.0000000
## 5350     TTN TCGA-BH-A1EV-01  0.0000000
## 5351   MUC16 TCGA-BH-A1EW-01  0.0000000
## 5352    MLL3 TCGA-BH-A1EW-01  0.0000000
## 5353  MAP3K1 TCGA-BH-A1EW-01  0.0000000
## 5354    TP53 TCGA-BH-A1EW-01  0.0000000
## 5355 CROCCP2 TCGA-BH-A1EW-01  0.0000000
## 5356    MUC4 TCGA-BH-A1EW-01  0.0000000
## 5357    CDH1 TCGA-BH-A1EW-01  0.0000000
## 5358  PIK3CA TCGA-BH-A1EW-01  0.0000000
## 5359   GATA3 TCGA-BH-A1EW-01  0.0000000
## 5360     TTN TCGA-BH-A1EW-01  0.0000000
## 5361   MUC16 TCGA-BH-A1EX-01  0.0000000
## 5362    MLL3 TCGA-BH-A1EX-01  0.0000000
## 5363  MAP3K1 TCGA-BH-A1EX-01  0.0000000
## 5364    TP53 TCGA-BH-A1EX-01  0.0000000
## 5365 CROCCP2 TCGA-BH-A1EX-01  0.0000000
## 5366    MUC4 TCGA-BH-A1EX-01  0.0000000
## 5367    CDH1 TCGA-BH-A1EX-01  0.0000000
## 5368  PIK3CA TCGA-BH-A1EX-01  0.0000000
## 5369   GATA3 TCGA-BH-A1EX-01  0.0000000
## 5370     TTN TCGA-BH-A1EX-01  0.0000000
## 5371   MUC16 TCGA-BH-A1EY-01  0.0000000
## 5372    MLL3 TCGA-BH-A1EY-01  1.0000000
## 5373  MAP3K1 TCGA-BH-A1EY-01  0.0000000
## 5374    TP53 TCGA-BH-A1EY-01  1.0000000
## 5375 CROCCP2 TCGA-BH-A1EY-01  0.0000000
## 5376    MUC4 TCGA-BH-A1EY-01  0.0000000
## 5377    CDH1 TCGA-BH-A1EY-01  0.0000000
## 5378  PIK3CA TCGA-BH-A1EY-01  0.0000000
## 5379   GATA3 TCGA-BH-A1EY-01  0.0000000
## 5380     TTN TCGA-BH-A1EY-01  0.0000000
## 5381   MUC16 TCGA-BH-A1F2-01  0.0000000
## 5382    MLL3 TCGA-BH-A1F2-01  0.0000000
## 5383  MAP3K1 TCGA-BH-A1F2-01  0.0000000
## 5384    TP53 TCGA-BH-A1F2-01  1.0000000
## 5385 CROCCP2 TCGA-BH-A1F2-01  0.0000000
## 5386    MUC4 TCGA-BH-A1F2-01  0.0000000
## 5387    CDH1 TCGA-BH-A1F2-01  0.0000000
## 5388  PIK3CA TCGA-BH-A1F2-01  0.0000000
## 5389   GATA3 TCGA-BH-A1F2-01  0.0000000
## 5390     TTN TCGA-BH-A1F2-01  1.0000000
## 5391   MUC16 TCGA-BH-A1F5-01  0.0000000
## 5392    MLL3 TCGA-BH-A1F5-01  0.0000000
## 5393  MAP3K1 TCGA-BH-A1F5-01  1.0000000
## 5394    TP53 TCGA-BH-A1F5-01  0.0000000
## 5395 CROCCP2 TCGA-BH-A1F5-01  0.0000000
## 5396    MUC4 TCGA-BH-A1F5-01  0.0000000
## 5397    CDH1 TCGA-BH-A1F5-01  0.0000000
## 5398  PIK3CA TCGA-BH-A1F5-01  0.0000000
## 5399   GATA3 TCGA-BH-A1F5-01  0.0000000
## 5400     TTN TCGA-BH-A1F5-01  0.0000000
## 5401   MUC16 TCGA-BH-A1F6-01  0.0000000
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## 5402    MLL3 TCGA-BH-A1F6-01  0.0000000
## 5403  MAP3K1 TCGA-BH-A1F6-01  0.0000000
## 5404    TP53 TCGA-BH-A1F6-01  1.0000000
## 5405 CROCCP2 TCGA-BH-A1F6-01  0.0000000
## 5406    MUC4 TCGA-BH-A1F6-01  0.0000000
## 5407    CDH1 TCGA-BH-A1F6-01  0.0000000
## 5408  PIK3CA TCGA-BH-A1F6-01  0.0000000
## 5409   GATA3 TCGA-BH-A1F6-01  0.0000000
## 5410     TTN TCGA-BH-A1F6-01  1.0000000
## 5411   MUC16 TCGA-BH-A1FC-01  0.0000000
## 5412    MLL3 TCGA-BH-A1FC-01  0.0000000
## 5413  MAP3K1 TCGA-BH-A1FC-01  0.0000000
## 5414    TP53 TCGA-BH-A1FC-01  1.0000000
## 5415 CROCCP2 TCGA-BH-A1FC-01  1.0000000
## 5416    MUC4 TCGA-BH-A1FC-01  0.0000000
## 5417    CDH1 TCGA-BH-A1FC-01  0.0000000
## 5418  PIK3CA TCGA-BH-A1FC-01  0.0000000
## 5419   GATA3 TCGA-BH-A1FC-01  0.0000000
## 5420     TTN TCGA-BH-A1FC-01  0.0000000
## 5421   MUC16 TCGA-BH-A1FD-01  0.0000000
## 5422    MLL3 TCGA-BH-A1FD-01  0.0000000
## 5423  MAP3K1 TCGA-BH-A1FD-01  0.0000000
## 5424    TP53 TCGA-BH-A1FD-01  1.0000000
## 5425 CROCCP2 TCGA-BH-A1FD-01  0.0000000
## 5426    MUC4 TCGA-BH-A1FD-01  0.0000000
## 5427    CDH1 TCGA-BH-A1FD-01  0.0000000
## 5428  PIK3CA TCGA-BH-A1FD-01  0.0000000
## 5429   GATA3 TCGA-BH-A1FD-01  0.0000000
## 5430     TTN TCGA-BH-A1FD-01  1.0000000
## 5431   MUC16 TCGA-BH-A1FE-01  0.0000000
## 5432    MLL3 TCGA-BH-A1FE-01  0.0000000
## 5433  MAP3K1 TCGA-BH-A1FE-01  0.0000000
## 5434    TP53 TCGA-BH-A1FE-01  1.0000000
## 5435 CROCCP2 TCGA-BH-A1FE-01  0.0000000
## 5436    MUC4 TCGA-BH-A1FE-01  0.0000000
## 5437    CDH1 TCGA-BH-A1FE-01  0.0000000
## 5438  PIK3CA TCGA-BH-A1FE-01  1.0000000
## 5439   GATA3 TCGA-BH-A1FE-01  0.0000000
## 5440     TTN TCGA-BH-A1FE-01  0.0000000
## 5441   MUC16 TCGA-BH-A1FH-01  0.0000000
## 5442    MLL3 TCGA-BH-A1FH-01  0.0000000
## 5443  MAP3K1 TCGA-BH-A1FH-01  0.0000000
## 5444    TP53 TCGA-BH-A1FH-01  0.0000000
## 5445 CROCCP2 TCGA-BH-A1FH-01  0.0000000
## 5446    MUC4 TCGA-BH-A1FH-01  0.0000000
## 5447    CDH1 TCGA-BH-A1FH-01  0.0000000
## 5448  PIK3CA TCGA-BH-A1FH-01  0.0000000
## 5449   GATA3 TCGA-BH-A1FH-01  1.0000000
## 5450     TTN TCGA-BH-A1FH-01  0.0000000
## 5451   MUC16 TCGA-BH-A1FJ-01  1.0000000
## 5452    MLL3 TCGA-BH-A1FJ-01  0.0000000
## 5453  MAP3K1 TCGA-BH-A1FJ-01  0.0000000
## 5454    TP53 TCGA-BH-A1FJ-01  0.0000000
## 5455 CROCCP2 TCGA-BH-A1FJ-01  1.0000000
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## 5456     MUC4 TCGA-BH-A1FJ-01  0.0000000
## 5457     CDH1 TCGA-BH-A1FJ-01  0.0000000
## 5458   PIK3CA TCGA-BH-A1FJ-01  0.0000000
## 5459    GATA3 TCGA-BH-A1FJ-01  0.0000000
## 5460      TTN TCGA-BH-A1FJ-01  0.0000000
## 5461    MUC16 TCGA-BH-A1FL-01  0.0000000
## 5462     MLL3 TCGA-BH-A1FL-01  0.0000000
## 5463    MAP3K1 TCGA-BH-A1FL-01  0.0000000
## 5464     TP53 TCGA-BH-A1FL-01  0.0000000
## 5465  CROCCP2 TCGA-BH-A1FL-01  1.0000000
## 5466     MUC4 TCGA-BH-A1FL-01  0.0000000
## 5467     CDH1 TCGA-BH-A1FL-01  0.0000000
## 5468   PIK3CA TCGA-BH-A1FL-01  0.0000000
## 5469    GATA3 TCGA-BH-A1FL-01  0.0000000
## 5470      TTN TCGA-BH-A1FL-01  0.0000000
## 5471    MUC16 TCGA-BH-A1FM-01  0.0000000
## 5472     MLL3 TCGA-BH-A1FM-01  0.0000000
## 5473    MAP3K1 TCGA-BH-A1FM-01  0.0000000
## 5474     TP53 TCGA-BH-A1FM-01  0.0000000
## 5475  CROCCP2 TCGA-BH-A1FM-01  0.0000000
## 5476     MUC4 TCGA-BH-A1FM-01  0.0000000
## 5477     CDH1 TCGA-BH-A1FM-01  0.0000000
## 5478   PIK3CA TCGA-BH-A1FM-01  0.0000000
## 5479    GATA3 TCGA-BH-A1FM-01  0.0000000
## 5480      TTN TCGA-BH-A1FM-01  0.0000000
## 5481    MUC16 TCGA-BH-A1FN-01  0.0000000
## 5482     MLL3 TCGA-BH-A1FN-01  0.0000000
## 5483    MAP3K1 TCGA-BH-A1FN-01  0.0000000
## 5484     TP53 TCGA-BH-A1FN-01  1.0000000
## 5485  CROCCP2 TCGA-BH-A1FN-01  0.0000000
## 5486     MUC4 TCGA-BH-A1FN-01  1.0000000
## 5487     CDH1 TCGA-BH-A1FN-01  0.0000000
## 5488   PIK3CA TCGA-BH-A1FN-01  0.0000000
## 5489    GATA3 TCGA-BH-A1FN-01  0.0000000
## 5490      TTN TCGA-BH-A1FN-01  1.0000000
## 5491    MUC16 TCGA-BH-A1FR-01  0.0000000
## 5492     MLL3 TCGA-BH-A1FR-01  0.0000000
## 5493    MAP3K1 TCGA-BH-A1FR-01  0.0000000
## 5494     TP53 TCGA-BH-A1FR-01  0.0000000
## 5495  CROCCP2 TCGA-BH-A1FR-01  0.0000000
## 5496     MUC4 TCGA-BH-A1FR-01  0.0000000
## 5497     CDH1 TCGA-BH-A1FR-01  0.0000000
## 5498   PIK3CA TCGA-BH-A1FR-01  0.0000000
## 5499    GATA3 TCGA-BH-A1FR-01  0.0000000
## 5500      TTN TCGA-BH-A1FR-01  0.0000000
## 5501    MUC16 TCGA-BH-A1FU-01  0.0000000
## 5502     MLL3 TCGA-BH-A1FU-01  0.0000000
## 5503    MAP3K1 TCGA-BH-A1FU-01  0.0000000
## 5504     TP53 TCGA-BH-A1FU-01  1.0000000
## 5505  CROCCP2 TCGA-BH-A1FU-01  0.0000000
## 5506     MUC4 TCGA-BH-A1FU-01  0.0000000
## 5507     CDH1 TCGA-BH-A1FU-01  0.0000000
## 5508   PIK3CA TCGA-BH-A1FU-01  0.0000000
## 5509    GATA3 TCGA-BH-A1FU-01  0.0000000
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## 5510     TTN TCGA-BH-A1FU-01  0.0000000
## 5511   MUC16 TCGA-BH-A201-01  0.0000000
## 5512    MLL3 TCGA-BH-A201-01  0.0000000
## 5513  MAP3K1 TCGA-BH-A201-01  0.0000000
## 5514    TP53 TCGA-BH-A201-01  0.0000000
## 5515 CROCCP2 TCGA-BH-A201-01  0.0000000
## 5516    MUC4 TCGA-BH-A201-01  0.0000000
## 5517    CDH1 TCGA-BH-A201-01  0.0000000
## 5518   PIK3CA TCGA-BH-A201-01  0.0000000
## 5519   GATA3 TCGA-BH-A201-01  0.0000000
## 5520     TTN TCGA-BH-A201-01  0.0000000
## 5521   MUC16 TCGA-BH-A202-01  0.0000000
## 5522    MLL3 TCGA-BH-A202-01  0.0000000
## 5523  MAP3K1 TCGA-BH-A202-01  0.0000000
## 5524    TP53 TCGA-BH-A202-01  1.0000000
## 5525 CROCCP2 TCGA-BH-A202-01  0.0000000
## 5526    MUC4 TCGA-BH-A202-01  0.0000000
## 5527    CDH1 TCGA-BH-A202-01  0.0000000
## 5528   PIK3CA TCGA-BH-A202-01  1.0000000
## 5529   GATA3 TCGA-BH-A202-01  0.0000000
## 5530     TTN TCGA-BH-A202-01  0.0000000
## 5531   MUC16 TCGA-BH-A203-01  0.0000000
## 5532    MLL3 TCGA-BH-A203-01  0.0000000
## 5533  MAP3K1 TCGA-BH-A203-01  0.0000000
## 5534    TP53 TCGA-BH-A203-01  1.0000000
## 5535 CROCCP2 TCGA-BH-A203-01  0.0000000
## 5536    MUC4 TCGA-BH-A203-01  0.0000000
## 5537    CDH1 TCGA-BH-A203-01  0.0000000
## 5538   PIK3CA TCGA-BH-A203-01  1.0000000
## 5539   GATA3 TCGA-BH-A203-01  0.0000000
## 5540     TTN TCGA-BH-A203-01  1.0000000
## 5541   MUC16 TCGA-BH-A208-01  0.0000000
## 5542    MLL3 TCGA-BH-A208-01  0.0000000
## 5543  MAP3K1 TCGA-BH-A208-01  0.0000000
## 5544    TP53 TCGA-BH-A208-01  1.0000000
## 5545 CROCCP2 TCGA-BH-A208-01  0.0000000
## 5546    MUC4 TCGA-BH-A208-01  0.0000000
## 5547    CDH1 TCGA-BH-A208-01  0.0000000
## 5548   PIK3CA TCGA-BH-A208-01  1.0000000
## 5549   GATA3 TCGA-BH-A208-01  0.0000000
## 5550     TTN TCGA-BH-A208-01  0.0000000
## 5551   MUC16 TCGA-BH-A209-01  1.0000000
## 5552    MLL3 TCGA-BH-A209-01  0.0000000
## 5553  MAP3K1 TCGA-BH-A209-01  0.0000000
## 5554    TP53 TCGA-BH-A209-01  0.0000000
## 5555 CROCCP2 TCGA-BH-A209-01  0.0000000
## 5556    MUC4 TCGA-BH-A209-01  0.0000000
## 5557    CDH1 TCGA-BH-A209-01  1.0000000
## 5558   PIK3CA TCGA-BH-A209-01  0.0000000
## 5559   GATA3 TCGA-BH-A209-01  0.0000000
## 5560     TTN TCGA-BH-A209-01  0.0000000
## 5561   MUC16 TCGA-BH-A280-01  0.0000000
## 5562    MLL3 TCGA-BH-A280-01  0.0000000
## 5563  MAP3K1 TCGA-BH-A280-01  0.0000000
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## 5564     TP53 TCGA-BH-A28O-01  0.0000000
## 5565 CROCCP2 TCGA-BH-A28O-01  0.0000000
## 5566    MUC4 TCGA-BH-A28O-01  0.0000000
## 5567    CDH1 TCGA-BH-A28O-01  0.0000000
## 5568  PIK3CA TCGA-BH-A28O-01  0.0000000
## 5569   GATA3 TCGA-BH-A28O-01  0.0000000
## 5570     TTN TCGA-BH-A28O-01  1.0000000
## 5571   MUC16 TCGA-BH-A28Q-01  0.0000000
## 5572    MLL3 TCGA-BH-A28Q-01  0.0000000
## 5573   MAP3K1 TCGA-BH-A28Q-01  0.0000000
## 5574     TP53 TCGA-BH-A28Q-01  0.0000000
## 5575 CROCCP2 TCGA-BH-A28Q-01  0.0000000
## 5576    MUC4 TCGA-BH-A28Q-01  0.0000000
## 5577    CDH1 TCGA-BH-A28Q-01  1.0000000
## 5578  PIK3CA TCGA-BH-A28Q-01  0.0000000
## 5579   GATA3 TCGA-BH-A28Q-01  0.0000000
## 5580     TTN TCGA-BH-A28Q-01  0.0000000
## 5581   MUC16 TCGA-BH-A2L8-01  1.0000000
## 5582    MLL3 TCGA-BH-A2L8-01  0.0000000
## 5583   MAP3K1 TCGA-BH-A2L8-01  0.0000000
## 5584     TP53 TCGA-BH-A2L8-01  0.0000000
## 5585 CROCCP2 TCGA-BH-A2L8-01  0.0000000
## 5586    MUC4 TCGA-BH-A2L8-01  0.0000000
## 5587    CDH1 TCGA-BH-A2L8-01  1.0000000
## 5588  PIK3CA TCGA-BH-A2L8-01  1.0000000
## 5589   GATA3 TCGA-BH-A2L8-01  1.0000000
## 5590     TTN TCGA-BH-A2L8-01  1.0000000
## 5591   MUC16 TCGA-BH-A42T-01  0.0000000
## 5592    MLL3 TCGA-BH-A42T-01  0.0000000
## 5593   MAP3K1 TCGA-BH-A42T-01  0.0000000
## 5594     TP53 TCGA-BH-A42T-01  0.0000000
## 5595 CROCCP2 TCGA-BH-A42T-01  0.0000000
## 5596    MUC4 TCGA-BH-A42T-01  0.0000000
## 5597    CDH1 TCGA-BH-A42T-01  0.0000000
## 5598  PIK3CA TCGA-BH-A42T-01  1.0000000
## 5599   GATA3 TCGA-BH-A42T-01  0.0000000
## 5600     TTN TCGA-BH-A42T-01  0.0000000
## 5601   MUC16 TCGA-BH-A42V-01  0.0000000
## 5602    MLL3 TCGA-BH-A42V-01  0.0000000
## 5603   MAP3K1 TCGA-BH-A42V-01  1.0000000
## 5604     TP53 TCGA-BH-A42V-01  0.0000000
## 5605 CROCCP2 TCGA-BH-A42V-01  0.0000000
## 5606    MUC4 TCGA-BH-A42V-01  0.0000000
## 5607    CDH1 TCGA-BH-A42V-01  0.0000000
## 5608  PIK3CA TCGA-BH-A42V-01  1.0000000
## 5609   GATA3 TCGA-BH-A42V-01  0.0000000
## 5610     TTN TCGA-BH-A42V-01  0.0000000
## 5611   MUC16 TCGA-BH-A5IZ-01  0.0000000
## 5612    MLL3 TCGA-BH-A5IZ-01  0.0000000
## 5613   MAP3K1 TCGA-BH-A5IZ-01  0.0000000
## 5614     TP53 TCGA-BH-A5IZ-01  1.0000000
## 5615 CROCCP2 TCGA-BH-A5IZ-01  0.0000000
## 5616    MUC4 TCGA-BH-A5IZ-01  0.0000000
## 5617    CDH1 TCGA-BH-A5IZ-01  0.0000000
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## 5618  PIK3CA TCGA-BH-A5IZ-01  0.0000000
## 5619   GATA3 TCGA-BH-A5IZ-01  0.0000000
## 5620     TTN TCGA-BH-A5IZ-01  0.0000000
## 5621   MUC16 TCGA-BH-A5J0-01  0.0000000
## 5622    MLL3 TCGA-BH-A5J0-01  0.0000000
## 5623   MAP3K1 TCGA-BH-A5J0-01  0.0000000
## 5624    TP53 TCGA-BH-A5J0-01  1.0000000
## 5625 CROCCP2 TCGA-BH-A5J0-01  0.0000000
## 5626    MUC4 TCGA-BH-A5J0-01  0.0000000
## 5627    CDH1 TCGA-BH-A5J0-01  0.0000000
## 5628  PIK3CA TCGA-BH-A5J0-01  1.0000000
## 5629   GATA3 TCGA-BH-A5J0-01  0.0000000
## 5630     TTN TCGA-BH-A5J0-01  1.0000000
## 5631   MUC16 TCGA-C8-A12L-01  0.0000000
## 5632    MLL3 TCGA-C8-A12L-01  0.0000000
## 5633   MAP3K1 TCGA-C8-A12L-01  0.0000000
## 5634    TP53 TCGA-C8-A12L-01  1.0000000
## 5635 CROCCP2 TCGA-C8-A12L-01  0.0000000
## 5636    MUC4 TCGA-C8-A12L-01  0.0000000
## 5637    CDH1 TCGA-C8-A12L-01  0.0000000
## 5638  PIK3CA TCGA-C8-A12L-01  1.0000000
## 5639   GATA3 TCGA-C8-A12L-01  0.0000000
## 5640     TTN TCGA-C8-A12L-01  0.0000000
## 5641   MUC16 TCGA-C8-A12M-01  0.0000000
## 5642    MLL3 TCGA-C8-A12M-01  0.0000000
## 5643   MAP3K1 TCGA-C8-A12M-01  0.0000000
## 5644    TP53 TCGA-C8-A12M-01  0.0000000
## 5645 CROCCP2 TCGA-C8-A12M-01  0.0000000
## 5646    MUC4 TCGA-C8-A12M-01  0.0000000
## 5647    CDH1 TCGA-C8-A12M-01  0.0000000
## 5648  PIK3CA TCGA-C8-A12M-01  0.0000000
## 5649   GATA3 TCGA-C8-A12M-01  1.0000000
## 5650     TTN TCGA-C8-A12M-01  0.0000000
## 5651   MUC16 TCGA-C8-A12N-01  0.0000000
## 5652    MLL3 TCGA-C8-A12N-01  1.0000000
## 5653   MAP3K1 TCGA-C8-A12N-01  1.0000000
## 5654    TP53 TCGA-C8-A12N-01  0.0000000
## 5655 CROCCP2 TCGA-C8-A12N-01  1.0000000
## 5656    MUC4 TCGA-C8-A12N-01  0.0000000
## 5657    CDH1 TCGA-C8-A12N-01  0.0000000
## 5658  PIK3CA TCGA-C8-A12N-01  1.0000000
## 5659   GATA3 TCGA-C8-A12N-01  0.0000000
## 5660     TTN TCGA-C8-A12N-01  0.0000000
## 5661   MUC16 TCGA-C8-A12O-01  0.0000000
## 5662    MLL3 TCGA-C8-A12O-01  0.0000000
## 5663   MAP3K1 TCGA-C8-A12O-01  0.0000000
## 5664    TP53 TCGA-C8-A12O-01  1.0000000
## 5665 CROCCP2 TCGA-C8-A12O-01  0.0000000
## 5666    MUC4 TCGA-C8-A12O-01  0.0000000
## 5667    CDH1 TCGA-C8-A12O-01  0.0000000
## 5668  PIK3CA TCGA-C8-A12O-01  0.0000000
## 5669   GATA3 TCGA-C8-A12O-01  0.0000000
## 5670     TTN TCGA-C8-A12O-01  0.0000000
## 5671   MUC16 TCGA-C8-A12P-01  0.0000000
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## 5672    MLL3 TCGA-C8-A12P-01  0.0000000
## 5673  MAP3K1 TCGA-C8-A12P-01  0.0000000
## 5674    TP53 TCGA-C8-A12P-01  1.0000000
## 5675 CROCCP2 TCGA-C8-A12P-01  0.0000000
## 5676    MUC4 TCGA-C8-A12P-01  0.0000000
## 5677    CDH1 TCGA-C8-A12P-01  0.0000000
## 5678   PIK3CA TCGA-C8-A12P-01  0.0000000
## 5679   GATA3 TCGA-C8-A12P-01  0.0000000
## 5680     TTN TCGA-C8-A12P-01  0.0000000
## 5681   MUC16 TCGA-C8-A12Q-01  0.0000000
## 5682    MLL3 TCGA-C8-A12Q-01  0.0000000
## 5683  MAP3K1 TCGA-C8-A12Q-01  0.0000000
## 5684    TP53 TCGA-C8-A12Q-01  1.0000000
## 5685 CROCCP2 TCGA-C8-A12Q-01  0.0000000
## 5686    MUC4 TCGA-C8-A12Q-01  0.0000000
## 5687    CDH1 TCGA-C8-A12Q-01  0.0000000
## 5688   PIK3CA TCGA-C8-A12Q-01  0.0000000
## 5689   GATA3 TCGA-C8-A12Q-01  0.0000000
## 5690     TTN TCGA-C8-A12Q-01  0.0000000
## 5691   MUC16 TCGA-C8-A12T-01  0.0000000
## 5692    MLL3 TCGA-C8-A12T-01  0.0000000
## 5693  MAP3K1 TCGA-C8-A12T-01  0.0000000
## 5694    TP53 TCGA-C8-A12T-01  1.0000000
## 5695 CROCCP2 TCGA-C8-A12T-01  0.0000000
## 5696    MUC4 TCGA-C8-A12T-01  0.0000000
## 5697    CDH1 TCGA-C8-A12T-01  0.0000000
## 5698   PIK3CA TCGA-C8-A12T-01  1.0000000
## 5699   GATA3 TCGA-C8-A12T-01  0.0000000
## 5700     TTN TCGA-C8-A12T-01  0.0000000
## 5701   MUC16 TCGA-C8-A12U-01  0.0000000
## 5702    MLL3 TCGA-C8-A12U-01  0.0000000
## 5703  MAP3K1 TCGA-C8-A12U-01  0.0000000
## 5704    TP53 TCGA-C8-A12U-01  0.0000000
## 5705 CROCCP2 TCGA-C8-A12U-01  0.0000000
## 5706    MUC4 TCGA-C8-A12U-01  0.0000000
## 5707    CDH1 TCGA-C8-A12U-01  0.0000000
## 5708   PIK3CA TCGA-C8-A12U-01  1.0000000
## 5709   GATA3 TCGA-C8-A12U-01  1.0000000
## 5710     TTN TCGA-C8-A12U-01  0.0000000
## 5711   MUC16 TCGA-C8-A12V-01  0.0000000
## 5712    MLL3 TCGA-C8-A12V-01  0.0000000
## 5713  MAP3K1 TCGA-C8-A12V-01  0.0000000
## 5714    TP53 TCGA-C8-A12V-01  0.0000000
## 5715 CROCCP2 TCGA-C8-A12V-01  0.0000000
## 5716    MUC4 TCGA-C8-A12V-01  0.0000000
## 5717    CDH1 TCGA-C8-A12V-01  0.0000000
## 5718   PIK3CA TCGA-C8-A12V-01  0.0000000
## 5719   GATA3 TCGA-C8-A12V-01  0.0000000
## 5720     TTN TCGA-C8-A12V-01  0.0000000
## 5721   MUC16 TCGA-C8-A12W-01  0.0000000
## 5722    MLL3 TCGA-C8-A12W-01  0.0000000
## 5723  MAP3K1 TCGA-C8-A12W-01  0.0000000
## 5724    TP53 TCGA-C8-A12W-01  1.0000000
## 5725 CROCCP2 TCGA-C8-A12W-01  0.0000000
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## 5726    MUC4 TCGA-C8-A12W-01  0.0000000
## 5727    CDH1 TCGA-C8-A12W-01  0.0000000
## 5728  PIK3CA TCGA-C8-A12W-01  0.0000000
## 5729   GATA3 TCGA-C8-A12W-01  0.0000000
## 5730     TTN TCGA-C8-A12W-01  1.0000000
## 5731   MUC16 TCGA-C8-A12X-01  0.0000000
## 5732    MLL3 TCGA-C8-A12X-01  0.0000000
## 5733  MAP3K1 TCGA-C8-A12X-01  0.0000000
## 5734    TP53 TCGA-C8-A12X-01  0.0000000
## 5735 CROCCP2 TCGA-C8-A12X-01  1.0000000
## 5736    MUC4 TCGA-C8-A12X-01  0.0000000
## 5737    CDH1 TCGA-C8-A12X-01  0.0000000
## 5738  PIK3CA TCGA-C8-A12X-01  0.0000000
## 5739   GATA3 TCGA-C8-A12X-01  0.0000000
## 5740     TTN TCGA-C8-A12X-01  0.0000000
## 5741   MUC16 TCGA-C8-A12Y-01  0.0000000
## 5742    MLL3 TCGA-C8-A12Y-01  0.0000000
## 5743  MAP3K1 TCGA-C8-A12Y-01  0.0000000
## 5744    TP53 TCGA-C8-A12Y-01  0.0000000
## 5745 CROCCP2 TCGA-C8-A12Y-01  0.0000000
## 5746    MUC4 TCGA-C8-A12Y-01  0.0000000
## 5747    CDH1 TCGA-C8-A12Y-01  0.0000000
## 5748  PIK3CA TCGA-C8-A12Y-01  1.0000000
## 5749   GATA3 TCGA-C8-A12Y-01  0.0000000
## 5750     TTN TCGA-C8-A12Y-01  0.0000000
## 5751   MUC16 TCGA-C8-A12Z-01  0.0000000
## 5752    MLL3 TCGA-C8-A12Z-01  0.0000000
## 5753  MAP3K1 TCGA-C8-A12Z-01  0.0000000
## 5754    TP53 TCGA-C8-A12Z-01  1.0000000
## 5755 CROCCP2 TCGA-C8-A12Z-01  0.0000000
## 5756    MUC4 TCGA-C8-A12Z-01  0.0000000
## 5757    CDH1 TCGA-C8-A12Z-01  0.0000000
## 5758  PIK3CA TCGA-C8-A12Z-01  0.0000000
## 5759   GATA3 TCGA-C8-A12Z-01  0.0000000
## 5760     TTN TCGA-C8-A12Z-01  0.0000000
## 5761   MUC16 TCGA-C8-A130-01  0.0000000
## 5762    MLL3 TCGA-C8-A130-01  0.0000000
## 5763  MAP3K1 TCGA-C8-A130-01  0.0000000
## 5764    TP53 TCGA-C8-A130-01  1.0000000
## 5765 CROCCP2 TCGA-C8-A130-01  0.0000000
## 5766    MUC4 TCGA-C8-A130-01  0.0000000
## 5767    CDH1 TCGA-C8-A130-01  0.0000000
## 5768  PIK3CA TCGA-C8-A130-01  1.0000000
## 5769   GATA3 TCGA-C8-A130-01  0.0000000
## 5770     TTN TCGA-C8-A130-01  0.0000000
## 5771   MUC16 TCGA-C8-A132-01  0.0000000
## 5772    MLL3 TCGA-C8-A132-01  0.0000000
## 5773  MAP3K1 TCGA-C8-A132-01  0.0000000
## 5774    TP53 TCGA-C8-A132-01  0.0000000
## 5775 CROCCP2 TCGA-C8-A132-01  0.0000000
## 5776    MUC4 TCGA-C8-A132-01  0.0000000
## 5777    CDH1 TCGA-C8-A132-01  0.0000000
## 5778  PIK3CA TCGA-C8-A132-01  0.0000000
## 5779   GATA3 TCGA-C8-A132-01  0.0000000
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## 5780     TTN TCGA-C8-A132-01  0.0000000
## 5781   MUC16 TCGA-C8-A133-01  0.0000000
## 5782    MLL3 TCGA-C8-A133-01  0.0000000
## 5783   MAP3K1 TCGA-C8-A133-01  0.0000000
## 5784    TP53 TCGA-C8-A133-01  0.0000000
## 5785 CROCCP2 TCGA-C8-A133-01  0.0000000
## 5786    MUC4 TCGA-C8-A133-01  0.0000000
## 5787    CDH1 TCGA-C8-A133-01  0.0000000
## 5788  PIK3CA TCGA-C8-A133-01  1.0000000
## 5789   GATA3 TCGA-C8-A133-01  0.0000000
## 5790     TTN TCGA-C8-A133-01  0.0000000
## 5791   MUC16 TCGA-C8-A134-01  0.0000000
## 5792    MLL3 TCGA-C8-A134-01  0.0000000
## 5793   MAP3K1 TCGA-C8-A134-01  0.0000000
## 5794    TP53 TCGA-C8-A134-01  1.0000000
## 5795 CROCCP2 TCGA-C8-A134-01  0.0000000
## 5796    MUC4 TCGA-C8-A134-01  0.0000000
## 5797    CDH1 TCGA-C8-A134-01  0.0000000
## 5798  PIK3CA TCGA-C8-A134-01  0.0000000
## 5799   GATA3 TCGA-C8-A134-01  0.0000000
## 5800     TTN TCGA-C8-A134-01  0.0000000
## 5801   MUC16 TCGA-C8-A135-01  0.0000000
## 5802    MLL3 TCGA-C8-A135-01  0.0000000
## 5803   MAP3K1 TCGA-C8-A135-01  0.0000000
## 5804    TP53 TCGA-C8-A135-01  1.0000000
## 5805 CROCCP2 TCGA-C8-A135-01  0.0000000
## 5806    MUC4 TCGA-C8-A135-01  0.0000000
## 5807    CDH1 TCGA-C8-A135-01  0.0000000
## 5808  PIK3CA TCGA-C8-A135-01  0.0000000
## 5809   GATA3 TCGA-C8-A135-01  0.0000000
## 5810     TTN TCGA-C8-A135-01  0.0000000
## 5811   MUC16 TCGA-C8-A137-01  0.0000000
## 5812    MLL3 TCGA-C8-A137-01  0.0000000
## 5813   MAP3K1 TCGA-C8-A137-01  0.0000000
## 5814    TP53 TCGA-C8-A137-01  0.0000000
## 5815 CROCCP2 TCGA-C8-A137-01  0.0000000
## 5816    MUC4 TCGA-C8-A137-01  0.0000000
## 5817    CDH1 TCGA-C8-A137-01  0.0000000
## 5818  PIK3CA TCGA-C8-A137-01  0.0000000
## 5819   GATA3 TCGA-C8-A137-01  0.0000000
## 5820     TTN TCGA-C8-A137-01  0.0000000
## 5821   MUC16 TCGA-C8-A138-01  0.0000000
## 5822    MLL3 TCGA-C8-A138-01  0.0000000
## 5823   MAP3K1 TCGA-C8-A138-01  0.0000000
## 5824    TP53 TCGA-C8-A138-01  1.0000000
## 5825 CROCCP2 TCGA-C8-A138-01  0.0000000
## 5826    MUC4 TCGA-C8-A138-01  0.0000000
## 5827    CDH1 TCGA-C8-A138-01  0.0000000
## 5828  PIK3CA TCGA-C8-A138-01  0.0000000
## 5829   GATA3 TCGA-C8-A138-01  1.0000000
## 5830     TTN TCGA-C8-A138-01  0.0000000
## 5831   MUC16 TCGA-C8-A1HE-01  0.0000000
## 5832    MLL3 TCGA-C8-A1HE-01  0.0000000
## 5833   MAP3K1 TCGA-C8-A1HE-01  0.0000000
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## 5834    TP53 TCGA-C8-A1HE-01  0.0000000
## 5835 CROCCP2 TCGA-C8-A1HE-01  0.0000000
## 5836    MUC4 TCGA-C8-A1HE-01  0.0000000
## 5837    CDH1 TCGA-C8-A1HE-01  0.0000000
## 5838  PIK3CA TCGA-C8-A1HE-01  1.0000000
## 5839   GATA3 TCGA-C8-A1HE-01  0.0000000
## 5840     TTN TCGA-C8-A1HE-01  0.0000000
## 5841   MUC16 TCGA-C8-A1HF-01  0.0000000
## 5842    MLL3 TCGA-C8-A1HF-01  0.0000000
## 5843   MAP3K1 TCGA-C8-A1HF-01  0.0000000
## 5844    TP53 TCGA-C8-A1HF-01  1.0000000
## 5845 CROCCP2 TCGA-C8-A1HF-01  0.0000000
## 5846    MUC4 TCGA-C8-A1HF-01  0.0000000
## 5847    CDH1 TCGA-C8-A1HF-01  0.0000000
## 5848  PIK3CA TCGA-C8-A1HF-01  1.0000000
## 5849   GATA3 TCGA-C8-A1HF-01  0.0000000
## 5850     TTN TCGA-C8-A1HF-01  0.0000000
## 5851   MUC16 TCGA-C8-A1HG-01  0.0000000
## 5852    MLL3 TCGA-C8-A1HG-01  0.0000000
## 5853   MAP3K1 TCGA-C8-A1HG-01  0.0000000
## 5854    TP53 TCGA-C8-A1HG-01  1.0000000
## 5855 CROCCP2 TCGA-C8-A1HG-01  0.0000000
## 5856    MUC4 TCGA-C8-A1HG-01  0.0000000
## 5857    CDH1 TCGA-C8-A1HG-01  0.0000000
## 5858  PIK3CA TCGA-C8-A1HG-01  0.0000000
## 5859   GATA3 TCGA-C8-A1HG-01  0.0000000
## 5860     TTN TCGA-C8-A1HG-01  0.0000000
## 5861   MUC16 TCGA-C8-A1HI-01  0.0000000
## 5862    MLL3 TCGA-C8-A1HI-01  0.0000000
## 5863   MAP3K1 TCGA-C8-A1HI-01  0.0000000
## 5864    TP53 TCGA-C8-A1HI-01  0.0000000
## 5865 CROCCP2 TCGA-C8-A1HI-01  0.0000000
## 5866    MUC4 TCGA-C8-A1HI-01  0.0000000
## 5867    CDH1 TCGA-C8-A1HI-01  0.0000000
## 5868  PIK3CA TCGA-C8-A1HI-01  0.0000000
## 5869   GATA3 TCGA-C8-A1HI-01  1.0000000
## 5870     TTN TCGA-C8-A1HI-01  0.0000000
## 5871   MUC16 TCGA-C8-A1HJ-01  0.0000000
## 5872    MLL3 TCGA-C8-A1HJ-01  0.0000000
## 5873   MAP3K1 TCGA-C8-A1HJ-01  0.0000000
## 5874    TP53 TCGA-C8-A1HJ-01  1.0000000
## 5875 CROCCP2 TCGA-C8-A1HJ-01  0.0000000
## 5876    MUC4 TCGA-C8-A1HJ-01  0.0000000
## 5877    CDH1 TCGA-C8-A1HJ-01  0.0000000
## 5878  PIK3CA TCGA-C8-A1HJ-01  0.0000000
## 5879   GATA3 TCGA-C8-A1HJ-01  0.0000000
## 5880     TTN TCGA-C8-A1HJ-01  1.0000000
## 5881   MUC16 TCGA-C8-A1HK-01  0.0000000
## 5882    MLL3 TCGA-C8-A1HK-01  0.0000000
## 5883   MAP3K1 TCGA-C8-A1HK-01  0.0000000
## 5884    TP53 TCGA-C8-A1HK-01  1.0000000
## 5885 CROCCP2 TCGA-C8-A1HK-01  0.0000000
## 5886    MUC4 TCGA-C8-A1HK-01  0.0000000
## 5887    CDH1 TCGA-C8-A1HK-01  0.0000000
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## 5888   PIK3CA TCGA-C8-A1HK-01  0.0000000
## 5889    GATA3 TCGA-C8-A1HK-01  0.0000000
## 5890      TTN TCGA-C8-A1HK-01  0.0000000
## 5891    MUC16 TCGA-C8-A1HL-01  0.0000000
## 5892     MLL3 TCGA-C8-A1HL-01  0.0000000
## 5893   MAP3K1 TCGA-C8-A1HL-01  0.0000000
## 5894     TP53 TCGA-C8-A1HL-01  0.0000000
## 5895  CROCCP2 TCGA-C8-A1HL-01  0.0000000
## 5896     MUC4 TCGA-C8-A1HL-01  0.0000000
## 5897     CDH1 TCGA-C8-A1HL-01  0.0000000
## 5898   PIK3CA TCGA-C8-A1HL-01  0.0000000
## 5899    GATA3 TCGA-C8-A1HL-01  1.0000000
## 5900      TTN TCGA-C8-A1HL-01  0.0000000
## 5901    MUC16 TCGA-C8-A1HM-01  1.0000000
## 5902     MLL3 TCGA-C8-A1HM-01  0.0000000
## 5903   MAP3K1 TCGA-C8-A1HM-01  0.0000000
## 5904     TP53 TCGA-C8-A1HM-01  1.0000000
## 5905  CROCCP2 TCGA-C8-A1HM-01  0.0000000
## 5906     MUC4 TCGA-C8-A1HM-01  0.0000000
## 5907     CDH1 TCGA-C8-A1HM-01  0.0000000
## 5908   PIK3CA TCGA-C8-A1HM-01  0.0000000
## 5909    GATA3 TCGA-C8-A1HM-01  0.0000000
## 5910      TTN TCGA-C8-A1HM-01  1.0000000
## 5911    MUC16 TCGA-C8-A1HN-01  0.0000000
## 5912     MLL3 TCGA-C8-A1HN-01  0.0000000
## 5913   MAP3K1 TCGA-C8-A1HN-01  0.0000000
## 5914     TP53 TCGA-C8-A1HN-01  0.0000000
## 5915  CROCCP2 TCGA-C8-A1HN-01  0.0000000
## 5916     MUC4 TCGA-C8-A1HN-01  0.0000000
## 5917     CDH1 TCGA-C8-A1HN-01  0.0000000
## 5918   PIK3CA TCGA-C8-A1HN-01  0.0000000
## 5919    GATA3 TCGA-C8-A1HN-01  1.0000000
## 5920      TTN TCGA-C8-A1HN-01  0.0000000
## 5921    MUC16 TCGA-C8-A1HO-01  0.0000000
## 5922     MLL3 TCGA-C8-A1HO-01  0.0000000
## 5923   MAP3K1 TCGA-C8-A1HO-01  0.0000000
## 5924     TP53 TCGA-C8-A1HO-01  0.0000000
## 5925  CROCCP2 TCGA-C8-A1HO-01  0.0000000
## 5926     MUC4 TCGA-C8-A1HO-01  0.0000000
## 5927     CDH1 TCGA-C8-A1HO-01  1.0000000
## 5928   PIK3CA TCGA-C8-A1HO-01  0.0000000
## 5929    GATA3 TCGA-C8-A1HO-01  0.0000000
## 5930      TTN TCGA-C8-A1HO-01  0.0000000
## 5931    MUC16 TCGA-C8-A26V-01  0.0000000
## 5932     MLL3 TCGA-C8-A26V-01  0.0000000
## 5933   MAP3K1 TCGA-C8-A26V-01  0.0000000
## 5934     TP53 TCGA-C8-A26V-01  1.0000000
## 5935  CROCCP2 TCGA-C8-A26V-01  0.0000000
## 5936     MUC4 TCGA-C8-A26V-01  0.0000000
## 5937     CDH1 TCGA-C8-A26V-01  0.0000000
## 5938   PIK3CA TCGA-C8-A26V-01  0.0000000
## 5939    GATA3 TCGA-C8-A26V-01  1.0000000
## 5940      TTN TCGA-C8-A26V-01  1.0000000
## 5941    MUC16 TCGA-C8-A26W-01  0.0000000
```

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## 5942     MLL3 TCGA-C8-A26W-01  0.0000000
## 5943  MAP3K1 TCGA-C8-A26W-01  0.0000000
## 5944     TP53 TCGA-C8-A26W-01  1.0000000
## 5945 CROCCP2 TCGA-C8-A26W-01  0.0000000
## 5946     MUC4 TCGA-C8-A26W-01  0.0000000
## 5947     CDH1 TCGA-C8-A26W-01  0.0000000
## 5948   PIK3CA TCGA-C8-A26W-01  1.0000000
## 5949    GATA3 TCGA-C8-A26W-01  0.0000000
## 5950      TTN TCGA-C8-A26W-01  1.0000000
## 5951    MUC16 TCGA-C8-A26X-01  0.0000000
## 5952     MLL3 TCGA-C8-A26X-01  0.0000000
## 5953   MAP3K1 TCGA-C8-A26X-01  0.0000000
## 5954     TP53 TCGA-C8-A26X-01  1.0000000
## 5955 CROCCP2 TCGA-C8-A26X-01  0.0000000
## 5956     MUC4 TCGA-C8-A26X-01  1.0000000
## 5957     CDH1 TCGA-C8-A26X-01  0.0000000
## 5958   PIK3CA TCGA-C8-A26X-01  0.0000000
## 5959    GATA3 TCGA-C8-A26X-01  0.0000000
## 5960      TTN TCGA-C8-A26X-01  1.0000000
## 5961    MUC16 TCGA-C8-A26Z-01  0.0000000
## 5962     MLL3 TCGA-C8-A26Z-01  0.0000000
## 5963   MAP3K1 TCGA-C8-A26Z-01  0.0000000
## 5964     TP53 TCGA-C8-A26Z-01  0.0000000
## 5965 CROCCP2 TCGA-C8-A26Z-01  0.0000000
## 5966     MUC4 TCGA-C8-A26Z-01  0.0000000
## 5967     CDH1 TCGA-C8-A26Z-01  0.0000000
## 5968   PIK3CA TCGA-C8-A26Z-01  0.0000000
## 5969    GATA3 TCGA-C8-A26Z-01  0.0000000
## 5970      TTN TCGA-C8-A26Z-01  0.0000000
## 5971    MUC16 TCGA-C8-A273-01  0.0000000
## 5972     MLL3 TCGA-C8-A273-01  0.0000000
## 5973   MAP3K1 TCGA-C8-A273-01  0.0000000
## 5974     TP53 TCGA-C8-A273-01  0.0000000
## 5975 CROCCP2 TCGA-C8-A273-01  1.0000000
## 5976     MUC4 TCGA-C8-A273-01  0.0000000
## 5977     CDH1 TCGA-C8-A273-01  0.0000000
## 5978   PIK3CA TCGA-C8-A273-01  0.0000000
## 5979    GATA3 TCGA-C8-A273-01  1.0000000
## 5980      TTN TCGA-C8-A273-01  0.0000000
## 5981    MUC16 TCGA-C8-A274-01  0.0000000
## 5982     MLL3 TCGA-C8-A274-01  0.0000000
## 5983   MAP3K1 TCGA-C8-A274-01  0.0000000
## 5984     TP53 TCGA-C8-A274-01  0.0000000
## 5985 CROCCP2 TCGA-C8-A274-01  0.0000000
## 5986     MUC4 TCGA-C8-A274-01  0.0000000
## 5987     CDH1 TCGA-C8-A274-01  1.0000000
## 5988   PIK3CA TCGA-C8-A274-01  1.0000000
## 5989    GATA3 TCGA-C8-A274-01  0.0000000
## 5990      TTN TCGA-C8-A274-01  0.0000000
## 5991    MUC16 TCGA-C8-A275-01  0.0000000
## 5992     MLL3 TCGA-C8-A275-01  0.0000000
## 5993   MAP3K1 TCGA-C8-A275-01  0.0000000
## 5994     TP53 TCGA-C8-A275-01  1.0000000
## 5995 CROCCP2 TCGA-C8-A275-01  0.0000000
```

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## 5996    MUC4 TCGA-C8-A275-01  0.0000000
## 5997    CDH1 TCGA-C8-A275-01  0.0000000
## 5998   PIK3CA TCGA-C8-A275-01  0.0000000
## 5999   GATA3 TCGA-C8-A275-01  0.0000000
## 6000     TTN TCGA-C8-A275-01  0.0000000
## 6001   MUC16 TCGA-C8-A278-01  0.0000000
## 6002    MLL3 TCGA-C8-A278-01  0.0000000
## 6003   MAP3K1 TCGA-C8-A278-01  0.0000000
## 6004    TP53 TCGA-C8-A278-01  1.0000000
## 6005 CROCCP2 TCGA-C8-A278-01  0.0000000
## 6006    MUC4 TCGA-C8-A278-01  1.0000000
## 6007    CDH1 TCGA-C8-A278-01  0.0000000
## 6008   PIK3CA TCGA-C8-A278-01  1.0000000
## 6009   GATA3 TCGA-C8-A278-01  0.0000000
## 6010     TTN TCGA-C8-A278-01  0.0000000
## 6011   MUC16 TCGA-C8-A27A-01  0.0000000
## 6012    MLL3 TCGA-C8-A27A-01  0.0000000
## 6013   MAP3K1 TCGA-C8-A27A-01  0.0000000
## 6014    TP53 TCGA-C8-A27A-01  1.0000000
## 6015 CROCCP2 TCGA-C8-A27A-01  0.0000000
## 6016    MUC4 TCGA-C8-A27A-01  0.0000000
## 6017    CDH1 TCGA-C8-A27A-01  0.0000000
## 6018   PIK3CA TCGA-C8-A27A-01  0.0000000
## 6019   GATA3 TCGA-C8-A27A-01  0.0000000
## 6020     TTN TCGA-C8-A27A-01  0.0000000
## 6021   MUC16 TCGA-C8-A27B-01  1.0000000
## 6022    MLL3 TCGA-C8-A27B-01  0.0000000
## 6023   MAP3K1 TCGA-C8-A27B-01  0.0000000
## 6024    TP53 TCGA-C8-A27B-01  1.0000000
## 6025 CROCCP2 TCGA-C8-A27B-01  0.0000000
## 6026    MUC4 TCGA-C8-A27B-01  0.0000000
## 6027    CDH1 TCGA-C8-A27B-01  0.0000000
## 6028   PIK3CA TCGA-C8-A27B-01  0.0000000
## 6029   GATA3 TCGA-C8-A27B-01  0.0000000
## 6030     TTN TCGA-C8-A27B-01  0.0000000
## 6031   MUC16 TCGA-C8-A3M7-01  0.0000000
## 6032    MLL3 TCGA-C8-A3M7-01  1.0000000
## 6033   MAP3K1 TCGA-C8-A3M7-01  0.0000000
## 6034    TP53 TCGA-C8-A3M7-01  0.0000000
## 6035 CROCCP2 TCGA-C8-A3M7-01  0.0000000
## 6036    MUC4 TCGA-C8-A3M7-01  0.0000000
## 6037    CDH1 TCGA-C8-A3M7-01  1.0000000
## 6038   PIK3CA TCGA-C8-A3M7-01  1.0000000
## 6039   GATA3 TCGA-C8-A3M7-01  0.0000000
## 6040     TTN TCGA-C8-A3M7-01  0.0000000
## 6041   MUC16 TCGA-C8-A3M8-01  0.0000000
## 6042    MLL3 TCGA-C8-A3M8-01  1.0000000
## 6043   MAP3K1 TCGA-C8-A3M8-01  1.0000000
## 6044    TP53 TCGA-C8-A3M8-01  0.0000000
## 6045 CROCCP2 TCGA-C8-A3M8-01  0.0000000
## 6046    MUC4 TCGA-C8-A3M8-01  1.0000000
## 6047    CDH1 TCGA-C8-A3M8-01  0.0000000
## 6048   PIK3CA TCGA-C8-A3M8-01  1.0000000
## 6049   GATA3 TCGA-C8-A3M8-01  0.0000000
```

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## 6050     TTN TCGA-C8-A3M8-01  0.0000000
## 6051   MUC16 TCGA-D8-A13Y-01  0.0000000
## 6052    MLL3 TCGA-D8-A13Y-01  0.0000000
## 6053  MAP3K1 TCGA-D8-A13Y-01  0.0000000
## 6054    TP53 TCGA-D8-A13Y-01  0.0000000
## 6055 CROCCP2 TCGA-D8-A13Y-01  0.0000000
## 6056    MUC4 TCGA-D8-A13Y-01  0.0000000
## 6057    CDH1 TCGA-D8-A13Y-01  0.0000000
## 6058   PIK3CA TCGA-D8-A13Y-01  0.0000000
## 6059   GATA3 TCGA-D8-A13Y-01  0.0000000
## 6060     TTN TCGA-D8-A13Y-01  0.0000000
## 6061   MUC16 TCGA-D8-A13Z-01  0.0000000
## 6062    MLL3 TCGA-D8-A13Z-01  0.0000000
## 6063  MAP3K1 TCGA-D8-A13Z-01  0.0000000
## 6064    TP53 TCGA-D8-A13Z-01  1.0000000
## 6065 CROCCP2 TCGA-D8-A13Z-01  0.0000000
## 6066    MUC4 TCGA-D8-A13Z-01  0.0000000
## 6067    CDH1 TCGA-D8-A13Z-01  0.0000000
## 6068   PIK3CA TCGA-D8-A13Z-01  0.0000000
## 6069   GATA3 TCGA-D8-A13Z-01  0.0000000
## 6070     TTN TCGA-D8-A13Z-01  0.0000000
## 6071   MUC16 TCGA-D8-A140-01  0.0000000
## 6072    MLL3 TCGA-D8-A140-01  0.0000000
## 6073  MAP3K1 TCGA-D8-A140-01  0.0000000
## 6074    TP53 TCGA-D8-A140-01  0.0000000
## 6075 CROCCP2 TCGA-D8-A140-01  0.0000000
## 6076    MUC4 TCGA-D8-A140-01  0.0000000
## 6077    CDH1 TCGA-D8-A140-01  0.0000000
## 6078   PIK3CA TCGA-D8-A140-01  0.0000000
## 6079   GATA3 TCGA-D8-A140-01  1.0000000
## 6080     TTN TCGA-D8-A140-01  0.0000000
## 6081   MUC16 TCGA-D8-A141-01  0.0000000
## 6082    MLL3 TCGA-D8-A141-01  0.0000000
## 6083  MAP3K1 TCGA-D8-A141-01  0.0000000
## 6084    TP53 TCGA-D8-A141-01  0.0000000
## 6085 CROCCP2 TCGA-D8-A141-01  0.0000000
## 6086    MUC4 TCGA-D8-A141-01  0.0000000
## 6087    CDH1 TCGA-D8-A141-01  0.0000000
## 6088   PIK3CA TCGA-D8-A141-01  0.0000000
## 6089   GATA3 TCGA-D8-A141-01  0.0000000
## 6090     TTN TCGA-D8-A141-01  0.0000000
## 6091   MUC16 TCGA-D8-A142-01  0.0000000
## 6092    MLL3 TCGA-D8-A142-01  0.0000000
## 6093  MAP3K1 TCGA-D8-A142-01  0.0000000
## 6094    TP53 TCGA-D8-A142-01  1.0000000
## 6095 CROCCP2 TCGA-D8-A142-01  0.0000000
## 6096    MUC4 TCGA-D8-A142-01  0.0000000
## 6097    CDH1 TCGA-D8-A142-01  0.0000000
## 6098   PIK3CA TCGA-D8-A142-01  0.0000000
## 6099   GATA3 TCGA-D8-A142-01  0.0000000
## 6100     TTN TCGA-D8-A142-01  1.0000000
## 6101   MUC16 TCGA-D8-A143-01  0.0000000
## 6102    MLL3 TCGA-D8-A143-01  0.0000000
## 6103  MAP3K1 TCGA-D8-A143-01  0.0000000
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## 6104     TP53 TCGA-D8-A143-01  0.0000000
## 6105 CROCCP2 TCGA-D8-A143-01  0.0000000
## 6106    MUC4 TCGA-D8-A143-01  0.0000000
## 6107    CDH1 TCGA-D8-A143-01  0.0000000
## 6108  PIK3CA TCGA-D8-A143-01  1.0000000
## 6109   GATA3 TCGA-D8-A143-01  0.0000000
## 6110     TTN TCGA-D8-A143-01  0.0000000
## 6111   MUC16 TCGA-D8-A146-01  0.0000000
## 6112    MLL3 TCGA-D8-A146-01  0.0000000
## 6113   MAP3K1 TCGA-D8-A146-01  0.0000000
## 6114     TP53 TCGA-D8-A146-01  0.0000000
## 6115 CROCCP2 TCGA-D8-A146-01  0.0000000
## 6116    MUC4 TCGA-D8-A146-01  0.0000000
## 6117    CDH1 TCGA-D8-A146-01  0.0000000
## 6118  PIK3CA TCGA-D8-A146-01  1.0000000
## 6119   GATA3 TCGA-D8-A146-01  0.0000000
## 6120     TTN TCGA-D8-A146-01  0.0000000
## 6121   MUC16 TCGA-D8-A147-01  0.0000000
## 6122    MLL3 TCGA-D8-A147-01  0.0000000
## 6123   MAP3K1 TCGA-D8-A147-01  0.0000000
## 6124     TP53 TCGA-D8-A147-01  1.0000000
## 6125 CROCCP2 TCGA-D8-A147-01  0.0000000
## 6126    MUC4 TCGA-D8-A147-01  1.0000000
## 6127    CDH1 TCGA-D8-A147-01  0.0000000
## 6128  PIK3CA TCGA-D8-A147-01  0.0000000
## 6129   GATA3 TCGA-D8-A147-01  0.0000000
## 6130     TTN TCGA-D8-A147-01  1.0000000
## 6131   MUC16 TCGA-D8-A1J8-01  0.0000000
## 6132    MLL3 TCGA-D8-A1J8-01  0.0000000
## 6133   MAP3K1 TCGA-D8-A1J8-01  0.0000000
## 6134     TP53 TCGA-D8-A1J8-01  0.0000000
## 6135 CROCCP2 TCGA-D8-A1J8-01  1.0000000
## 6136    MUC4 TCGA-D8-A1J8-01  0.0000000
## 6137    CDH1 TCGA-D8-A1J8-01  0.0000000
## 6138  PIK3CA TCGA-D8-A1J8-01  1.0000000
## 6139   GATA3 TCGA-D8-A1J8-01  1.0000000
## 6140     TTN TCGA-D8-A1J8-01  1.0000000
## 6141   MUC16 TCGA-D8-A1J9-01  0.0000000
## 6142    MLL3 TCGA-D8-A1J9-01  0.0000000
## 6143   MAP3K1 TCGA-D8-A1J9-01  0.0000000
## 6144     TP53 TCGA-D8-A1J9-01  1.0000000
## 6145 CROCCP2 TCGA-D8-A1J9-01  0.0000000
## 6146    MUC4 TCGA-D8-A1J9-01  0.0000000
## 6147    CDH1 TCGA-D8-A1J9-01  0.0000000
## 6148  PIK3CA TCGA-D8-A1J9-01  0.0000000
## 6149   GATA3 TCGA-D8-A1J9-01  0.0000000
## 6150     TTN TCGA-D8-A1J9-01  1.0000000
## 6151   MUC16 TCGA-D8-A1JA-01  1.0000000
## 6152    MLL3 TCGA-D8-A1JA-01  0.0000000
## 6153   MAP3K1 TCGA-D8-A1JA-01  0.0000000
## 6154     TP53 TCGA-D8-A1JA-01  0.0000000
## 6155 CROCCP2 TCGA-D8-A1JA-01  0.0000000
## 6156    MUC4 TCGA-D8-A1JA-01  0.0000000
## 6157    CDH1 TCGA-D8-A1JA-01  0.0000000
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## 6158   PIK3CA TCGA-D8-A1JA-01  0.0000000
## 6159    GATA3 TCGA-D8-A1JA-01  0.0000000
## 6160      TTN TCGA-D8-A1JA-01  1.0000000
## 6161    MUC16 TCGA-D8-A1JB-01  0.0000000
## 6162     MLL3 TCGA-D8-A1JB-01  0.0000000
## 6163   MAP3K1 TCGA-D8-A1JB-01  0.0000000
## 6164     TP53 TCGA-D8-A1JB-01  0.0000000
## 6165  CROCCP2 TCGA-D8-A1JB-01  0.0000000
## 6166     MUC4 TCGA-D8-A1JB-01  1.0000000
## 6167     CDH1 TCGA-D8-A1JB-01  0.0000000
## 6168   PIK3CA TCGA-D8-A1JB-01  0.0000000
## 6169    GATA3 TCGA-D8-A1JB-01  0.0000000
## 6170      TTN TCGA-D8-A1JB-01  0.0000000
## 6171    MUC16 TCGA-D8-A1JC-01  0.0000000
## 6172     MLL3 TCGA-D8-A1JC-01  0.0000000
## 6173   MAP3K1 TCGA-D8-A1JC-01  0.0000000
## 6174     TP53 TCGA-D8-A1JC-01  0.0000000
## 6175  CROCCP2 TCGA-D8-A1JC-01  0.0000000
## 6176     MUC4 TCGA-D8-A1JC-01  0.0000000
## 6177     CDH1 TCGA-D8-A1JC-01  0.0000000
## 6178   PIK3CA TCGA-D8-A1JC-01  0.0000000
## 6179    GATA3 TCGA-D8-A1JC-01  0.0000000
## 6180      TTN TCGA-D8-A1JC-01  0.0000000
## 6181    MUC16 TCGA-D8-A1JD-01  0.0000000
## 6182     MLL3 TCGA-D8-A1JD-01  0.0000000
## 6183   MAP3K1 TCGA-D8-A1JD-01  0.0000000
## 6184     TP53 TCGA-D8-A1JD-01  0.0000000
## 6185  CROCCP2 TCGA-D8-A1JD-01  0.0000000
## 6186     MUC4 TCGA-D8-A1JD-01  0.0000000
## 6187     CDH1 TCGA-D8-A1JD-01  0.0000000
## 6188   PIK3CA TCGA-D8-A1JD-01  1.0000000
## 6189    GATA3 TCGA-D8-A1JD-01  0.0000000
## 6190      TTN TCGA-D8-A1JD-01  0.0000000
## 6191    MUC16 TCGA-D8-A1JE-01  0.0000000
## 6192     MLL3 TCGA-D8-A1JE-01  0.0000000
## 6193   MAP3K1 TCGA-D8-A1JE-01  0.0000000
## 6194     TP53 TCGA-D8-A1JE-01  0.0000000
## 6195  CROCCP2 TCGA-D8-A1JE-01  0.0000000
## 6196     MUC4 TCGA-D8-A1JE-01  0.0000000
## 6197     CDH1 TCGA-D8-A1JE-01  0.0000000
## 6198   PIK3CA TCGA-D8-A1JE-01  1.0000000
## 6199    GATA3 TCGA-D8-A1JE-01  0.0000000
## 6200      TTN TCGA-D8-A1JE-01  0.0000000
## 6201    MUC16 TCGA-D8-A1JF-01  0.0000000
## 6202     MLL3 TCGA-D8-A1JF-01  0.0000000
## 6203   MAP3K1 TCGA-D8-A1JF-01  0.0000000
## 6204     TP53 TCGA-D8-A1JF-01  1.0000000
## 6205  CROCCP2 TCGA-D8-A1JF-01  1.0000000
## 6206     MUC4 TCGA-D8-A1JF-01  0.0000000
## 6207     CDH1 TCGA-D8-A1JF-01  0.0000000
## 6208   PIK3CA TCGA-D8-A1JF-01  1.0000000
## 6209    GATA3 TCGA-D8-A1JF-01  0.0000000
## 6210      TTN TCGA-D8-A1JF-01  0.0000000
## 6211    MUC16 TCGA-D8-A1JG-01  0.0000000
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## 6212     MLL3 TCGA-D8-A1JG-01  0.0000000
## 6213  MAP3K1 TCGA-D8-A1JG-01  0.0000000
## 6214     TP53 TCGA-D8-A1JG-01  1.0000000
## 6215 CROCCP2 TCGA-D8-A1JG-01  0.0000000
## 6216     MUC4 TCGA-D8-A1JG-01  0.0000000
## 6217     CDH1 TCGA-D8-A1JG-01  0.0000000
## 6218  PIK3CA TCGA-D8-A1JG-01  1.0000000
## 6219   GATA3 TCGA-D8-A1JG-01  0.0000000
## 6220      TTN TCGA-D8-A1JG-01  1.0000000
## 6221   MUC16 TCGA-D8-A1JH-01  0.0000000
## 6222     MLL3 TCGA-D8-A1JH-01  0.0000000
## 6223  MAP3K1 TCGA-D8-A1JH-01  1.0000000
## 6224     TP53 TCGA-D8-A1JH-01  0.0000000
## 6225 CROCCP2 TCGA-D8-A1JH-01  0.0000000
## 6226     MUC4 TCGA-D8-A1JH-01  0.0000000
## 6227     CDH1 TCGA-D8-A1JH-01  0.0000000
## 6228  PIK3CA TCGA-D8-A1JH-01  1.0000000
## 6229   GATA3 TCGA-D8-A1JH-01  0.0000000
## 6230      TTN TCGA-D8-A1JH-01  0.0000000
## 6231   MUC16 TCGA-D8-A1JI-01  0.0000000
## 6232     MLL3 TCGA-D8-A1JI-01  0.0000000
## 6233  MAP3K1 TCGA-D8-A1JI-01  0.0000000
## 6234     TP53 TCGA-D8-A1JI-01  0.0000000
## 6235 CROCCP2 TCGA-D8-A1JI-01  0.0000000
## 6236     MUC4 TCGA-D8-A1JI-01  0.0000000
## 6237     CDH1 TCGA-D8-A1JI-01  0.0000000
## 6238  PIK3CA TCGA-D8-A1JI-01  0.0000000
## 6239   GATA3 TCGA-D8-A1JI-01  0.0000000
## 6240      TTN TCGA-D8-A1JI-01  0.0000000
## 6241   MUC16 TCGA-D8-A1JJ-01  0.0000000
## 6242     MLL3 TCGA-D8-A1JJ-01  0.0000000
## 6243  MAP3K1 TCGA-D8-A1JJ-01  0.0000000
## 6244     TP53 TCGA-D8-A1JJ-01  1.0000000
## 6245 CROCCP2 TCGA-D8-A1JJ-01  0.0000000
## 6246     MUC4 TCGA-D8-A1JJ-01  0.0000000
## 6247     CDH1 TCGA-D8-A1JJ-01  0.0000000
## 6248  PIK3CA TCGA-D8-A1JJ-01  1.0000000
## 6249   GATA3 TCGA-D8-A1JJ-01  1.0000000
## 6250      TTN TCGA-D8-A1JJ-01  0.0000000
## 6251   MUC16 TCGA-D8-A1JL-01  0.0000000
## 6252     MLL3 TCGA-D8-A1JL-01  0.0000000
## 6253  MAP3K1 TCGA-D8-A1JL-01  0.0000000
## 6254     TP53 TCGA-D8-A1JL-01  1.0000000
## 6255 CROCCP2 TCGA-D8-A1JL-01  0.0000000
## 6256     MUC4 TCGA-D8-A1JL-01  0.0000000
## 6257     CDH1 TCGA-D8-A1JL-01  0.0000000
## 6258  PIK3CA TCGA-D8-A1JL-01  0.0000000
## 6259   GATA3 TCGA-D8-A1JL-01  0.0000000
## 6260      TTN TCGA-D8-A1JL-01  0.0000000
## 6261   MUC16 TCGA-D8-A1JM-01  0.0000000
## 6262     MLL3 TCGA-D8-A1JM-01  0.0000000
## 6263  MAP3K1 TCGA-D8-A1JM-01  0.0000000
## 6264     TP53 TCGA-D8-A1JM-01  1.0000000
## 6265 CROCCP2 TCGA-D8-A1JM-01  0.0000000
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```
## 6266    MUC4 TCGA-D8-A1JM-01  0.0000000
## 6267    CDH1 TCGA-D8-A1JM-01  0.0000000
## 6268  PIK3CA TCGA-D8-A1JM-01  0.0000000
## 6269   GATA3 TCGA-D8-A1JM-01  0.0000000
## 6270     TTN TCGA-D8-A1JM-01  0.0000000
## 6271   MUC16 TCGA-D8-A1JP-01  0.0000000
## 6272    MLL3 TCGA-D8-A1JP-01  1.0000000
## 6273   MAP3K1 TCGA-D8-A1JP-01  0.0000000
## 6274    TP53 TCGA-D8-A1JP-01  0.0000000
## 6275 CROCCP2 TCGA-D8-A1JP-01  0.0000000
## 6276    MUC4 TCGA-D8-A1JP-01  0.0000000
## 6277    CDH1 TCGA-D8-A1JP-01  0.0000000
## 6278  PIK3CA TCGA-D8-A1JP-01  1.0000000
## 6279   GATA3 TCGA-D8-A1JP-01  0.0000000
## 6280     TTN TCGA-D8-A1JP-01  1.0000000
## 6281   MUC16 TCGA-D8-A1JS-01  0.0000000
## 6282    MLL3 TCGA-D8-A1JS-01  0.0000000
## 6283   MAP3K1 TCGA-D8-A1JS-01  0.0000000
## 6284    TP53 TCGA-D8-A1JS-01  0.0000000
## 6285 CROCCP2 TCGA-D8-A1JS-01  0.0000000
## 6286    MUC4 TCGA-D8-A1JS-01  0.0000000
## 6287    CDH1 TCGA-D8-A1JS-01  0.0000000
## 6288  PIK3CA TCGA-D8-A1JS-01  1.0000000
## 6289   GATA3 TCGA-D8-A1JS-01  0.0000000
## 6290     TTN TCGA-D8-A1JS-01  0.0000000
## 6291   MUC16 TCGA-D8-A1JT-01  1.0000000
## 6292    MLL3 TCGA-D8-A1JT-01  1.0000000
## 6293   MAP3K1 TCGA-D8-A1JT-01  0.0000000
## 6294    TP53 TCGA-D8-A1JT-01  0.0000000
## 6295 CROCCP2 TCGA-D8-A1JT-01  0.0000000
## 6296    MUC4 TCGA-D8-A1JT-01  0.0000000
## 6297    CDH1 TCGA-D8-A1JT-01  0.0000000
## 6298  PIK3CA TCGA-D8-A1JT-01  0.0000000
## 6299   GATA3 TCGA-D8-A1JT-01  1.0000000
## 6300     TTN TCGA-D8-A1JT-01  0.0000000
## 6301   MUC16 TCGA-D8-A1JU-01  0.0000000
## 6302    MLL3 TCGA-D8-A1JU-01  0.0000000
## 6303   MAP3K1 TCGA-D8-A1JU-01  1.0000000
## 6304    TP53 TCGA-D8-A1JU-01  0.0000000
## 6305 CROCCP2 TCGA-D8-A1JU-01  0.0000000
## 6306    MUC4 TCGA-D8-A1JU-01  0.0000000
## 6307    CDH1 TCGA-D8-A1JU-01  0.0000000
## 6308  PIK3CA TCGA-D8-A1JU-01  1.0000000
## 6309   GATA3 TCGA-D8-A1JU-01  0.0000000
## 6310     TTN TCGA-D8-A1JU-01  0.0000000
## 6311   MUC16 TCGA-D8-A1X7-01  0.0000000
## 6312    MLL3 TCGA-D8-A1X7-01  0.0000000
## 6313   MAP3K1 TCGA-D8-A1X7-01  0.0000000
## 6314    TP53 TCGA-D8-A1X7-01  0.0000000
## 6315 CROCCP2 TCGA-D8-A1X7-01  1.0000000
## 6316    MUC4 TCGA-D8-A1X7-01  0.0000000
## 6317    CDH1 TCGA-D8-A1X7-01  0.0000000
## 6318  PIK3CA TCGA-D8-A1X7-01  0.0000000
## 6319   GATA3 TCGA-D8-A1X7-01  0.0000000
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## 6320     TTN TCGA-D8-A1X7-01  0.0000000
## 6321   MUC16 TCGA-D8-A1X8-01  0.0000000
## 6322    MLL3 TCGA-D8-A1X8-01  0.0000000
## 6323   MAP3K1 TCGA-D8-A1X8-01  0.0000000
## 6324    TP53 TCGA-D8-A1X8-01  0.0000000
## 6325 CROCCP2 TCGA-D8-A1X8-01  0.0000000
## 6326    MUC4 TCGA-D8-A1X8-01  0.0000000
## 6327    CDH1 TCGA-D8-A1X8-01  0.0000000
## 6328   PIK3CA TCGA-D8-A1X8-01  0.0000000
## 6329   GATA3 TCGA-D8-A1X8-01  0.0000000
## 6330     TTN TCGA-D8-A1X8-01  0.0000000
## 6331   MUC16 TCGA-D8-A1X9-01  0.0000000
## 6332    MLL3 TCGA-D8-A1X9-01  0.0000000
## 6333   MAP3K1 TCGA-D8-A1X9-01  0.0000000
## 6334    TP53 TCGA-D8-A1X9-01  0.0000000
## 6335 CROCCP2 TCGA-D8-A1X9-01  0.0000000
## 6336    MUC4 TCGA-D8-A1X9-01  0.0000000
## 6337    CDH1 TCGA-D8-A1X9-01  0.0000000
## 6338   PIK3CA TCGA-D8-A1X9-01  0.0000000
## 6339   GATA3 TCGA-D8-A1X9-01  0.0000000
## 6340     TTN TCGA-D8-A1X9-01  0.0000000
## 6341   MUC16 TCGA-D8-A1XA-01  0.0000000
## 6342    MLL3 TCGA-D8-A1XA-01  0.0000000
## 6343   MAP3K1 TCGA-D8-A1XA-01  1.0000000
## 6344    TP53 TCGA-D8-A1XA-01  1.0000000
## 6345 CROCCP2 TCGA-D8-A1XA-01  0.0000000
## 6346    MUC4 TCGA-D8-A1XA-01  0.0000000
## 6347    CDH1 TCGA-D8-A1XA-01  0.0000000
## 6348   PIK3CA TCGA-D8-A1XA-01  0.0000000
## 6349   GATA3 TCGA-D8-A1XA-01  0.0000000
## 6350     TTN TCGA-D8-A1XA-01  0.0000000
## 6351   MUC16 TCGA-D8-A1XB-01  0.0000000
## 6352    MLL3 TCGA-D8-A1XB-01  0.0000000
## 6353   MAP3K1 TCGA-D8-A1XB-01  1.0000000
## 6354    TP53 TCGA-D8-A1XB-01  0.0000000
## 6355 CROCCP2 TCGA-D8-A1XB-01  0.0000000
## 6356    MUC4 TCGA-D8-A1XB-01  0.0000000
## 6357    CDH1 TCGA-D8-A1XB-01  0.0000000
## 6358   PIK3CA TCGA-D8-A1XB-01  0.0000000
## 6359   GATA3 TCGA-D8-A1XB-01  0.0000000
## 6360     TTN TCGA-D8-A1XB-01  0.0000000
## 6361   MUC16 TCGA-D8-A1XF-01  1.0000000
## 6362    MLL3 TCGA-D8-A1XF-01  0.0000000
## 6363   MAP3K1 TCGA-D8-A1XF-01  0.0000000
## 6364    TP53 TCGA-D8-A1XF-01  0.0000000
## 6365 CROCCP2 TCGA-D8-A1XF-01  0.0000000
## 6366    MUC4 TCGA-D8-A1XF-01  0.0000000
## 6367    CDH1 TCGA-D8-A1XF-01  0.0000000
## 6368   PIK3CA TCGA-D8-A1XF-01  0.0000000
## 6369   GATA3 TCGA-D8-A1XF-01  0.0000000
## 6370     TTN TCGA-D8-A1XF-01  0.0000000
## 6371   MUC16 TCGA-D8-A1XJ-01  0.0000000
## 6372    MLL3 TCGA-D8-A1XJ-01  0.0000000
## 6373   MAP3K1 TCGA-D8-A1XJ-01  0.0000000
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## 6374    TP53 TCGA-D8-A1XJ-01 1.0000000
## 6375 CROCCP2 TCGA-D8-A1XJ-01 0.0000000
## 6376    MUC4 TCGA-D8-A1XJ-01 1.0000000
## 6377    CDH1 TCGA-D8-A1XJ-01 0.0000000
## 6378  PIK3CA TCGA-D8-A1XJ-01 0.0000000
## 6379   GATA3 TCGA-D8-A1XJ-01 0.0000000
## 6380     TTN TCGA-D8-A1XJ-01 0.0000000
## 6381   MUC16 TCGA-D8-A1XK-01 1.0000000
## 6382    MLL3 TCGA-D8-A1XK-01 0.0000000
## 6383   MAP3K1 TCGA-D8-A1XK-01 0.0000000
## 6384    TP53 TCGA-D8-A1XK-01 0.0000000
## 6385 CROCCP2 TCGA-D8-A1XK-01 0.0000000
## 6386    MUC4 TCGA-D8-A1XK-01 0.0000000
## 6387    CDH1 TCGA-D8-A1XK-01 0.0000000
## 6388  PIK3CA TCGA-D8-A1XK-01 0.0000000
## 6389   GATA3 TCGA-D8-A1XK-01 0.0000000
## 6390     TTN TCGA-D8-A1XK-01 1.0000000
## 6391   MUC16 TCGA-D8-A1XL-01 0.0000000
## 6392    MLL3 TCGA-D8-A1XL-01 0.0000000
## 6393   MAP3K1 TCGA-D8-A1XL-01 0.0000000
## 6394    TP53 TCGA-D8-A1XL-01 1.0000000
## 6395 CROCCP2 TCGA-D8-A1XL-01 1.0000000
## 6396    MUC4 TCGA-D8-A1XL-01 0.0000000
## 6397    CDH1 TCGA-D8-A1XL-01 0.0000000
## 6398  PIK3CA TCGA-D8-A1XL-01 1.0000000
## 6399   GATA3 TCGA-D8-A1XL-01 0.0000000
## 6400     TTN TCGA-D8-A1XL-01 0.0000000
## 6401   MUC16 TCGA-D8-A1XM-01 0.0000000
## 6402    MLL3 TCGA-D8-A1XM-01 0.0000000
## 6403   MAP3K1 TCGA-D8-A1XM-01 0.0000000
## 6404    TP53 TCGA-D8-A1XM-01 0.0000000
## 6405 CROCCP2 TCGA-D8-A1XM-01 0.0000000
## 6406    MUC4 TCGA-D8-A1XM-01 0.0000000
## 6407    CDH1 TCGA-D8-A1XM-01 0.0000000
## 6408  PIK3CA TCGA-D8-A1XM-01 1.0000000
## 6409   GATA3 TCGA-D8-A1XM-01 0.0000000
## 6410     TTN TCGA-D8-A1XM-01 0.0000000
## 6411   MUC16 TCGA-D8-A1XO-01 0.0000000
## 6412    MLL3 TCGA-D8-A1XO-01 0.0000000
## 6413   MAP3K1 TCGA-D8-A1XO-01 0.0000000
## 6414    TP53 TCGA-D8-A1XO-01 0.0000000
## 6415 CROCCP2 TCGA-D8-A1XO-01 0.0000000
## 6416    MUC4 TCGA-D8-A1XO-01 0.0000000
## 6417    CDH1 TCGA-D8-A1XO-01 1.0000000
## 6418  PIK3CA TCGA-D8-A1XO-01 1.0000000
## 6419   GATA3 TCGA-D8-A1XO-01 0.0000000
## 6420     TTN TCGA-D8-A1XO-01 0.0000000
## 6421   MUC16 TCGA-D8-A1XQ-01 0.0000000
## 6422    MLL3 TCGA-D8-A1XQ-01 0.0000000
## 6423   MAP3K1 TCGA-D8-A1XQ-01 0.0000000
## 6424    TP53 TCGA-D8-A1XQ-01 1.0000000
## 6425 CROCCP2 TCGA-D8-A1XQ-01 0.0000000
## 6426    MUC4 TCGA-D8-A1XQ-01 0.0000000
## 6427    CDH1 TCGA-D8-A1XQ-01 0.0000000
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## 6428  PIK3CA TCGA-D8-A1XQ-01  0.0000000
## 6429   GATA3 TCGA-D8-A1XQ-01  0.0000000
## 6430     TTN TCGA-D8-A1XQ-01  0.0000000
## 6431   MUC16 TCGA-D8-A1XR-01  0.0000000
## 6432    MLL3 TCGA-D8-A1XR-01  0.0000000
## 6433   MAP3K1 TCGA-D8-A1XR-01  0.0000000
## 6434    TP53 TCGA-D8-A1XR-01  0.0000000
## 6435 CROCCP2 TCGA-D8-A1XR-01  1.0000000
## 6436    MUC4 TCGA-D8-A1XR-01  0.0000000
## 6437    CDH1 TCGA-D8-A1XR-01  0.0000000
## 6438  PIK3CA TCGA-D8-A1XR-01  0.0000000
## 6439   GATA3 TCGA-D8-A1XR-01  0.0000000
## 6440     TTN TCGA-D8-A1XR-01  0.0000000
## 6441   MUC16 TCGA-D8-A1XS-01  0.0000000
## 6442    MLL3 TCGA-D8-A1XS-01  0.0000000
## 6443   MAP3K1 TCGA-D8-A1XS-01  0.0000000
## 6444    TP53 TCGA-D8-A1XS-01  0.0000000
## 6445 CROCCP2 TCGA-D8-A1XS-01  0.0000000
## 6446    MUC4 TCGA-D8-A1XS-01  0.0000000
## 6447    CDH1 TCGA-D8-A1XS-01  0.0000000
## 6448  PIK3CA TCGA-D8-A1XS-01  1.0000000
## 6449   GATA3 TCGA-D8-A1XS-01  0.0000000
## 6450     TTN TCGA-D8-A1XS-01  0.0000000
## 6451   MUC16 TCGA-D8-A1XT-01  0.0000000
## 6452    MLL3 TCGA-D8-A1XT-01  0.0000000
## 6453   MAP3K1 TCGA-D8-A1XT-01  0.0000000
## 6454    TP53 TCGA-D8-A1XT-01  1.0000000
## 6455 CROCCP2 TCGA-D8-A1XT-01  0.0000000
## 6456    MUC4 TCGA-D8-A1XT-01  0.0000000
## 6457    CDH1 TCGA-D8-A1XT-01  0.0000000
## 6458  PIK3CA TCGA-D8-A1XT-01  0.0000000
## 6459   GATA3 TCGA-D8-A1XT-01  0.0000000
## 6460     TTN TCGA-D8-A1XT-01  0.0000000
## 6461   MUC16 TCGA-D8-A1XU-01  0.0000000
## 6462    MLL3 TCGA-D8-A1XU-01  0.0000000
## 6463   MAP3K1 TCGA-D8-A1XU-01  0.0000000
## 6464    TP53 TCGA-D8-A1XU-01  0.0000000
## 6465 CROCCP2 TCGA-D8-A1XU-01  0.0000000
## 6466    MUC4 TCGA-D8-A1XU-01  0.0000000
## 6467    CDH1 TCGA-D8-A1XU-01  0.0000000
## 6468  PIK3CA TCGA-D8-A1XU-01  0.0000000
## 6469   GATA3 TCGA-D8-A1XU-01  0.0000000
## 6470     TTN TCGA-D8-A1XU-01  0.0000000
## 6471   MUC16 TCGA-D8-A1XW-01  0.0000000
## 6472    MLL3 TCGA-D8-A1XW-01  0.0000000
## 6473   MAP3K1 TCGA-D8-A1XW-01  0.0000000
## 6474    TP53 TCGA-D8-A1XW-01  1.0000000
## 6475 CROCCP2 TCGA-D8-A1XW-01  0.0000000
## 6476    MUC4 TCGA-D8-A1XW-01  0.0000000
## 6477    CDH1 TCGA-D8-A1XW-01  0.0000000
## 6478  PIK3CA TCGA-D8-A1XW-01  0.0000000
## 6479   GATA3 TCGA-D8-A1XW-01  0.0000000
## 6480     TTN TCGA-D8-A1XW-01  0.0000000
## 6481   MUC16 TCGA-D8-A1XY-01  0.0000000
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## 6482    MLL3 TCGA-D8-A1XY-01  0.0000000
## 6483  MAP3K1 TCGA-D8-A1XY-01  0.0000000
## 6484    TP53 TCGA-D8-A1XY-01  0.0000000
## 6485 CROCCP2 TCGA-D8-A1XY-01  0.0000000
## 6486    MUC4 TCGA-D8-A1XY-01  0.0000000
## 6487    CDH1 TCGA-D8-A1XY-01  0.0000000
## 6488  PIK3CA TCGA-D8-A1XY-01  1.0000000
## 6489   GATA3 TCGA-D8-A1XY-01  0.0000000
## 6490     TTN TCGA-D8-A1XY-01  0.0000000
## 6491   MUC16 TCGA-D8-A1Y0-01  0.0000000
## 6492    MLL3 TCGA-D8-A1Y0-01  0.0000000
## 6493  MAP3K1 TCGA-D8-A1Y0-01  0.0000000
## 6494    TP53 TCGA-D8-A1Y0-01  0.0000000
## 6495 CROCCP2 TCGA-D8-A1Y0-01  1.0000000
## 6496    MUC4 TCGA-D8-A1Y0-01  0.0000000
## 6497    CDH1 TCGA-D8-A1Y0-01  0.0000000
## 6498  PIK3CA TCGA-D8-A1Y0-01  0.0000000
## 6499   GATA3 TCGA-D8-A1Y0-01  0.0000000
## 6500     TTN TCGA-D8-A1Y0-01  0.0000000
## 6501   MUC16 TCGA-D8-A1Y2-01  0.0000000
## 6502    MLL3 TCGA-D8-A1Y2-01  0.0000000
## 6503  MAP3K1 TCGA-D8-A1Y2-01  0.0000000
## 6504    TP53 TCGA-D8-A1Y2-01  0.0000000
## 6505 CROCCP2 TCGA-D8-A1Y2-01  0.0000000
## 6506    MUC4 TCGA-D8-A1Y2-01  0.0000000
## 6507    CDH1 TCGA-D8-A1Y2-01  0.0000000
## 6508  PIK3CA TCGA-D8-A1Y2-01  1.0000000
## 6509   GATA3 TCGA-D8-A1Y2-01  0.0000000
## 6510     TTN TCGA-D8-A1Y2-01  0.0000000
## 6511   MUC16 TCGA-D8-A1Y3-01  0.0000000
## 6512    MLL3 TCGA-D8-A1Y3-01  0.0000000
## 6513  MAP3K1 TCGA-D8-A1Y3-01  0.0000000
## 6514    TP53 TCGA-D8-A1Y3-01  1.0000000
## 6515 CROCCP2 TCGA-D8-A1Y3-01  0.0000000
## 6516    MUC4 TCGA-D8-A1Y3-01  0.0000000
## 6517    CDH1 TCGA-D8-A1Y3-01  0.0000000
## 6518  PIK3CA TCGA-D8-A1Y3-01  0.0000000
## 6519   GATA3 TCGA-D8-A1Y3-01  0.0000000
## 6520     TTN TCGA-D8-A1Y3-01  0.0000000
## 6521   MUC16 TCGA-D8-A27E-01  0.0000000
## 6522    MLL3 TCGA-D8-A27E-01  0.0000000
## 6523  MAP3K1 TCGA-D8-A27E-01  0.0000000
## 6524    TP53 TCGA-D8-A27E-01  0.0000000
## 6525 CROCCP2 TCGA-D8-A27E-01  0.0000000
## 6526    MUC4 TCGA-D8-A27E-01  0.0000000
## 6527    CDH1 TCGA-D8-A27E-01  0.0000000
## 6528  PIK3CA TCGA-D8-A27E-01  0.0000000
## 6529   GATA3 TCGA-D8-A27E-01  0.0000000
## 6530     TTN TCGA-D8-A27E-01  0.0000000
## 6531   MUC16 TCGA-D8-A27F-01  0.0000000
## 6532    MLL3 TCGA-D8-A27F-01  0.0000000
## 6533  MAP3K1 TCGA-D8-A27F-01  0.0000000
## 6534    TP53 TCGA-D8-A27F-01  1.0000000
## 6535 CROCCP2 TCGA-D8-A27F-01  0.0000000
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## 6536    MUC4 TCGA-D8-A27F-01  0.0000000
## 6537    CDH1 TCGA-D8-A27F-01  0.0000000
## 6538  PIK3CA TCGA-D8-A27F-01  0.0000000
## 6539   GATA3 TCGA-D8-A27F-01  0.0000000
## 6540     TTN TCGA-D8-A27F-01  0.0000000
## 6541   MUC16 TCGA-D8-A27G-01  1.0000000
## 6542    MLL3 TCGA-D8-A27G-01  0.0000000
## 6543  MAP3K1 TCGA-D8-A27G-01  0.0000000
## 6544    TP53 TCGA-D8-A27G-01  0.0000000
## 6545 CROCCP2 TCGA-D8-A27G-01  0.0000000
## 6546    MUC4 TCGA-D8-A27G-01  0.0000000
## 6547    CDH1 TCGA-D8-A27G-01  1.0000000
## 6548  PIK3CA TCGA-D8-A27G-01  1.0000000
## 6549   GATA3 TCGA-D8-A27G-01  0.0000000
## 6550     TTN TCGA-D8-A27G-01  1.0000000
## 6551   MUC16 TCGA-D8-A27H-01  0.0000000
## 6552    MLL3 TCGA-D8-A27H-01  0.0000000
## 6553  MAP3K1 TCGA-D8-A27H-01  0.0000000
## 6554    TP53 TCGA-D8-A27H-01  0.0000000
## 6555 CROCCP2 TCGA-D8-A27H-01  0.0000000
## 6556    MUC4 TCGA-D8-A27H-01  0.0000000
## 6557    CDH1 TCGA-D8-A27H-01  0.0000000
## 6558  PIK3CA TCGA-D8-A27H-01  0.0000000
## 6559   GATA3 TCGA-D8-A27H-01  0.0000000
## 6560     TTN TCGA-D8-A27H-01  1.0000000
## 6561   MUC16 TCGA-D8-A27I-01  0.0000000
## 6562    MLL3 TCGA-D8-A27I-01  0.0000000
## 6563  MAP3K1 TCGA-D8-A27I-01  0.0000000
## 6564    TP53 TCGA-D8-A27I-01  0.0000000
## 6565 CROCCP2 TCGA-D8-A27I-01  1.0000000
## 6566    MUC4 TCGA-D8-A27I-01  0.0000000
## 6567    CDH1 TCGA-D8-A27I-01  1.0000000
## 6568  PIK3CA TCGA-D8-A27I-01  0.0000000
## 6569   GATA3 TCGA-D8-A27I-01  0.0000000
## 6570     TTN TCGA-D8-A27I-01  0.0000000
## 6571   MUC16 TCGA-D8-A27K-01  0.0000000
## 6572    MLL3 TCGA-D8-A27K-01  0.0000000
## 6573  MAP3K1 TCGA-D8-A27K-01  0.0000000
## 6574    TP53 TCGA-D8-A27K-01  0.0000000
## 6575 CROCCP2 TCGA-D8-A27K-01  0.0000000
## 6576    MUC4 TCGA-D8-A27K-01  0.0000000
## 6577    CDH1 TCGA-D8-A27K-01  0.0000000
## 6578  PIK3CA TCGA-D8-A27K-01  1.0000000
## 6579   GATA3 TCGA-D8-A27K-01  1.0000000
## 6580     TTN TCGA-D8-A27K-01  0.0000000
## 6581   MUC16 TCGA-D8-A27L-01  0.0000000
## 6582    MLL3 TCGA-D8-A27L-01  0.0000000
## 6583  MAP3K1 TCGA-D8-A27L-01  1.0000000
## 6584    TP53 TCGA-D8-A27L-01  0.0000000
## 6585 CROCCP2 TCGA-D8-A27L-01  0.0000000
## 6586    MUC4 TCGA-D8-A27L-01  0.0000000
## 6587    CDH1 TCGA-D8-A27L-01  0.0000000
## 6588  PIK3CA TCGA-D8-A27L-01  1.0000000
## 6589   GATA3 TCGA-D8-A27L-01  0.0000000
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## 6590     TTN TCGA-D8-A27L-01  0.0000000
## 6591   MUC16 TCGA-D8-A27M-01  0.0000000
## 6592    MLL3 TCGA-D8-A27M-01  0.0000000
## 6593  MAP3K1 TCGA-D8-A27M-01  0.0000000
## 6594    TP53 TCGA-D8-A27M-01  1.0000000
## 6595 CROCCP2 TCGA-D8-A27M-01  0.0000000
## 6596    MUC4 TCGA-D8-A27M-01  0.0000000
## 6597    CDH1 TCGA-D8-A27M-01  0.0000000
## 6598   PIK3CA TCGA-D8-A27M-01  0.0000000
## 6599   GATA3 TCGA-D8-A27M-01  0.0000000
## 6600     TTN TCGA-D8-A27M-01  1.0000000
## 6601   MUC16 TCGA-D8-A27N-01  0.0000000
## 6602    MLL3 TCGA-D8-A27N-01  0.0000000
## 6603  MAP3K1 TCGA-D8-A27N-01  0.0000000
## 6604    TP53 TCGA-D8-A27N-01  1.0000000
## 6605 CROCCP2 TCGA-D8-A27N-01  0.0000000
## 6606    MUC4 TCGA-D8-A27N-01  0.0000000
## 6607    CDH1 TCGA-D8-A27N-01  0.0000000
## 6608   PIK3CA TCGA-D8-A27N-01  0.0000000
## 6609   GATA3 TCGA-D8-A27N-01  0.0000000
## 6610     TTN TCGA-D8-A27N-01  0.0000000
## 6611   MUC16 TCGA-D8-A27P-01  0.0000000
## 6612    MLL3 TCGA-D8-A27P-01  1.0000000
## 6613  MAP3K1 TCGA-D8-A27P-01  0.0000000
## 6614    TP53 TCGA-D8-A27P-01  0.0000000
## 6615 CROCCP2 TCGA-D8-A27P-01  0.0000000
## 6616    MUC4 TCGA-D8-A27P-01  0.0000000
## 6617    CDH1 TCGA-D8-A27P-01  0.0000000
## 6618   PIK3CA TCGA-D8-A27P-01  1.0000000
## 6619   GATA3 TCGA-D8-A27P-01  0.0000000
## 6620     TTN TCGA-D8-A27P-01  0.0000000
## 6621   MUC16 TCGA-D8-A27R-01  0.0000000
## 6622    MLL3 TCGA-D8-A27R-01  0.0000000
## 6623  MAP3K1 TCGA-D8-A27R-01  0.0000000
## 6624    TP53 TCGA-D8-A27R-01  0.0000000
## 6625 CROCCP2 TCGA-D8-A27R-01  1.0000000
## 6626    MUC4 TCGA-D8-A27R-01  0.0000000
## 6627    CDH1 TCGA-D8-A27R-01  0.0000000
## 6628   PIK3CA TCGA-D8-A27R-01  0.0000000
## 6629   GATA3 TCGA-D8-A27R-01  0.0000000
## 6630     TTN TCGA-D8-A27R-01  0.0000000
## 6631   MUC16 TCGA-D8-A27T-01  0.0000000
## 6632    MLL3 TCGA-D8-A27T-01  0.0000000
## 6633  MAP3K1 TCGA-D8-A27T-01  0.0000000
## 6634    TP53 TCGA-D8-A27T-01  0.0000000
## 6635 CROCCP2 TCGA-D8-A27T-01  0.0000000
## 6636    MUC4 TCGA-D8-A27T-01  0.0000000
## 6637    CDH1 TCGA-D8-A27T-01  0.0000000
## 6638   PIK3CA TCGA-D8-A27T-01  1.0000000
## 6639   GATA3 TCGA-D8-A27T-01  0.0000000
## 6640     TTN TCGA-D8-A27T-01  0.0000000
## 6641   MUC16 TCGA-D8-A27V-01  0.0000000
## 6642    MLL3 TCGA-D8-A27V-01  0.0000000
## 6643  MAP3K1 TCGA-D8-A27V-01  0.0000000
```

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## 6644     TP53 TCGA-D8-A27V-01  0.0000000
## 6645 CROCCP2 TCGA-D8-A27V-01  0.0000000
## 6646    MUC4 TCGA-D8-A27V-01  0.0000000
## 6647    CDH1 TCGA-D8-A27V-01  1.0000000
## 6648  PIK3CA TCGA-D8-A27V-01  0.0000000
## 6649   GATA3 TCGA-D8-A27V-01  0.0000000
## 6650     TTN TCGA-D8-A27V-01  1.0000000
## 6651   MUC16 TCGA-D8-A27W-01  0.0000000
## 6652    MLL3 TCGA-D8-A27W-01  0.0000000
## 6653   MAP3K1 TCGA-D8-A27W-01  0.0000000
## 6654     TP53 TCGA-D8-A27W-01  0.0000000
## 6655 CROCCP2 TCGA-D8-A27W-01  0.0000000
## 6656    MUC4 TCGA-D8-A27W-01  0.0000000
## 6657    CDH1 TCGA-D8-A27W-01  0.0000000
## 6658  PIK3CA TCGA-D8-A27W-01  0.0000000
## 6659   GATA3 TCGA-D8-A27W-01  0.0000000
## 6660     TTN TCGA-D8-A27W-01  0.0000000
## 6661   MUC16 TCGA-D8-A3Z5-01  0.0000000
## 6662    MLL3 TCGA-D8-A3Z5-01  0.0000000
## 6663   MAP3K1 TCGA-D8-A3Z5-01  0.0000000
## 6664     TP53 TCGA-D8-A3Z5-01  0.0000000
## 6665 CROCCP2 TCGA-D8-A3Z5-01  0.0000000
## 6666    MUC4 TCGA-D8-A3Z5-01  0.0000000
## 6667    CDH1 TCGA-D8-A3Z5-01  1.0000000
## 6668  PIK3CA TCGA-D8-A3Z5-01  0.0000000
## 6669   GATA3 TCGA-D8-A3Z5-01  0.0000000
## 6670     TTN TCGA-D8-A3Z5-01  0.0000000
## 6671   MUC16 TCGA-D8-A3Z6-01  0.0000000
## 6672    MLL3 TCGA-D8-A3Z6-01  0.0000000
## 6673   MAP3K1 TCGA-D8-A3Z6-01  1.0000000
## 6674     TP53 TCGA-D8-A3Z6-01  0.0000000
## 6675 CROCCP2 TCGA-D8-A3Z6-01  0.0000000
## 6676    MUC4 TCGA-D8-A3Z6-01  0.0000000
## 6677    CDH1 TCGA-D8-A3Z6-01  1.0000000
## 6678  PIK3CA TCGA-D8-A3Z6-01  1.0000000
## 6679   GATA3 TCGA-D8-A3Z6-01  0.0000000
## 6680     TTN TCGA-D8-A3Z6-01  0.0000000
## 6681   MUC16 TCGA-D8-A4Z1-01  0.0000000
## 6682    MLL3 TCGA-D8-A4Z1-01  0.0000000
## 6683   MAP3K1 TCGA-D8-A4Z1-01  0.0000000
## 6684     TP53 TCGA-D8-A4Z1-01  0.0000000
## 6685 CROCCP2 TCGA-D8-A4Z1-01  0.0000000
## 6686    MUC4 TCGA-D8-A4Z1-01  0.0000000
## 6687    CDH1 TCGA-D8-A4Z1-01  0.0000000
## 6688  PIK3CA TCGA-D8-A4Z1-01  0.0000000
## 6689   GATA3 TCGA-D8-A4Z1-01  0.0000000
## 6690     TTN TCGA-D8-A4Z1-01  0.0000000
## 6691   MUC16 TCGA-E2-A105-01  0.0000000
## 6692    MLL3 TCGA-E2-A105-01  0.0000000
## 6693   MAP3K1 TCGA-E2-A105-01  0.0000000
## 6694     TP53 TCGA-E2-A105-01  0.0000000
## 6695 CROCCP2 TCGA-E2-A105-01  0.0000000
## 6696    MUC4 TCGA-E2-A105-01  0.0000000
## 6697    CDH1 TCGA-E2-A105-01  0.0000000
```

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## 6698  PIK3CA TCGA-E2-A105-01  1.0000000
## 6699   GATA3 TCGA-E2-A105-01  0.0000000
## 6700     TTN TCGA-E2-A105-01  0.0000000
## 6701   MUC16 TCGA-E2-A107-01  0.0000000
## 6702    MLL3 TCGA-E2-A107-01  0.0000000
## 6703  MAP3K1 TCGA-E2-A107-01  0.0000000
## 6704    TP53 TCGA-E2-A107-01  0.0000000
## 6705 CROCCP2 TCGA-E2-A107-01  0.0000000
## 6706    MUC4 TCGA-E2-A107-01  0.0000000
## 6707    CDH1 TCGA-E2-A107-01  0.0000000
## 6708  PIK3CA TCGA-E2-A107-01  0.0000000
## 6709   GATA3 TCGA-E2-A107-01  0.0000000
## 6710     TTN TCGA-E2-A107-01  0.0000000
## 6711   MUC16 TCGA-E2-A108-01  0.0000000
## 6712    MLL3 TCGA-E2-A108-01  0.0000000
## 6713  MAP3K1 TCGA-E2-A108-01  0.0000000
## 6714    TP53 TCGA-E2-A108-01  1.0000000
## 6715 CROCCP2 TCGA-E2-A108-01  0.0000000
## 6716    MUC4 TCGA-E2-A108-01  0.0000000
## 6717    CDH1 TCGA-E2-A108-01  0.0000000
## 6718  PIK3CA TCGA-E2-A108-01  0.0000000
## 6719   GATA3 TCGA-E2-A108-01  0.0000000
## 6720     TTN TCGA-E2-A108-01  0.0000000
## 6721   MUC16 TCGA-E2-A109-01  0.0000000
## 6722    MLL3 TCGA-E2-A109-01  0.0000000
## 6723  MAP3K1 TCGA-E2-A109-01  0.0000000
## 6724    TP53 TCGA-E2-A109-01  0.0000000
## 6725 CROCCP2 TCGA-E2-A109-01  0.0000000
## 6726    MUC4 TCGA-E2-A109-01  0.0000000
## 6727    CDH1 TCGA-E2-A109-01  0.0000000
## 6728  PIK3CA TCGA-E2-A109-01  0.0000000
## 6729   GATA3 TCGA-E2-A109-01  0.0000000
## 6730     TTN TCGA-E2-A109-01  0.0000000
## 6731   MUC16 TCGA-E2-A10A-01  0.0000000
## 6732    MLL3 TCGA-E2-A10A-01  0.0000000
## 6733  MAP3K1 TCGA-E2-A10A-01  1.0000000
## 6734    TP53 TCGA-E2-A10A-01  0.0000000
## 6735 CROCCP2 TCGA-E2-A10A-01  0.0000000
## 6736    MUC4 TCGA-E2-A10A-01  0.0000000
## 6737    CDH1 TCGA-E2-A10A-01  0.0000000
## 6738  PIK3CA TCGA-E2-A10A-01  0.0000000
## 6739   GATA3 TCGA-E2-A10A-01  1.0000000
## 6740     TTN TCGA-E2-A10A-01  0.0000000
## 6741   MUC16 TCGA-E2-A10B-01  0.0000000
## 6742    MLL3 TCGA-E2-A10B-01  0.0000000
## 6743  MAP3K1 TCGA-E2-A10B-01  0.0000000
## 6744    TP53 TCGA-E2-A10B-01  0.0000000
## 6745 CROCCP2 TCGA-E2-A10B-01  0.0000000
## 6746    MUC4 TCGA-E2-A10B-01  0.0000000
## 6747    CDH1 TCGA-E2-A10B-01  0.0000000
## 6748  PIK3CA TCGA-E2-A10B-01  1.0000000
## 6749   GATA3 TCGA-E2-A10B-01  0.0000000
## 6750     TTN TCGA-E2-A10B-01  0.0000000
## 6751   MUC16 TCGA-E2-A10C-01  1.0000000
```

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## 6752    MLL3 TCGA-E2-A10C-01  0.0000000
## 6753  MAP3K1 TCGA-E2-A10C-01  0.0000000
## 6754    TP53 TCGA-E2-A10C-01  0.0000000
## 6755 CROCCP2 TCGA-E2-A10C-01  0.0000000
## 6756    MUC4 TCGA-E2-A10C-01  0.0000000
## 6757    CDH1 TCGA-E2-A10C-01  0.0000000
## 6758  PIK3CA TCGA-E2-A10C-01  1.0000000
## 6759   GATA3 TCGA-E2-A10C-01  0.0000000
## 6760     TTN TCGA-E2-A10C-01  1.0000000
## 6761   MUC16 TCGA-E2-A10E-01  0.0000000
## 6762    MLL3 TCGA-E2-A10E-01  0.0000000
## 6763  MAP3K1 TCGA-E2-A10E-01  0.0000000
## 6764    TP53 TCGA-E2-A10E-01  0.0000000
## 6765 CROCCP2 TCGA-E2-A10E-01  0.0000000
## 6766    MUC4 TCGA-E2-A10E-01  0.0000000
## 6767    CDH1 TCGA-E2-A10E-01  0.0000000
## 6768  PIK3CA TCGA-E2-A10E-01  0.0000000
## 6769   GATA3 TCGA-E2-A10E-01  0.0000000
## 6770     TTN TCGA-E2-A10E-01  1.0000000
## 6771   MUC16 TCGA-E2-A10F-01  0.0000000
## 6772    MLL3 TCGA-E2-A10F-01  0.0000000
## 6773  MAP3K1 TCGA-E2-A10F-01  0.0000000
## 6774    TP53 TCGA-E2-A10F-01  0.0000000
## 6775 CROCCP2 TCGA-E2-A10F-01  0.0000000
## 6776    MUC4 TCGA-E2-A10F-01  0.0000000
## 6777    CDH1 TCGA-E2-A10F-01  1.0000000
## 6778  PIK3CA TCGA-E2-A10F-01  1.0000000
## 6779   GATA3 TCGA-E2-A10F-01  0.0000000
## 6780     TTN TCGA-E2-A10F-01  0.0000000
## 6781   MUC16 TCGA-E2-A14N-01  0.0000000
## 6782    MLL3 TCGA-E2-A14N-01  0.0000000
## 6783  MAP3K1 TCGA-E2-A14N-01  0.0000000
## 6784    TP53 TCGA-E2-A14N-01  1.0000000
## 6785 CROCCP2 TCGA-E2-A14N-01  0.0000000
## 6786    MUC4 TCGA-E2-A14N-01  0.0000000
## 6787    CDH1 TCGA-E2-A14N-01  0.0000000
## 6788  PIK3CA TCGA-E2-A14N-01  0.0000000
## 6789   GATA3 TCGA-E2-A14N-01  0.0000000
## 6790     TTN TCGA-E2-A14N-01  0.0000000
## 6791   MUC16 TCGA-E2-A14O-01  0.0000000
## 6792    MLL3 TCGA-E2-A14O-01  0.0000000
## 6793  MAP3K1 TCGA-E2-A14O-01  0.0000000
## 6794    TP53 TCGA-E2-A14O-01  0.0000000
## 6795 CROCCP2 TCGA-E2-A14O-01  0.0000000
## 6796    MUC4 TCGA-E2-A14O-01  0.0000000
## 6797    CDH1 TCGA-E2-A14O-01  0.0000000
## 6798  PIK3CA TCGA-E2-A14O-01  0.0000000
## 6799   GATA3 TCGA-E2-A14O-01  0.0000000
## 6800     TTN TCGA-E2-A14O-01  0.0000000
## 6801   MUC16 TCGA-E2-A14P-01  0.0000000
## 6802    MLL3 TCGA-E2-A14P-01  0.0000000
## 6803  MAP3K1 TCGA-E2-A14P-01  0.0000000
## 6804    TP53 TCGA-E2-A14P-01  1.0000000
## 6805 CROCCP2 TCGA-E2-A14P-01  0.0000000
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## 6806     MUC4 TCGA-E2-A14P-01  0.0000000
## 6807     CDH1 TCGA-E2-A14P-01  0.0000000
## 6808   PIK3CA TCGA-E2-A14P-01  0.0000000
## 6809    GATA3 TCGA-E2-A14P-01  0.0000000
## 6810      TTN TCGA-E2-A14P-01  1.0000000
## 6811    MUC16 TCGA-E2-A14Q-01  0.0000000
## 6812     MLL3 TCGA-E2-A14Q-01  0.0000000
## 6813   MAP3K1 TCGA-E2-A14Q-01  0.0000000
## 6814     TP53 TCGA-E2-A14Q-01  0.0000000
## 6815  CROCCP2 TCGA-E2-A14Q-01  0.0000000
## 6816     MUC4 TCGA-E2-A14Q-01  0.0000000
## 6817     CDH1 TCGA-E2-A14Q-01  0.0000000
## 6818   PIK3CA TCGA-E2-A14Q-01  0.0000000
## 6819    GATA3 TCGA-E2-A14Q-01  0.0000000
## 6820      TTN TCGA-E2-A14Q-01  0.0000000
## 6821    MUC16 TCGA-E2-A14R-01  0.0000000
## 6822     MLL3 TCGA-E2-A14R-01  0.0000000
## 6823   MAP3K1 TCGA-E2-A14R-01  0.0000000
## 6824     TP53 TCGA-E2-A14R-01  1.0000000
## 6825  CROCCP2 TCGA-E2-A14R-01  0.0000000
## 6826     MUC4 TCGA-E2-A14R-01  1.0000000
## 6827     CDH1 TCGA-E2-A14R-01  0.0000000
## 6828   PIK3CA TCGA-E2-A14R-01  0.0000000
## 6829    GATA3 TCGA-E2-A14R-01  0.0000000
## 6830      TTN TCGA-E2-A14R-01  0.0000000
## 6831    MUC16 TCGA-E2-A14S-01  0.0000000
## 6832     MLL3 TCGA-E2-A14S-01  0.0000000
## 6833   MAP3K1 TCGA-E2-A14S-01  0.0000000
## 6834     TP53 TCGA-E2-A14S-01  0.0000000
## 6835  CROCCP2 TCGA-E2-A14S-01  0.0000000
## 6836     MUC4 TCGA-E2-A14S-01  0.0000000
## 6837     CDH1 TCGA-E2-A14S-01  0.0000000
## 6838   PIK3CA TCGA-E2-A14S-01  0.0000000
## 6839    GATA3 TCGA-E2-A14S-01  0.0000000
## 6840      TTN TCGA-E2-A14S-01  0.0000000
## 6841    MUC16 TCGA-E2-A14T-01  0.0000000
## 6842     MLL3 TCGA-E2-A14T-01  0.0000000
## 6843   MAP3K1 TCGA-E2-A14T-01  0.0000000
## 6844     TP53 TCGA-E2-A14T-01  0.0000000
## 6845  CROCCP2 TCGA-E2-A14T-01  0.0000000
## 6846     MUC4 TCGA-E2-A14T-01  0.0000000
## 6847     CDH1 TCGA-E2-A14T-01  0.0000000
## 6848   PIK3CA TCGA-E2-A14T-01  0.0000000
## 6849    GATA3 TCGA-E2-A14T-01  1.0000000
## 6850      TTN TCGA-E2-A14T-01  1.0000000
## 6851    MUC16 TCGA-E2-A14U-01  0.0000000
## 6852     MLL3 TCGA-E2-A14U-01  0.0000000
## 6853   MAP3K1 TCGA-E2-A14U-01  0.0000000
## 6854     TP53 TCGA-E2-A14U-01  0.0000000
## 6855  CROCCP2 TCGA-E2-A14U-01  0.0000000
## 6856     MUC4 TCGA-E2-A14U-01  0.0000000
## 6857     CDH1 TCGA-E2-A14U-01  0.0000000
## 6858   PIK3CA TCGA-E2-A14U-01  1.0000000
## 6859    GATA3 TCGA-E2-A14U-01  0.0000000
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## 6860       TTN TCGA-E2-A14U-01  0.0000000
## 6861     MUC16 TCGA-E2-A14V-01  0.0000000
## 6862      MLL3 TCGA-E2-A14V-01  0.0000000
## 6863    MAP3K1 TCGA-E2-A14V-01  0.0000000
## 6864      TP53 TCGA-E2-A14V-01  0.0000000
## 6865   CROCCP2 TCGA-E2-A14V-01  0.0000000
## 6866      MUC4 TCGA-E2-A14V-01  0.0000000
## 6867      CDH1 TCGA-E2-A14V-01  0.0000000
## 6868    PIK3CA TCGA-E2-A14V-01  1.0000000
## 6869     GATA3 TCGA-E2-A14V-01  0.0000000
## 6870       TTN TCGA-E2-A14V-01  0.0000000
## 6871     MUC16 TCGA-E2-A14W-01  0.0000000
## 6872      MLL3 TCGA-E2-A14W-01  0.0000000
## 6873    MAP3K1 TCGA-E2-A14W-01  0.0000000
## 6874      TP53 TCGA-E2-A14W-01  0.0000000
## 6875   CROCCP2 TCGA-E2-A14W-01  0.0000000
## 6876      MUC4 TCGA-E2-A14W-01  0.0000000
## 6877      CDH1 TCGA-E2-A14W-01  0.0000000
## 6878    PIK3CA TCGA-E2-A14W-01  0.0000000
## 6879     GATA3 TCGA-E2-A14W-01  0.0000000
## 6880       TTN TCGA-E2-A14W-01  1.0000000
## 6881     MUC16 TCGA-E2-A14X-01  0.0000000
## 6882      MLL3 TCGA-E2-A14X-01  0.0000000
## 6883    MAP3K1 TCGA-E2-A14X-01  0.0000000
## 6884      TP53 TCGA-E2-A14X-01  1.0000000
## 6885   CROCCP2 TCGA-E2-A14X-01  0.0000000
## 6886      MUC4 TCGA-E2-A14X-01  0.0000000
## 6887      CDH1 TCGA-E2-A14X-01  0.0000000
## 6888    PIK3CA TCGA-E2-A14X-01  0.0000000
## 6889     GATA3 TCGA-E2-A14X-01  0.0000000
## 6890       TTN TCGA-E2-A14X-01  0.0000000
## 6891     MUC16 TCGA-E2-A14Y-01  0.0000000
## 6892      MLL3 TCGA-E2-A14Y-01  0.0000000
## 6893    MAP3K1 TCGA-E2-A14Y-01  0.0000000
## 6894      TP53 TCGA-E2-A14Y-01  1.0000000
## 6895   CROCCP2 TCGA-E2-A14Y-01  1.0000000
## 6896      MUC4 TCGA-E2-A14Y-01  0.0000000
## 6897      CDH1 TCGA-E2-A14Y-01  0.0000000
## 6898    PIK3CA TCGA-E2-A14Y-01  1.0000000
## 6899     GATA3 TCGA-E2-A14Y-01  0.0000000
## 6900       TTN TCGA-E2-A14Y-01  0.0000000
## 6901     MUC16 TCGA-E2-A14Z-01  0.0000000
## 6902      MLL3 TCGA-E2-A14Z-01  0.0000000
## 6903    MAP3K1 TCGA-E2-A14Z-01  0.0000000
## 6904      TP53 TCGA-E2-A14Z-01  0.0000000
## 6905   CROCCP2 TCGA-E2-A14Z-01  0.0000000
## 6906      MUC4 TCGA-E2-A14Z-01  0.0000000
## 6907      CDH1 TCGA-E2-A14Z-01  0.0000000
## 6908    PIK3CA TCGA-E2-A14Z-01  0.0000000
## 6909     GATA3 TCGA-E2-A14Z-01  0.0000000
## 6910       TTN TCGA-E2-A14Z-01  0.0000000
## 6911     MUC16 TCGA-E2-A150-01  0.0000000
## 6912      MLL3 TCGA-E2-A150-01  0.0000000
## 6913    MAP3K1 TCGA-E2-A150-01  0.0000000
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## 6914     TP53 TCGA-E2-A150-01  1.0000000
## 6915 CROCCP2 TCGA-E2-A150-01  0.0000000
## 6916    MUC4 TCGA-E2-A150-01  0.0000000
## 6917    CDH1 TCGA-E2-A150-01  0.0000000
## 6918  PIK3CA TCGA-E2-A150-01  0.0000000
## 6919   GATA3 TCGA-E2-A150-01  0.0000000
## 6920     TTN TCGA-E2-A150-01  0.0000000
## 6921   MUC16 TCGA-E2-A152-01  0.0000000
## 6922    MLL3 TCGA-E2-A152-01  0.0000000
## 6923   MAP3K1 TCGA-E2-A152-01  0.0000000
## 6924     TP53 TCGA-E2-A152-01  1.0000000
## 6925 CROCCP2 TCGA-E2-A152-01  0.0000000
## 6926    MUC4 TCGA-E2-A152-01  0.0000000
## 6927    CDH1 TCGA-E2-A152-01  0.0000000
## 6928  PIK3CA TCGA-E2-A152-01  0.0000000
## 6929   GATA3 TCGA-E2-A152-01  0.0000000
## 6930     TTN TCGA-E2-A152-01  0.0000000
## 6931   MUC16 TCGA-E2-A153-01  0.0000000
## 6932    MLL3 TCGA-E2-A153-01  0.0000000
## 6933   MAP3K1 TCGA-E2-A153-01  0.0000000
## 6934     TP53 TCGA-E2-A153-01  0.0000000
## 6935 CROCCP2 TCGA-E2-A153-01  0.0000000
## 6936    MUC4 TCGA-E2-A153-01  0.0000000
## 6937    CDH1 TCGA-E2-A153-01  0.0000000
## 6938  PIK3CA TCGA-E2-A153-01  1.0000000
## 6939   GATA3 TCGA-E2-A153-01  0.0000000
## 6940     TTN TCGA-E2-A153-01  0.0000000
## 6941   MUC16 TCGA-E2-A154-01  0.0000000
## 6942    MLL3 TCGA-E2-A154-01  0.0000000
## 6943   MAP3K1 TCGA-E2-A154-01  0.0000000
## 6944     TP53 TCGA-E2-A154-01  0.0000000
## 6945 CROCCP2 TCGA-E2-A154-01  0.0000000
## 6946    MUC4 TCGA-E2-A154-01  0.0000000
## 6947    CDH1 TCGA-E2-A154-01  0.0000000
## 6948  PIK3CA TCGA-E2-A154-01  1.0000000
## 6949   GATA3 TCGA-E2-A154-01  0.0000000
## 6950     TTN TCGA-E2-A154-01  0.0000000
## 6951   MUC16 TCGA-E2-A155-01  0.0000000
## 6952    MLL3 TCGA-E2-A155-01  0.0000000
## 6953   MAP3K1 TCGA-E2-A155-01  0.0000000
## 6954     TP53 TCGA-E2-A155-01  1.0000000
## 6955 CROCCP2 TCGA-E2-A155-01  0.0000000
## 6956    MUC4 TCGA-E2-A155-01  0.0000000
## 6957    CDH1 TCGA-E2-A155-01  0.0000000
## 6958  PIK3CA TCGA-E2-A155-01  0.0000000
## 6959   GATA3 TCGA-E2-A155-01  0.0000000
## 6960     TTN TCGA-E2-A155-01  0.0000000
## 6961   MUC16 TCGA-E2-A156-01  0.0000000
## 6962    MLL3 TCGA-E2-A156-01  0.0000000
## 6963   MAP3K1 TCGA-E2-A156-01  1.0000000
## 6964     TP53 TCGA-E2-A156-01  0.0000000
## 6965 CROCCP2 TCGA-E2-A156-01  0.0000000
## 6966    MUC4 TCGA-E2-A156-01  0.0000000
## 6967    CDH1 TCGA-E2-A156-01  0.0000000
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## 6968  PIK3CA TCGA-E2-A156-01  1.0000000
## 6969   GATA3 TCGA-E2-A156-01  0.0000000
## 6970     TTN TCGA-E2-A156-01  1.0000000
## 6971   MUC16 TCGA-E2-A158-01  0.0000000
## 6972    MLL3 TCGA-E2-A158-01  0.0000000
## 6973  MAP3K1 TCGA-E2-A158-01  0.0000000
## 6974    TP53 TCGA-E2-A158-01  1.0000000
## 6975 CROCCP2 TCGA-E2-A158-01  0.0000000
## 6976    MUC4 TCGA-E2-A158-01  0.0000000
## 6977    CDH1 TCGA-E2-A158-01  0.0000000
## 6978  PIK3CA TCGA-E2-A158-01  0.0000000
## 6979   GATA3 TCGA-E2-A158-01  0.0000000
## 6980     TTN TCGA-E2-A158-01  1.0000000
## 6981   MUC16 TCGA-E2-A159-01  0.0000000
## 6982    MLL3 TCGA-E2-A159-01  0.0000000
## 6983  MAP3K1 TCGA-E2-A159-01  0.0000000
## 6984    TP53 TCGA-E2-A159-01  1.0000000
## 6985 CROCCP2 TCGA-E2-A159-01  0.0000000
## 6986    MUC4 TCGA-E2-A159-01  0.0000000
## 6987    CDH1 TCGA-E2-A159-01  0.0000000
## 6988  PIK3CA TCGA-E2-A159-01  0.0000000
## 6989   GATA3 TCGA-E2-A159-01  0.0000000
## 6990     TTN TCGA-E2-A159-01  0.0000000
## 6991   MUC16 TCGA-E2-A15A-01  0.0000000
## 6992    MLL3 TCGA-E2-A15A-01  0.0000000
## 6993  MAP3K1 TCGA-E2-A15A-01  0.0000000
## 6994    TP53 TCGA-E2-A15A-01  0.0000000
## 6995 CROCCP2 TCGA-E2-A15A-01  0.0000000
## 6996    MUC4 TCGA-E2-A15A-01  0.0000000
## 6997    CDH1 TCGA-E2-A15A-01  0.0000000
## 6998  PIK3CA TCGA-E2-A15A-01  0.0000000
## 6999   GATA3 TCGA-E2-A15A-01  0.0000000
## 7000     TTN TCGA-E2-A15A-01  0.0000000
## 7001   MUC16 TCGA-E2-A15C-01  0.0000000
## 7002    MLL3 TCGA-E2-A15C-01  0.0000000
## 7003  MAP3K1 TCGA-E2-A15C-01  1.0000000
## 7004    TP53 TCGA-E2-A15C-01  0.0000000
## 7005 CROCCP2 TCGA-E2-A15C-01  0.0000000
## 7006    MUC4 TCGA-E2-A15C-01  0.0000000
## 7007    CDH1 TCGA-E2-A15C-01  0.0000000
## 7008  PIK3CA TCGA-E2-A15C-01  1.0000000
## 7009   GATA3 TCGA-E2-A15C-01  0.0000000
## 7010     TTN TCGA-E2-A15C-01  0.0000000
## 7011   MUC16 TCGA-E2-A15D-01  0.0000000
## 7012    MLL3 TCGA-E2-A15D-01  0.0000000
## 7013  MAP3K1 TCGA-E2-A15D-01  0.0000000
## 7014    TP53 TCGA-E2-A15D-01  0.0000000
## 7015 CROCCP2 TCGA-E2-A15D-01  0.0000000
## 7016    MUC4 TCGA-E2-A15D-01  0.0000000
## 7017    CDH1 TCGA-E2-A15D-01  0.0000000
## 7018  PIK3CA TCGA-E2-A15D-01  0.0000000
## 7019   GATA3 TCGA-E2-A15D-01  1.0000000
## 7020     TTN TCGA-E2-A15D-01  0.0000000
## 7021   MUC16 TCGA-E2-A15E-01  0.0000000
```

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## 7022     MLL3 TCGA-E2-A15E-01  0.0000000
## 7023  MAP3K1 TCGA-E2-A15E-01  0.0000000
## 7024     TP53 TCGA-E2-A15E-01  1.0000000
## 7025 CROCCP2 TCGA-E2-A15E-01  0.0000000
## 7026     MUC4 TCGA-E2-A15E-01  0.0000000
## 7027     CDH1 TCGA-E2-A15E-01  0.0000000
## 7028  PIK3CA TCGA-E2-A15E-01  1.0000000
## 7029   GATA3 TCGA-E2-A15E-01  0.0000000
## 7030      TTN TCGA-E2-A15E-01  0.0000000
## 7031   MUC16 TCGA-E2-A15F-01  0.0000000
## 7032     MLL3 TCGA-E2-A15F-01  0.0000000
## 7033  MAP3K1 TCGA-E2-A15F-01  0.0000000
## 7034     TP53 TCGA-E2-A15F-01  0.0000000
## 7035 CROCCP2 TCGA-E2-A15F-01  0.0000000
## 7036     MUC4 TCGA-E2-A15F-01  0.0000000
## 7037     CDH1 TCGA-E2-A15F-01  0.0000000
## 7038  PIK3CA TCGA-E2-A15F-01  0.0000000
## 7039   GATA3 TCGA-E2-A15F-01  0.0000000
## 7040      TTN TCGA-E2-A15F-01  0.0000000
## 7041   MUC16 TCGA-E2-A15G-01  0.0000000
## 7042     MLL3 TCGA-E2-A15G-01  0.0000000
## 7043  MAP3K1 TCGA-E2-A15G-01  1.0000000
## 7044     TP53 TCGA-E2-A15G-01  0.0000000
## 7045 CROCCP2 TCGA-E2-A15G-01  0.0000000
## 7046     MUC4 TCGA-E2-A15G-01  0.0000000
## 7047     CDH1 TCGA-E2-A15G-01  0.0000000
## 7048  PIK3CA TCGA-E2-A15G-01  1.0000000
## 7049   GATA3 TCGA-E2-A15G-01  0.0000000
## 7050      TTN TCGA-E2-A15G-01  0.0000000
## 7051   MUC16 TCGA-E2-A15H-01  0.0000000
## 7052     MLL3 TCGA-E2-A15H-01  0.0000000
## 7053  MAP3K1 TCGA-E2-A15H-01  0.0000000
## 7054     TP53 TCGA-E2-A15H-01  0.0000000
## 7055 CROCCP2 TCGA-E2-A15H-01  0.0000000
## 7056     MUC4 TCGA-E2-A15H-01  0.0000000
## 7057     CDH1 TCGA-E2-A15H-01  0.0000000
## 7058  PIK3CA TCGA-E2-A15H-01  0.0000000
## 7059   GATA3 TCGA-E2-A15H-01  1.0000000
## 7060      TTN TCGA-E2-A15H-01  0.0000000
## 7061   MUC16 TCGA-E2-A15I-01  0.0000000
## 7062     MLL3 TCGA-E2-A15I-01  0.0000000
## 7063  MAP3K1 TCGA-E2-A15I-01  0.0000000
## 7064     TP53 TCGA-E2-A15I-01  0.0000000
## 7065 CROCCP2 TCGA-E2-A15I-01  0.0000000
## 7066     MUC4 TCGA-E2-A15I-01  0.0000000
## 7067     CDH1 TCGA-E2-A15I-01  0.0000000
## 7068  PIK3CA TCGA-E2-A15I-01  0.0000000
## 7069   GATA3 TCGA-E2-A15I-01  0.0000000
## 7070      TTN TCGA-E2-A15I-01  1.0000000
## 7071   MUC16 TCGA-E2-A15J-01  0.0000000
## 7072     MLL3 TCGA-E2-A15J-01  0.0000000
## 7073  MAP3K1 TCGA-E2-A15J-01  0.0000000
## 7074     TP53 TCGA-E2-A15J-01  0.0000000
## 7075 CROCCP2 TCGA-E2-A15J-01  0.0000000
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## 7076    MUC4 TCGA-E2-A15J-01  0.0000000
## 7077    CDH1 TCGA-E2-A15J-01  0.0000000
## 7078  PIK3CA TCGA-E2-A15J-01  0.0000000
## 7079   GATA3 TCGA-E2-A15J-01  1.0000000
## 7080     TTN TCGA-E2-A15J-01  0.0000000
## 7081   MUC16 TCGA-E2-A15K-01  0.0000000
## 7082    MLL3 TCGA-E2-A15K-01  0.0000000
## 7083  MAP3K1 TCGA-E2-A15K-01  0.0000000
## 7084    TP53 TCGA-E2-A15K-01  0.0000000
## 7085 CROCCP2 TCGA-E2-A15K-01  0.0000000
## 7086    MUC4 TCGA-E2-A15K-01  0.0000000
## 7087    CDH1 TCGA-E2-A15K-01  0.0000000
## 7088  PIK3CA TCGA-E2-A15K-01  1.0000000
## 7089   GATA3 TCGA-E2-A15K-01  0.0000000
## 7090     TTN TCGA-E2-A15K-01  0.0000000
## 7091   MUC16 TCGA-E2-A15L-01  0.0000000
## 7092    MLL3 TCGA-E2-A15L-01  0.0000000
## 7093  MAP3K1 TCGA-E2-A15L-01  0.0000000
## 7094    TP53 TCGA-E2-A15L-01  0.0000000
## 7095 CROCCP2 TCGA-E2-A15L-01  0.0000000
## 7096    MUC4 TCGA-E2-A15L-01  0.0000000
## 7097    CDH1 TCGA-E2-A15L-01  0.0000000
## 7098  PIK3CA TCGA-E2-A15L-01  1.0000000
## 7099   GATA3 TCGA-E2-A15L-01  0.0000000
## 7100     TTN TCGA-E2-A15L-01  0.0000000
## 7101   MUC16 TCGA-E2-A15M-01  1.0000000
## 7102    MLL3 TCGA-E2-A15M-01  0.0000000
## 7103  MAP3K1 TCGA-E2-A15M-01  0.0000000
## 7104    TP53 TCGA-E2-A15M-01  1.0000000
## 7105 CROCCP2 TCGA-E2-A15M-01  0.0000000
## 7106    MUC4 TCGA-E2-A15M-01  0.0000000
## 7107    CDH1 TCGA-E2-A15M-01  0.0000000
## 7108  PIK3CA TCGA-E2-A15M-01  0.0000000
## 7109   GATA3 TCGA-E2-A15M-01  0.0000000
## 7110     TTN TCGA-E2-A15M-01  0.0000000
## 7111   MUC16 TCGA-E2-A15P-01  0.0000000
## 7112    MLL3 TCGA-E2-A15P-01  0.0000000
## 7113  MAP3K1 TCGA-E2-A15P-01  0.0000000
## 7114    TP53 TCGA-E2-A15P-01  0.0000000
## 7115 CROCCP2 TCGA-E2-A15P-01  0.0000000
## 7116    MUC4 TCGA-E2-A15P-01  0.0000000
## 7117    CDH1 TCGA-E2-A15P-01  0.0000000
## 7118  PIK3CA TCGA-E2-A15P-01  1.0000000
## 7119   GATA3 TCGA-E2-A15P-01  0.0000000
## 7120     TTN TCGA-E2-A15P-01  0.0000000
## 7121   MUC16 TCGA-E2-A15R-01  0.0000000
## 7122    MLL3 TCGA-E2-A15R-01  0.0000000
## 7123  MAP3K1 TCGA-E2-A15R-01  0.0000000
## 7124    TP53 TCGA-E2-A15R-01  0.0000000
## 7125 CROCCP2 TCGA-E2-A15R-01  0.0000000
## 7126    MUC4 TCGA-E2-A15R-01  0.0000000
## 7127    CDH1 TCGA-E2-A15R-01  0.0000000
## 7128  PIK3CA TCGA-E2-A15R-01  0.0000000
## 7129   GATA3 TCGA-E2-A15R-01  0.0000000
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## 7130     TTN TCGA-E2-A15R-01  0.0000000
## 7131   MUC16 TCGA-E2-A15S-01  0.0000000
## 7132    MLL3 TCGA-E2-A15S-01  0.0000000
## 7133  MAP3K1 TCGA-E2-A15S-01  0.0000000
## 7134    TP53 TCGA-E2-A15S-01  0.0000000
## 7135 CROCCP2 TCGA-E2-A15S-01  0.0000000
## 7136    MUC4 TCGA-E2-A15S-01  0.0000000
## 7137    CDH1 TCGA-E2-A15S-01  0.0000000
## 7138   PIK3CA TCGA-E2-A15S-01  0.0000000
## 7139   GATA3 TCGA-E2-A15S-01  0.0000000
## 7140     TTN TCGA-E2-A15S-01  0.0000000
## 7141   MUC16 TCGA-E2-A15T-01  0.0000000
## 7142    MLL3 TCGA-E2-A15T-01  0.0000000
## 7143  MAP3K1 TCGA-E2-A15T-01  0.0000000
## 7144    TP53 TCGA-E2-A15T-01  0.0000000
## 7145 CROCCP2 TCGA-E2-A15T-01  0.0000000
## 7146    MUC4 TCGA-E2-A15T-01  0.0000000
## 7147    CDH1 TCGA-E2-A15T-01  0.0000000
## 7148  PIK3CA TCGA-E2-A15T-01  0.0000000
## 7149   GATA3 TCGA-E2-A15T-01  0.0000000
## 7150     TTN TCGA-E2-A15T-01  0.0000000
## 7151   MUC16 TCGA-E2-A1AZ-01  0.0000000
## 7152    MLL3 TCGA-E2-A1AZ-01  0.0000000
## 7153  MAP3K1 TCGA-E2-A1AZ-01  0.0000000
## 7154    TP53 TCGA-E2-A1AZ-01  0.0000000
## 7155 CROCCP2 TCGA-E2-A1AZ-01  0.0000000
## 7156    MUC4 TCGA-E2-A1AZ-01  0.0000000
## 7157    CDH1 TCGA-E2-A1AZ-01  0.0000000
## 7158  PIK3CA TCGA-E2-A1AZ-01  0.0000000
## 7159   GATA3 TCGA-E2-A1AZ-01  0.0000000
## 7160     TTN TCGA-E2-A1AZ-01  0.0000000
## 7161   MUC16 TCGA-E2-A1B0-01  0.0000000
## 7162    MLL3 TCGA-E2-A1B0-01  0.0000000
## 7163  MAP3K1 TCGA-E2-A1B0-01  0.0000000
## 7164    TP53 TCGA-E2-A1B0-01  1.0000000
## 7165 CROCCP2 TCGA-E2-A1B0-01  0.0000000
## 7166    MUC4 TCGA-E2-A1B0-01  0.0000000
## 7167    CDH1 TCGA-E2-A1B0-01  0.0000000
## 7168  PIK3CA TCGA-E2-A1B0-01  0.0000000
## 7169   GATA3 TCGA-E2-A1B0-01  0.0000000
## 7170     TTN TCGA-E2-A1B0-01  0.0000000
## 7171   MUC16 TCGA-E2-A1B1-01  0.0000000
## 7172    MLL3 TCGA-E2-A1B1-01  0.0000000
## 7173  MAP3K1 TCGA-E2-A1B1-01  0.0000000
## 7174    TP53 TCGA-E2-A1B1-01  0.0000000
## 7175 CROCCP2 TCGA-E2-A1B1-01  0.0000000
## 7176    MUC4 TCGA-E2-A1B1-01  0.0000000
## 7177    CDH1 TCGA-E2-A1B1-01  0.0000000
## 7178  PIK3CA TCGA-E2-A1B1-01  0.0000000
## 7179   GATA3 TCGA-E2-A1B1-01  0.0000000
## 7180     TTN TCGA-E2-A1B1-01  0.0000000
## 7181   MUC16 TCGA-E2-A1B4-01  0.0000000
## 7182    MLL3 TCGA-E2-A1B4-01  0.0000000
## 7183  MAP3K1 TCGA-E2-A1B4-01  1.0000000
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## 7184      TP53 TCGA-E2-A1B4-01  0.0000000
## 7185 CROCCP2 TCGA-E2-A1B4-01  0.0000000
## 7186     MUC4 TCGA-E2-A1B4-01  0.0000000
## 7187     CDH1 TCGA-E2-A1B4-01  0.0000000
## 7188   PIK3CA TCGA-E2-A1B4-01  1.0000000
## 7189    GATA3 TCGA-E2-A1B4-01  0.0000000
## 7190      TTN TCGA-E2-A1B4-01  0.0000000
## 7191    MUC16 TCGA-E2-A1B5-01  0.0000000
## 7192     MLL3 TCGA-E2-A1B5-01  0.0000000
## 7193    MAP3K1 TCGA-E2-A1B5-01  0.0000000
## 7194      TP53 TCGA-E2-A1B5-01  0.0000000
## 7195 CROCCP2 TCGA-E2-A1B5-01  0.0000000
## 7196     MUC4 TCGA-E2-A1B5-01  0.0000000
## 7197     CDH1 TCGA-E2-A1B5-01  0.0000000
## 7198   PIK3CA TCGA-E2-A1B5-01  0.0000000
## 7199    GATA3 TCGA-E2-A1B5-01  1.0000000
## 7200      TTN TCGA-E2-A1B5-01  0.0000000
## 7201    MUC16 TCGA-E2-A1B6-01  0.0000000
## 7202     MLL3 TCGA-E2-A1B6-01  0.0000000
## 7203    MAP3K1 TCGA-E2-A1B6-01  0.0000000
## 7204      TP53 TCGA-E2-A1B6-01  1.0000000
## 7205 CROCCP2 TCGA-E2-A1B6-01  0.0000000
## 7206     MUC4 TCGA-E2-A1B6-01  0.0000000
## 7207     CDH1 TCGA-E2-A1B6-01  0.0000000
## 7208   PIK3CA TCGA-E2-A1B6-01  0.0000000
## 7209    GATA3 TCGA-E2-A1B6-01  0.0000000
## 7210      TTN TCGA-E2-A1B6-01  0.0000000
## 7211    MUC16 TCGA-E2-A1BC-01  0.0000000
## 7212     MLL3 TCGA-E2-A1BC-01  0.0000000
## 7213    MAP3K1 TCGA-E2-A1BC-01  0.0000000
## 7214      TP53 TCGA-E2-A1BC-01  0.0000000
## 7215 CROCCP2 TCGA-E2-A1BC-01  0.0000000
## 7216     MUC4 TCGA-E2-A1BC-01  0.0000000
## 7217     CDH1 TCGA-E2-A1BC-01  0.0000000
## 7218   PIK3CA TCGA-E2-A1BC-01  1.0000000
## 7219    GATA3 TCGA-E2-A1BC-01  0.0000000
## 7220      TTN TCGA-E2-A1BC-01  0.0000000
## 7221    MUC16 TCGA-E2-A1BD-01  0.0000000
## 7222     MLL3 TCGA-E2-A1BD-01  0.0000000
## 7223    MAP3K1 TCGA-E2-A1BD-01  1.0000000
## 7224      TP53 TCGA-E2-A1BD-01  0.0000000
## 7225 CROCCP2 TCGA-E2-A1BD-01  0.0000000
## 7226     MUC4 TCGA-E2-A1BD-01  0.0000000
## 7227     CDH1 TCGA-E2-A1BD-01  0.0000000
## 7228   PIK3CA TCGA-E2-A1BD-01  1.0000000
## 7229    GATA3 TCGA-E2-A1BD-01  0.0000000
## 7230      TTN TCGA-E2-A1BD-01  0.0000000
## 7231    MUC16 TCGA-E2-A1IE-01  1.0000000
## 7232     MLL3 TCGA-E2-A1IE-01  0.0000000
## 7233    MAP3K1 TCGA-E2-A1IE-01  0.0000000
## 7234      TP53 TCGA-E2-A1IE-01  0.0000000
## 7235 CROCCP2 TCGA-E2-A1IE-01  0.0000000
## 7236     MUC4 TCGA-E2-A1IE-01  0.0000000
## 7237     CDH1 TCGA-E2-A1IE-01  0.0000000
```

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## 7238  PIK3CA TCGA-E2-A1IE-01  0.0000000
## 7239   GATA3 TCGA-E2-A1IE-01  0.0000000
## 7240     TTN TCGA-E2-A1IE-01  1.0000000
## 7241   MUC16 TCGA-E2-A1IF-01  0.0000000
## 7242    MLL3 TCGA-E2-A1IF-01  0.0000000
## 7243  MAP3K1 TCGA-E2-A1IF-01  0.0000000
## 7244    TP53 TCGA-E2-A1IF-01  0.0000000
## 7245 CROCCP2 TCGA-E2-A1IF-01  0.0000000
## 7246    MUC4 TCGA-E2-A1IF-01  0.0000000
## 7247    CDH1 TCGA-E2-A1IF-01  0.0000000
## 7248  PIK3CA TCGA-E2-A1IF-01  1.0000000
## 7249   GATA3 TCGA-E2-A1IF-01  0.0000000
## 7250     TTN TCGA-E2-A1IF-01  0.0000000
## 7251   MUC16 TCGA-E2-A1IG-01  0.0000000
## 7252    MLL3 TCGA-E2-A1IG-01  0.0000000
## 7253  MAP3K1 TCGA-E2-A1IG-01  0.0000000
## 7254    TP53 TCGA-E2-A1IG-01  0.0000000
## 7255 CROCCP2 TCGA-E2-A1IG-01  0.0000000
## 7256    MUC4 TCGA-E2-A1IG-01  0.0000000
## 7257    CDH1 TCGA-E2-A1IG-01  0.0000000
## 7258  PIK3CA TCGA-E2-A1IG-01  0.0000000
## 7259   GATA3 TCGA-E2-A1IG-01  0.0000000
## 7260     TTN TCGA-E2-A1IG-01  0.0000000
## 7261   MUC16 TCGA-E2-A1II-01  0.0000000
## 7262    MLL3 TCGA-E2-A1II-01  0.0000000
## 7263  MAP3K1 TCGA-E2-A1II-01  0.0000000
## 7264    TP53 TCGA-E2-A1II-01  1.0000000
## 7265 CROCCP2 TCGA-E2-A1II-01  0.0000000
## 7266    MUC4 TCGA-E2-A1II-01  0.0000000
## 7267    CDH1 TCGA-E2-A1II-01  0.0000000
## 7268  PIK3CA TCGA-E2-A1II-01  0.0000000
## 7269   GATA3 TCGA-E2-A1II-01  0.0000000
## 7270     TTN TCGA-E2-A1II-01  0.0000000
## 7271   MUC16 TCGA-E2-A1IJ-01  0.0000000
## 7272    MLL3 TCGA-E2-A1IJ-01  0.0000000
## 7273  MAP3K1 TCGA-E2-A1IJ-01  0.0000000
## 7274    TP53 TCGA-E2-A1IJ-01  0.0000000
## 7275 CROCCP2 TCGA-E2-A1IJ-01  0.0000000
## 7276    MUC4 TCGA-E2-A1IJ-01  0.0000000
## 7277    CDH1 TCGA-E2-A1IJ-01  1.0000000
## 7278  PIK3CA TCGA-E2-A1IJ-01  0.0000000
## 7279   GATA3 TCGA-E2-A1IJ-01  0.0000000
## 7280     TTN TCGA-E2-A1IJ-01  0.0000000
## 7281   MUC16 TCGA-E2-A1IK-01  0.0000000
## 7282    MLL3 TCGA-E2-A1IK-01  0.0000000
## 7283  MAP3K1 TCGA-E2-A1IK-01  0.0000000
## 7284    TP53 TCGA-E2-A1IK-01  0.0000000
## 7285 CROCCP2 TCGA-E2-A1IK-01  0.0000000
## 7286    MUC4 TCGA-E2-A1IK-01  0.0000000
## 7287    CDH1 TCGA-E2-A1IK-01  0.0000000
## 7288  PIK3CA TCGA-E2-A1IK-01  0.0000000
## 7289   GATA3 TCGA-E2-A1IK-01  0.0000000
## 7290     TTN TCGA-E2-A1IK-01  0.0000000
## 7291   MUC16 TCGA-E2-A1IL-01  0.0000000
```

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## 7292    MLL3 TCGA-E2-A1IL-01  0.0000000
## 7293  MAP3K1 TCGA-E2-A1IL-01  0.0000000
## 7294    TP53 TCGA-E2-A1IL-01  0.0000000
## 7295 CROCCP2 TCGA-E2-A1IL-01  0.0000000
## 7296    MUC4 TCGA-E2-A1IL-01  0.0000000
## 7297    CDH1 TCGA-E2-A1IL-01  0.0000000
## 7298   PIK3CA TCGA-E2-A1IL-01  1.0000000
## 7299   GATA3 TCGA-E2-A1IL-01  0.0000000
## 7300     TTN TCGA-E2-A1IL-01  0.0000000
## 7301   MUC16 TCGA-E2-A1IN-01  0.0000000
## 7302    MLL3 TCGA-E2-A1IN-01  0.0000000
## 7303  MAP3K1 TCGA-E2-A1IN-01  0.0000000
## 7304    TP53 TCGA-E2-A1IN-01  1.0000000
## 7305 CROCCP2 TCGA-E2-A1IN-01  0.0000000
## 7306    MUC4 TCGA-E2-A1IN-01  0.0000000
## 7307    CDH1 TCGA-E2-A1IN-01  0.0000000
## 7308   PIK3CA TCGA-E2-A1IN-01  1.0000000
## 7309   GATA3 TCGA-E2-A1IN-01  0.0000000
## 7310     TTN TCGA-E2-A1IN-01  0.0000000
## 7311   MUC16 TCGA-E2-A1IO-01  0.0000000
## 7312    MLL3 TCGA-E2-A1IO-01  0.0000000
## 7313  MAP3K1 TCGA-E2-A1IO-01  0.0000000
## 7314    TP53 TCGA-E2-A1IO-01  1.0000000
## 7315 CROCCP2 TCGA-E2-A1IO-01  0.0000000
## 7316    MUC4 TCGA-E2-A1IO-01  0.0000000
## 7317    CDH1 TCGA-E2-A1IO-01  0.0000000
## 7318   PIK3CA TCGA-E2-A1IO-01  1.0000000
## 7319   GATA3 TCGA-E2-A1IO-01  0.0000000
## 7320     TTN TCGA-E2-A1IO-01  0.0000000
## 7321   MUC16 TCGA-E2-A1IU-01  0.0000000
## 7322    MLL3 TCGA-E2-A1IU-01  0.0000000
## 7323  MAP3K1 TCGA-E2-A1IU-01  0.0000000
## 7324    TP53 TCGA-E2-A1IU-01  0.0000000
## 7325 CROCCP2 TCGA-E2-A1IU-01  0.0000000
## 7326    MUC4 TCGA-E2-A1IU-01  0.0000000
## 7327    CDH1 TCGA-E2-A1IU-01  0.0000000
## 7328   PIK3CA TCGA-E2-A1IU-01  0.0000000
## 7329   GATA3 TCGA-E2-A1IU-01  0.0000000
## 7330     TTN TCGA-E2-A1IU-01  0.0000000
## 7331   MUC16 TCGA-E2-A1L6-01  0.0000000
## 7332    MLL3 TCGA-E2-A1L6-01  0.0000000
## 7333  MAP3K1 TCGA-E2-A1L6-01  0.0000000
## 7334    TP53 TCGA-E2-A1L6-01  0.0000000
## 7335 CROCCP2 TCGA-E2-A1L6-01  0.0000000
## 7336    MUC4 TCGA-E2-A1L6-01  0.0000000
## 7337    CDH1 TCGA-E2-A1L6-01  0.0000000
## 7338   PIK3CA TCGA-E2-A1L6-01  1.0000000
## 7339   GATA3 TCGA-E2-A1L6-01  0.0000000
## 7340     TTN TCGA-E2-A1L6-01  0.0000000
## 7341   MUC16 TCGA-E2-A1L7-01  0.0000000
## 7342    MLL3 TCGA-E2-A1L7-01  0.0000000
## 7343  MAP3K1 TCGA-E2-A1L7-01  0.0000000
## 7344    TP53 TCGA-E2-A1L7-01  1.0000000
## 7345 CROCCP2 TCGA-E2-A1L7-01  1.0000000
```

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## 7346    MUC4 TCGA-E2-A1L7-01 0.0000000
## 7347    CDH1 TCGA-E2-A1L7-01 0.0000000
## 7348  PIK3CA TCGA-E2-A1L7-01 0.0000000
## 7349   GATA3 TCGA-E2-A1L7-01 0.0000000
## 7350     TTN TCGA-E2-A1L7-01 0.0000000
## 7351   MUC16 TCGA-E2-A1L8-01 0.0000000
## 7352    MLL3 TCGA-E2-A1L8-01 0.0000000
## 7353  MAP3K1 TCGA-E2-A1L8-01 0.0000000
## 7354    TP53 TCGA-E2-A1L8-01 0.0000000
## 7355 CROCCP2 TCGA-E2-A1L8-01 0.0000000
## 7356    MUC4 TCGA-E2-A1L8-01 0.0000000
## 7357    CDH1 TCGA-E2-A1L8-01 1.0000000
## 7358  PIK3CA TCGA-E2-A1L8-01 1.0000000
## 7359   GATA3 TCGA-E2-A1L8-01 0.0000000
## 7360     TTN TCGA-E2-A1L8-01 0.0000000
## 7361   MUC16 TCGA-E2-A1L9-01 0.0000000
## 7362    MLL3 TCGA-E2-A1L9-01 1.0000000
## 7363  MAP3K1 TCGA-E2-A1L9-01 0.0000000
## 7364    TP53 TCGA-E2-A1L9-01 0.0000000
## 7365 CROCCP2 TCGA-E2-A1L9-01 0.0000000
## 7366    MUC4 TCGA-E2-A1L9-01 0.0000000
## 7367    CDH1 TCGA-E2-A1L9-01 0.0000000
## 7368  PIK3CA TCGA-E2-A1L9-01 0.0000000
## 7369   GATA3 TCGA-E2-A1L9-01 1.0000000
## 7370     TTN TCGA-E2-A1L9-01 0.0000000
## 7371   MUC16 TCGA-E2-A1LA-01 0.0000000
## 7372    MLL3 TCGA-E2-A1LA-01 0.0000000
## 7373  MAP3K1 TCGA-E2-A1LA-01 0.0000000
## 7374    TP53 TCGA-E2-A1LA-01 0.0000000
## 7375 CROCCP2 TCGA-E2-A1LA-01 0.0000000
## 7376    MUC4 TCGA-E2-A1LA-01 0.0000000
## 7377    CDH1 TCGA-E2-A1LA-01 0.0000000
## 7378  PIK3CA TCGA-E2-A1LA-01 0.0000000
## 7379   GATA3 TCGA-E2-A1LA-01 0.0000000
## 7380     TTN TCGA-E2-A1LA-01 1.0000000
## 7381   MUC16 TCGA-E2-A1LB-01 0.0000000
## 7382    MLL3 TCGA-E2-A1LB-01 0.0000000
## 7383  MAP3K1 TCGA-E2-A1LB-01 0.0000000
## 7384    TP53 TCGA-E2-A1LB-01 0.0000000
## 7385 CROCCP2 TCGA-E2-A1LB-01 0.0000000
## 7386    MUC4 TCGA-E2-A1LB-01 0.0000000
## 7387    CDH1 TCGA-E2-A1LB-01 0.0000000
## 7388  PIK3CA TCGA-E2-A1LB-01 0.0000000
## 7389   GATA3 TCGA-E2-A1LB-01 0.0000000
## 7390     TTN TCGA-E2-A1LB-01 0.0000000
## 7391   MUC16 TCGA-E2-A1LE-01 0.0000000
## 7392    MLL3 TCGA-E2-A1LE-01 0.0000000
## 7393  MAP3K1 TCGA-E2-A1LE-01 0.0000000
## 7394    TP53 TCGA-E2-A1LE-01 1.0000000
## 7395 CROCCP2 TCGA-E2-A1LE-01 0.0000000
## 7396    MUC4 TCGA-E2-A1LE-01 0.0000000
## 7397    CDH1 TCGA-E2-A1LE-01 0.0000000
## 7398  PIK3CA TCGA-E2-A1LE-01 0.0000000
## 7399   GATA3 TCGA-E2-A1LE-01 0.0000000
```

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## 7400     TTN TCGA-E2-A1LE-01  0.0000000
## 7401   MUC16 TCGA-E2-A1LG-01  0.0000000
## 7402    MLL3 TCGA-E2-A1LG-01  1.0000000
## 7403  MAP3K1 TCGA-E2-A1LG-01  0.0000000
## 7404    TP53 TCGA-E2-A1LG-01  1.0000000
## 7405 CROCCP2 TCGA-E2-A1LG-01  0.0000000
## 7406    MUC4 TCGA-E2-A1LG-01  0.0000000
## 7407    CDH1 TCGA-E2-A1LG-01  0.0000000
## 7408   PIK3CA TCGA-E2-A1LG-01  0.0000000
## 7409    GATA3 TCGA-E2-A1LG-01  0.0000000
## 7410     TTN TCGA-E2-A1LG-01  0.0000000
## 7411   MUC16 TCGA-E2-A1LH-01  0.0000000
## 7412    MLL3 TCGA-E2-A1LH-01  0.0000000
## 7413  MAP3K1 TCGA-E2-A1LH-01  0.0000000
## 7414    TP53 TCGA-E2-A1LH-01  1.0000000
## 7415 CROCCP2 TCGA-E2-A1LH-01  0.0000000
## 7416    MUC4 TCGA-E2-A1LH-01  0.0000000
## 7417    CDH1 TCGA-E2-A1LH-01  0.0000000
## 7418  PIK3CA TCGA-E2-A1LH-01  0.0000000
## 7419   GATA3 TCGA-E2-A1LH-01  0.0000000
## 7420     TTN TCGA-E2-A1LH-01  0.0000000
## 7421   MUC16 TCGA-E2-A1LI-01  0.0000000
## 7422    MLL3 TCGA-E2-A1LI-01  0.0000000
## 7423  MAP3K1 TCGA-E2-A1LI-01  0.0000000
## 7424    TP53 TCGA-E2-A1LI-01  0.0000000
## 7425 CROCCP2 TCGA-E2-A1LI-01  1.0000000
## 7426    MUC4 TCGA-E2-A1LI-01  0.0000000
## 7427    CDH1 TCGA-E2-A1LI-01  0.0000000
## 7428  PIK3CA TCGA-E2-A1LI-01  0.0000000
## 7429   GATA3 TCGA-E2-A1LI-01  0.0000000
## 7430     TTN TCGA-E2-A1LI-01  0.0000000
## 7431   MUC16 TCGA-E2-A1LL-01  0.0000000
## 7432    MLL3 TCGA-E2-A1LL-01  0.0000000
## 7433  MAP3K1 TCGA-E2-A1LL-01  0.0000000
## 7434    TP53 TCGA-E2-A1LL-01  0.0000000
## 7435 CROCCP2 TCGA-E2-A1LL-01  0.0000000
## 7436    MUC4 TCGA-E2-A1LL-01  0.0000000
## 7437    CDH1 TCGA-E2-A1LL-01  0.0000000
## 7438  PIK3CA TCGA-E2-A1LL-01  0.0000000
## 7439   GATA3 TCGA-E2-A1LL-01  0.0000000
## 7440     TTN TCGA-E2-A1LL-01  0.0000000
## 7441   MUC16 TCGA-E2-A2P5-01  0.0000000
## 7442    MLL3 TCGA-E2-A2P5-01  1.0000000
## 7443  MAP3K1 TCGA-E2-A2P5-01  0.0000000
## 7444    TP53 TCGA-E2-A2P5-01  1.0000000
## 7445 CROCCP2 TCGA-E2-A2P5-01  0.0000000
## 7446    MUC4 TCGA-E2-A2P5-01  1.0000000
## 7447    CDH1 TCGA-E2-A2P5-01  1.0000000
## 7448  PIK3CA TCGA-E2-A2P5-01  1.0000000
## 7449   GATA3 TCGA-E2-A2P5-01  0.0000000
## 7450     TTN TCGA-E2-A2P5-01  0.0000000
## 7451   MUC16 TCGA-E2-A2P6-01  0.0000000
## 7452    MLL3 TCGA-E2-A2P6-01  0.0000000
## 7453  MAP3K1 TCGA-E2-A2P6-01  0.0000000
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## 7454    TP53 TCGA-E2-A2P6-01  0.0000000
## 7455 CROCCP2 TCGA-E2-A2P6-01  0.0000000
## 7456    MUC4 TCGA-E2-A2P6-01  0.0000000
## 7457    CDH1 TCGA-E2-A2P6-01  1.0000000
## 7458  PIK3CA TCGA-E2-A2P6-01  0.0000000
## 7459   GATA3 TCGA-E2-A2P6-01  0.0000000
## 7460     TTN TCGA-E2-A2P6-01  1.0000000
## 7461   MUC16 TCGA-E2-A3DX-01  0.0000000
## 7462    MLL3 TCGA-E2-A3DX-01  0.0000000
## 7463   MAP3K1 TCGA-E2-A3DX-01  0.0000000
## 7464    TP53 TCGA-E2-A3DX-01  0.0000000
## 7465 CROCCP2 TCGA-E2-A3DX-01  0.0000000
## 7466    MUC4 TCGA-E2-A3DX-01  0.0000000
## 7467    CDH1 TCGA-E2-A3DX-01  0.0000000
## 7468  PIK3CA TCGA-E2-A3DX-01  0.0000000
## 7469   GATA3 TCGA-E2-A3DX-01  0.0000000
## 7470     TTN TCGA-E2-A3DX-01  0.0000000
## 7471   MUC16 TCGA-E2-A56Z-01  0.0000000
## 7472    MLL3 TCGA-E2-A56Z-01  0.0000000
## 7473   MAP3K1 TCGA-E2-A56Z-01  0.0000000
## 7474    TP53 TCGA-E2-A56Z-01  0.0000000
## 7475 CROCCP2 TCGA-E2-A56Z-01  0.0000000
## 7476    MUC4 TCGA-E2-A56Z-01  0.0000000
## 7477    CDH1 TCGA-E2-A56Z-01  0.0000000
## 7478  PIK3CA TCGA-E2-A56Z-01  0.0000000
## 7479   GATA3 TCGA-E2-A56Z-01  0.0000000
## 7480     TTN TCGA-E2-A56Z-01  0.0000000
## 7481   MUC16 TCGA-E2-A570-01  0.0000000
## 7482    MLL3 TCGA-E2-A570-01  0.0000000
## 7483   MAP3K1 TCGA-E2-A570-01  0.0000000
## 7484    TP53 TCGA-E2-A570-01  0.0000000
## 7485 CROCCP2 TCGA-E2-A570-01  0.0000000
## 7486    MUC4 TCGA-E2-A570-01  0.0000000
## 7487    CDH1 TCGA-E2-A570-01  0.0000000
## 7488  PIK3CA TCGA-E2-A570-01  0.0000000
## 7489   GATA3 TCGA-E2-A570-01  1.0000000
## 7490     TTN TCGA-E2-A570-01  0.0000000
## 7491   MUC16 TCGA-E2-A573-01  0.0000000
## 7492    MLL3 TCGA-E2-A573-01  0.0000000
## 7493   MAP3K1 TCGA-E2-A573-01  0.0000000
## 7494    TP53 TCGA-E2-A573-01  1.0000000
## 7495 CROCCP2 TCGA-E2-A573-01  0.0000000
## 7496    MUC4 TCGA-E2-A573-01  0.0000000
## 7497    CDH1 TCGA-E2-A573-01  0.0000000
## 7498  PIK3CA TCGA-E2-A573-01  0.0000000
## 7499   GATA3 TCGA-E2-A573-01  0.0000000
## 7500     TTN TCGA-E2-A573-01  0.0000000
## 7501   MUC16 TCGA-E2-A574-01  0.0000000
## 7502    MLL3 TCGA-E2-A574-01  0.0000000
## 7503   MAP3K1 TCGA-E2-A574-01  0.0000000
## 7504    TP53 TCGA-E2-A574-01  0.0000000
## 7505 CROCCP2 TCGA-E2-A574-01  0.0000000
## 7506    MUC4 TCGA-E2-A574-01  0.0000000
## 7507    CDH1 TCGA-E2-A574-01  0.0000000
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## 7508   PIK3CA TCGA-E2-A574-01  0.0000000
## 7509    GATA3 TCGA-E2-A574-01  0.0000000
## 7510      TTN TCGA-E2-A574-01  1.0000000
## 7511    MUC16 TCGA-E9-A1N3-01  0.0000000
## 7512     MLL3 TCGA-E9-A1N3-01  0.0000000
## 7513   MAP3K1 TCGA-E9-A1N3-01  0.0000000
## 7514     TP53 TCGA-E9-A1N3-01  0.0000000
## 7515  CROCCP2 TCGA-E9-A1N3-01  0.0000000
## 7516     MUC4 TCGA-E9-A1N3-01  0.0000000
## 7517     CDH1 TCGA-E9-A1N3-01  0.0000000
## 7518   PIK3CA TCGA-E9-A1N3-01  0.0000000
## 7519    GATA3 TCGA-E9-A1N3-01  1.0000000
## 7520      TTN TCGA-E9-A1N3-01  0.0000000
## 7521    MUC16 TCGA-E9-A1N4-01  0.0000000
## 7522     MLL3 TCGA-E9-A1N4-01  0.0000000
## 7523   MAP3K1 TCGA-E9-A1N4-01  1.0000000
## 7524     TP53 TCGA-E9-A1N4-01  0.0000000
## 7525  CROCCP2 TCGA-E9-A1N4-01  0.0000000
## 7526     MUC4 TCGA-E9-A1N4-01  0.0000000
## 7527     CDH1 TCGA-E9-A1N4-01  0.0000000
## 7528   PIK3CA TCGA-E9-A1N4-01  0.0000000
## 7529    GATA3 TCGA-E9-A1N4-01  0.0000000
## 7530      TTN TCGA-E9-A1N4-01  0.0000000
## 7531    MUC16 TCGA-E9-A1N5-01  0.0000000
## 7532     MLL3 TCGA-E9-A1N5-01  0.0000000
## 7533   MAP3K1 TCGA-E9-A1N5-01  0.0000000
## 7534     TP53 TCGA-E9-A1N5-01  1.0000000
## 7535  CROCCP2 TCGA-E9-A1N5-01  0.0000000
## 7536     MUC4 TCGA-E9-A1N5-01  0.0000000
## 7537     CDH1 TCGA-E9-A1N5-01  0.0000000
## 7538   PIK3CA TCGA-E9-A1N5-01  1.0000000
## 7539    GATA3 TCGA-E9-A1N5-01  0.0000000
## 7540      TTN TCGA-E9-A1N5-01  0.0000000
## 7541    MUC16 TCGA-E9-A1N8-01  0.0000000
## 7542     MLL3 TCGA-E9-A1N8-01  1.0000000
## 7543   MAP3K1 TCGA-E9-A1N8-01  0.0000000
## 7544     TP53 TCGA-E9-A1N8-01  1.0000000
## 7545  CROCCP2 TCGA-E9-A1N8-01  1.0000000
## 7546     MUC4 TCGA-E9-A1N8-01  0.0000000
## 7547     CDH1 TCGA-E9-A1N8-01  0.0000000
## 7548   PIK3CA TCGA-E9-A1N8-01  0.0000000
## 7549    GATA3 TCGA-E9-A1N8-01  0.0000000
## 7550      TTN TCGA-E9-A1N8-01  0.0000000
## 7551    MUC16 TCGA-E9-A1N9-01  0.0000000
## 7552     MLL3 TCGA-E9-A1N9-01  0.0000000
## 7553   MAP3K1 TCGA-E9-A1N9-01  1.0000000
## 7554     TP53 TCGA-E9-A1N9-01  1.0000000
## 7555  CROCCP2 TCGA-E9-A1N9-01  0.0000000
## 7556     MUC4 TCGA-E9-A1N9-01  0.0000000
## 7557     CDH1 TCGA-E9-A1N9-01  0.0000000
## 7558   PIK3CA TCGA-E9-A1N9-01  0.0000000
## 7559    GATA3 TCGA-E9-A1N9-01  0.0000000
## 7560      TTN TCGA-E9-A1N9-01  0.0000000
## 7561    MUC16 TCGA-E9-A1NA-01  0.0000000
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## 7562    MLL3 TCGA-E9-A1NA-01  0.0000000
## 7563  MAP3K1 TCGA-E9-A1NA-01  0.0000000
## 7564    TP53 TCGA-E9-A1NA-01  0.0000000
## 7565 CROCCP2 TCGA-E9-A1NA-01  0.0000000
## 7566    MUC4 TCGA-E9-A1NA-01  0.0000000
## 7567    CDH1 TCGA-E9-A1NA-01  0.0000000
## 7568   PIK3CA TCGA-E9-A1NA-01  0.0000000
## 7569   GATA3 TCGA-E9-A1NA-01  1.0000000
## 7570     TTN TCGA-E9-A1NA-01  0.0000000
## 7571   MUC16 TCGA-E9-A1NC-01  0.0000000
## 7572    MLL3 TCGA-E9-A1NC-01  0.0000000
## 7573  MAP3K1 TCGA-E9-A1NC-01  0.0000000
## 7574    TP53 TCGA-E9-A1NC-01  0.0000000
## 7575 CROCCP2 TCGA-E9-A1NC-01  1.0000000
## 7576    MUC4 TCGA-E9-A1NC-01  0.0000000
## 7577    CDH1 TCGA-E9-A1NC-01  0.0000000
## 7578   PIK3CA TCGA-E9-A1NC-01  0.0000000
## 7579   GATA3 TCGA-E9-A1NC-01  0.0000000
## 7580     TTN TCGA-E9-A1NC-01  0.0000000
## 7581   MUC16 TCGA-E9-A1ND-01  0.0000000
## 7582    MLL3 TCGA-E9-A1ND-01  0.0000000
## 7583  MAP3K1 TCGA-E9-A1ND-01  0.0000000
## 7584    TP53 TCGA-E9-A1ND-01  1.0000000
## 7585 CROCCP2 TCGA-E9-A1ND-01  0.0000000
## 7586    MUC4 TCGA-E9-A1ND-01  0.0000000
## 7587    CDH1 TCGA-E9-A1ND-01  0.0000000
## 7588   PIK3CA TCGA-E9-A1ND-01  0.0000000
## 7589   GATA3 TCGA-E9-A1ND-01  0.0000000
## 7590     TTN TCGA-E9-A1ND-01  0.0000000
## 7591   MUC16 TCGA-E9-A1NE-01  0.0000000
## 7592    MLL3 TCGA-E9-A1NE-01  0.0000000
## 7593  MAP3K1 TCGA-E9-A1NE-01  0.0000000
## 7594    TP53 TCGA-E9-A1NE-01  0.0000000
## 7595 CROCCP2 TCGA-E9-A1NE-01  0.0000000
## 7596    MUC4 TCGA-E9-A1NE-01  0.0000000
## 7597    CDH1 TCGA-E9-A1NE-01  0.0000000
## 7598   PIK3CA TCGA-E9-A1NE-01  0.0000000
## 7599   GATA3 TCGA-E9-A1NE-01  0.0000000
## 7600     TTN TCGA-E9-A1NE-01  0.0000000
## 7601   MUC16 TCGA-E9-A1NF-01  0.0000000
## 7602    MLL3 TCGA-E9-A1NF-01  0.0000000
## 7603  MAP3K1 TCGA-E9-A1NF-01  0.0000000
## 7604    TP53 TCGA-E9-A1NF-01  1.0000000
## 7605 CROCCP2 TCGA-E9-A1NF-01  0.0000000
## 7606    MUC4 TCGA-E9-A1NF-01  0.0000000
## 7607    CDH1 TCGA-E9-A1NF-01  0.0000000
## 7608   PIK3CA TCGA-E9-A1NF-01  0.0000000
## 7609   GATA3 TCGA-E9-A1NF-01  0.0000000
## 7610     TTN TCGA-E9-A1NF-01  0.0000000
## 7611   MUC16 TCGA-E9-A1NG-01  0.0000000
## 7612    MLL3 TCGA-E9-A1NG-01  0.0000000
## 7613  MAP3K1 TCGA-E9-A1NG-01  0.0000000
## 7614    TP53 TCGA-E9-A1NG-01  0.0000000
## 7615 CROCCP2 TCGA-E9-A1NG-01  0.0000000
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## 7616    MUC4 TCGA-E9-A1NG-01  0.0000000
## 7617    CDH1 TCGA-E9-A1NG-01  0.0000000
## 7618  PIK3CA TCGA-E9-A1NG-01  1.0000000
## 7619   GATA3 TCGA-E9-A1NG-01  0.0000000
## 7620     TTN TCGA-E9-A1NG-01  0.0000000
## 7621   MUC16 TCGA-E9-A1NH-01  0.0000000
## 7622    MLL3 TCGA-E9-A1NH-01  0.0000000
## 7623   MAP3K1 TCGA-E9-A1NH-01  0.0000000
## 7624    TP53 TCGA-E9-A1NH-01  0.0000000
## 7625 CROCCP2 TCGA-E9-A1NH-01  0.0000000
## 7626    MUC4 TCGA-E9-A1NH-01  0.0000000
## 7627    CDH1 TCGA-E9-A1NH-01  0.0000000
## 7628  PIK3CA TCGA-E9-A1NH-01  1.0000000
## 7629   GATA3 TCGA-E9-A1NH-01  1.0000000
## 7630     TTN TCGA-E9-A1NH-01  0.0000000
## 7631   MUC16 TCGA-E9-A1NI-01  0.0000000
## 7632    MLL3 TCGA-E9-A1NI-01  0.0000000
## 7633   MAP3K1 TCGA-E9-A1NI-01  0.0000000
## 7634    TP53 TCGA-E9-A1NI-01  0.0000000
## 7635 CROCCP2 TCGA-E9-A1NI-01  0.0000000
## 7636    MUC4 TCGA-E9-A1NI-01  0.0000000
## 7637    CDH1 TCGA-E9-A1NI-01  0.0000000
## 7638  PIK3CA TCGA-E9-A1NI-01  1.0000000
## 7639   GATA3 TCGA-E9-A1NI-01  1.0000000
## 7640     TTN TCGA-E9-A1NI-01  0.0000000
## 7641   MUC16 TCGA-E9-A1QZ-01  0.0000000
## 7642    MLL3 TCGA-E9-A1QZ-01  0.0000000
## 7643   MAP3K1 TCGA-E9-A1QZ-01  0.0000000
## 7644    TP53 TCGA-E9-A1QZ-01  0.0000000
## 7645 CROCCP2 TCGA-E9-A1QZ-01  0.0000000
## 7646    MUC4 TCGA-E9-A1QZ-01  0.0000000
## 7647    CDH1 TCGA-E9-A1QZ-01  0.0000000
## 7648  PIK3CA TCGA-E9-A1QZ-01  0.0000000
## 7649   GATA3 TCGA-E9-A1QZ-01  0.0000000
## 7650     TTN TCGA-E9-A1QZ-01  0.0000000
## 7651   MUC16 TCGA-E9-A1R0-01  0.0000000
## 7652    MLL3 TCGA-E9-A1R0-01  0.0000000
## 7653   MAP3K1 TCGA-E9-A1R0-01  0.0000000
## 7654    TP53 TCGA-E9-A1R0-01  0.0000000
## 7655 CROCCP2 TCGA-E9-A1R0-01  0.0000000
## 7656    MUC4 TCGA-E9-A1R0-01  0.0000000
## 7657    CDH1 TCGA-E9-A1R0-01  0.0000000
## 7658  PIK3CA TCGA-E9-A1R0-01  1.0000000
## 7659   GATA3 TCGA-E9-A1R0-01  0.0000000
## 7660     TTN TCGA-E9-A1R0-01  1.0000000
## 7661   MUC16 TCGA-E9-A1R2-01  0.0000000
## 7662    MLL3 TCGA-E9-A1R2-01  0.0000000
## 7663   MAP3K1 TCGA-E9-A1R2-01  0.0000000
## 7664    TP53 TCGA-E9-A1R2-01  0.0000000
## 7665 CROCCP2 TCGA-E9-A1R2-01  0.0000000
## 7666    MUC4 TCGA-E9-A1R2-01  0.0000000
## 7667    CDH1 TCGA-E9-A1R2-01  0.0000000
## 7668  PIK3CA TCGA-E9-A1R2-01  0.0000000
## 7669   GATA3 TCGA-E9-A1R2-01  0.0000000
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## 7670     TTN TCGA-E9-A1R2-01  0.0000000
## 7671   MUC16 TCGA-E9-A1R3-01  1.0000000
## 7672    MLL3 TCGA-E9-A1R3-01  0.0000000
## 7673  MAP3K1 TCGA-E9-A1R3-01  0.0000000
## 7674    TP53 TCGA-E9-A1R3-01  0.0000000
## 7675 CROCCP2 TCGA-E9-A1R3-01  0.0000000
## 7676    MUC4 TCGA-E9-A1R3-01  0.0000000
## 7677    CDH1 TCGA-E9-A1R3-01  0.0000000
## 7678  PIK3CA TCGA-E9-A1R3-01  1.0000000
## 7679   GATA3 TCGA-E9-A1R3-01  0.0000000
## 7680     TTN TCGA-E9-A1R3-01  0.0000000
## 7681   MUC16 TCGA-E9-A1R4-01  0.0000000
## 7682    MLL3 TCGA-E9-A1R4-01  0.0000000
## 7683  MAP3K1 TCGA-E9-A1R4-01  0.0000000
## 7684    TP53 TCGA-E9-A1R4-01  0.0000000
## 7685 CROCCP2 TCGA-E9-A1R4-01  0.0000000
## 7686    MUC4 TCGA-E9-A1R4-01  0.0000000
## 7687    CDH1 TCGA-E9-A1R4-01  0.0000000
## 7688  PIK3CA TCGA-E9-A1R4-01  1.0000000
## 7689   GATA3 TCGA-E9-A1R4-01  0.0000000
## 7690     TTN TCGA-E9-A1R4-01  1.0000000
## 7691   MUC16 TCGA-E9-A1R5-01  0.0000000
## 7692    MLL3 TCGA-E9-A1R5-01  0.0000000
## 7693  MAP3K1 TCGA-E9-A1R5-01  0.0000000
## 7694    TP53 TCGA-E9-A1R5-01  0.0000000
## 7695 CROCCP2 TCGA-E9-A1R5-01  0.0000000
## 7696    MUC4 TCGA-E9-A1R5-01  0.0000000
## 7697    CDH1 TCGA-E9-A1R5-01  0.0000000
## 7698  PIK3CA TCGA-E9-A1R5-01  1.0000000
## 7699   GATA3 TCGA-E9-A1R5-01  0.0000000
## 7700     TTN TCGA-E9-A1R5-01  0.0000000
## 7701   MUC16 TCGA-E9-A1R6-01  0.0000000
## 7702    MLL3 TCGA-E9-A1R6-01  0.0000000
## 7703  MAP3K1 TCGA-E9-A1R6-01  1.0000000
## 7704    TP53 TCGA-E9-A1R6-01  0.0000000
## 7705 CROCCP2 TCGA-E9-A1R6-01  0.0000000
## 7706    MUC4 TCGA-E9-A1R6-01  0.0000000
## 7707    CDH1 TCGA-E9-A1R6-01  0.0000000
## 7708  PIK3CA TCGA-E9-A1R6-01  0.0000000
## 7709   GATA3 TCGA-E9-A1R6-01  0.0000000
## 7710     TTN TCGA-E9-A1R6-01  0.0000000
## 7711   MUC16 TCGA-E9-A1R7-01  0.0000000
## 7712    MLL3 TCGA-E9-A1R7-01  0.0000000
## 7713  MAP3K1 TCGA-E9-A1R7-01  0.0000000
## 7714    TP53 TCGA-E9-A1R7-01  0.0000000
## 7715 CROCCP2 TCGA-E9-A1R7-01  0.0000000
## 7716    MUC4 TCGA-E9-A1R7-01  0.0000000
## 7717    CDH1 TCGA-E9-A1R7-01  0.0000000
## 7718  PIK3CA TCGA-E9-A1R7-01  0.0000000
## 7719   GATA3 TCGA-E9-A1R7-01  1.0000000
## 7720     TTN TCGA-E9-A1R7-01  0.0000000
## 7721   MUC16 TCGA-E9-A1RA-01  0.0000000
## 7722    MLL3 TCGA-E9-A1RA-01  0.0000000
## 7723  MAP3K1 TCGA-E9-A1RA-01  0.0000000
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## 7724     TP53 TCGA-E9-A1RA-01  0.0000000
## 7725 CROCCP2 TCGA-E9-A1RA-01  0.0000000
## 7726    MUC4 TCGA-E9-A1RA-01  0.0000000
## 7727    CDH1 TCGA-E9-A1RA-01  0.0000000
## 7728  PIK3CA TCGA-E9-A1RA-01  1.0000000
## 7729   GATA3 TCGA-E9-A1RA-01  0.0000000
## 7730     TTN TCGA-E9-A1RA-01  0.0000000
## 7731   MUC16 TCGA-E9-A1RB-01  0.0000000
## 7732    MLL3 TCGA-E9-A1RB-01  0.0000000
## 7733   MAP3K1 TCGA-E9-A1RB-01  0.0000000
## 7734     TP53 TCGA-E9-A1RB-01  1.0000000
## 7735 CROCCP2 TCGA-E9-A1RB-01  0.0000000
## 7736    MUC4 TCGA-E9-A1RB-01  0.0000000
## 7737    CDH1 TCGA-E9-A1RB-01  0.0000000
## 7738  PIK3CA TCGA-E9-A1RB-01  0.0000000
## 7739   GATA3 TCGA-E9-A1RB-01  0.0000000
## 7740     TTN TCGA-E9-A1RB-01  0.0000000
## 7741   MUC16 TCGA-E9-A1RC-01  0.0000000
## 7742    MLL3 TCGA-E9-A1RC-01  0.0000000
## 7743   MAP3K1 TCGA-E9-A1RC-01  0.0000000
## 7744     TP53 TCGA-E9-A1RC-01  0.0000000
## 7745 CROCCP2 TCGA-E9-A1RC-01  0.0000000
## 7746    MUC4 TCGA-E9-A1RC-01  0.0000000
## 7747    CDH1 TCGA-E9-A1RC-01  0.0000000
## 7748  PIK3CA TCGA-E9-A1RC-01  1.0000000
## 7749   GATA3 TCGA-E9-A1RC-01  1.0000000
## 7750     TTN TCGA-E9-A1RC-01  1.0000000
## 7751   MUC16 TCGA-E9-A1RD-01  0.0000000
## 7752    MLL3 TCGA-E9-A1RD-01  0.0000000
## 7753   MAP3K1 TCGA-E9-A1RD-01  1.0000000
## 7754     TP53 TCGA-E9-A1RD-01  0.0000000
## 7755 CROCCP2 TCGA-E9-A1RD-01  0.0000000
## 7756    MUC4 TCGA-E9-A1RD-01  0.0000000
## 7757    CDH1 TCGA-E9-A1RD-01  0.0000000
## 7758  PIK3CA TCGA-E9-A1RD-01  1.0000000
## 7759   GATA3 TCGA-E9-A1RD-01  0.0000000
## 7760     TTN TCGA-E9-A1RD-01  0.0000000
## 7761   MUC16 TCGA-E9-A1RE-01  0.0000000
## 7762    MLL3 TCGA-E9-A1RE-01  0.0000000
## 7763   MAP3K1 TCGA-E9-A1RE-01  0.0000000
## 7764     TP53 TCGA-E9-A1RE-01  0.0000000
## 7765 CROCCP2 TCGA-E9-A1RE-01  1.0000000
## 7766    MUC4 TCGA-E9-A1RE-01  0.0000000
## 7767    CDH1 TCGA-E9-A1RE-01  0.0000000
## 7768  PIK3CA TCGA-E9-A1RE-01  1.0000000
## 7769   GATA3 TCGA-E9-A1RE-01  0.0000000
## 7770     TTN TCGA-E9-A1RE-01  0.0000000
## 7771   MUC16 TCGA-E9-A1RF-01  0.0000000
## 7772    MLL3 TCGA-E9-A1RF-01  0.0000000
## 7773   MAP3K1 TCGA-E9-A1RF-01  0.0000000
## 7774     TP53 TCGA-E9-A1RF-01  0.0000000
## 7775 CROCCP2 TCGA-E9-A1RF-01  0.0000000
## 7776    MUC4 TCGA-E9-A1RF-01  0.0000000
## 7777    CDH1 TCGA-E9-A1RF-01  0.0000000
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## 7778  PIK3CA TCGA-E9-A1RF-01  0.0000000
## 7779   GATA3 TCGA-E9-A1RF-01  1.0000000
## 7780     TTN TCGA-E9-A1RF-01  1.0000000
## 7781   MUC16 TCGA-E9-A1RG-01  0.0000000
## 7782    MLL3 TCGA-E9-A1RG-01  0.0000000
## 7783   MAP3K1 TCGA-E9-A1RG-01 0.0000000
## 7784    TP53 TCGA-E9-A1RG-01  0.0000000
## 7785 CROCCP2 TCGA-E9-A1RG-01  0.0000000
## 7786    MUC4 TCGA-E9-A1RG-01  0.0000000
## 7787    CDH1 TCGA-E9-A1RG-01  0.0000000
## 7788  PIK3CA TCGA-E9-A1RG-01  0.0000000
## 7789   GATA3 TCGA-E9-A1RG-01  0.0000000
## 7790     TTN TCGA-E9-A1RG-01  0.0000000
## 7791   MUC16 TCGA-E9-A1RH-01  0.0000000
## 7792    MLL3 TCGA-E9-A1RH-01  0.0000000
## 7793   MAP3K1 TCGA-E9-A1RH-01 0.0000000
## 7794    TP53 TCGA-E9-A1RH-01  1.0000000
## 7795 CROCCP2 TCGA-E9-A1RH-01  0.0000000
## 7796    MUC4 TCGA-E9-A1RH-01  0.0000000
## 7797    CDH1 TCGA-E9-A1RH-01  0.0000000
## 7798  PIK3CA TCGA-E9-A1RH-01  0.0000000
## 7799   GATA3 TCGA-E9-A1RH-01  0.0000000
## 7800     TTN TCGA-E9-A1RH-01  1.0000000
## 7801   MUC16 TCGA-E9-A1RI-01  0.0000000
## 7802    MLL3 TCGA-E9-A1RI-01  0.0000000
## 7803   MAP3K1 TCGA-E9-A1RI-01 0.0000000
## 7804    TP53 TCGA-E9-A1RI-01  0.0000000
## 7805 CROCCP2 TCGA-E9-A1RI-01  0.0000000
## 7806    MUC4 TCGA-E9-A1RI-01  0.0000000
## 7807    CDH1 TCGA-E9-A1RI-01  0.0000000
## 7808  PIK3CA TCGA-E9-A1RI-01  1.0000000
## 7809   GATA3 TCGA-E9-A1RI-01  0.0000000
## 7810     TTN TCGA-E9-A1RI-01  0.0000000
## 7811   MUC16 TCGA-E9-A226-01  0.0000000
## 7812    MLL3 TCGA-E9-A226-01  1.0000000
## 7813   MAP3K1 TCGA-E9-A226-01 0.0000000
## 7814    TP53 TCGA-E9-A226-01  0.0000000
## 7815 CROCCP2 TCGA-E9-A226-01  0.0000000
## 7816    MUC4 TCGA-E9-A226-01  0.0000000
## 7817    CDH1 TCGA-E9-A226-01  0.0000000
## 7818  PIK3CA TCGA-E9-A226-01  1.0000000
## 7819   GATA3 TCGA-E9-A226-01  0.0000000
## 7820     TTN TCGA-E9-A226-01  0.0000000
## 7821   MUC16 TCGA-E9-A227-01  0.0000000
## 7822    MLL3 TCGA-E9-A227-01  0.0000000
## 7823   MAP3K1 TCGA-E9-A227-01 0.0000000
## 7824    TP53 TCGA-E9-A227-01  0.0000000
## 7825 CROCCP2 TCGA-E9-A227-01  0.0000000
## 7826    MUC4 TCGA-E9-A227-01  0.0000000
## 7827    CDH1 TCGA-E9-A227-01  0.0000000
## 7828  PIK3CA TCGA-E9-A227-01  1.0000000
## 7829   GATA3 TCGA-E9-A227-01  0.0000000
## 7830     TTN TCGA-E9-A227-01  0.0000000
## 7831   MUC16 TCGA-E9-A228-01  1.0000000
```

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## 7832    MLL3 TCGA-E9-A228-01  0.0000000
## 7833  MAP3K1 TCGA-E9-A228-01  0.0000000
## 7834    TP53 TCGA-E9-A228-01  0.0000000
## 7835 CROCCP2 TCGA-E9-A228-01  0.0000000
## 7836    MUC4 TCGA-E9-A228-01  0.0000000
## 7837    CDH1 TCGA-E9-A228-01  0.0000000
## 7838   PIK3CA TCGA-E9-A228-01  0.0000000
## 7839   GATA3 TCGA-E9-A228-01  0.0000000
## 7840     TTN TCGA-E9-A228-01  0.0000000
## 7841   MUC16 TCGA-E9-A229-01  0.0000000
## 7842    MLL3 TCGA-E9-A229-01  0.0000000
## 7843  MAP3K1 TCGA-E9-A229-01  0.0000000
## 7844    TP53 TCGA-E9-A229-01  0.0000000
## 7845 CROCCP2 TCGA-E9-A229-01  0.0000000
## 7846    MUC4 TCGA-E9-A229-01  0.0000000
## 7847    CDH1 TCGA-E9-A229-01  0.0000000
## 7848   PIK3CA TCGA-E9-A229-01  1.0000000
## 7849   GATA3 TCGA-E9-A229-01  0.0000000
## 7850     TTN TCGA-E9-A229-01  0.0000000
## 7851   MUC16 TCGA-E9-A22A-01  0.0000000
## 7852    MLL3 TCGA-E9-A22A-01  0.0000000
## 7853  MAP3K1 TCGA-E9-A22A-01  0.0000000
## 7854    TP53 TCGA-E9-A22A-01  0.0000000
## 7855 CROCCP2 TCGA-E9-A22A-01  0.0000000
## 7856    MUC4 TCGA-E9-A22A-01  0.0000000
## 7857    CDH1 TCGA-E9-A22A-01  0.0000000
## 7858   PIK3CA TCGA-E9-A22A-01  0.0000000
## 7859   GATA3 TCGA-E9-A22A-01  0.0000000
## 7860     TTN TCGA-E9-A22A-01  0.0000000
## 7861   MUC16 TCGA-E9-A22B-01  0.0000000
## 7862    MLL3 TCGA-E9-A22B-01  0.0000000
## 7863  MAP3K1 TCGA-E9-A22B-01  0.0000000
## 7864    TP53 TCGA-E9-A22B-01  0.0000000
## 7865 CROCCP2 TCGA-E9-A22B-01  0.0000000
## 7866    MUC4 TCGA-E9-A22B-01  0.0000000
## 7867    CDH1 TCGA-E9-A22B-01  0.0000000
## 7868   PIK3CA TCGA-E9-A22B-01  0.0000000
## 7869   GATA3 TCGA-E9-A22B-01  0.0000000
## 7870     TTN TCGA-E9-A22B-01  0.0000000
## 7871   MUC16 TCGA-E9-A22D-01  0.0000000
## 7872    MLL3 TCGA-E9-A22D-01  0.0000000
## 7873  MAP3K1 TCGA-E9-A22D-01  0.0000000
## 7874    TP53 TCGA-E9-A22D-01  0.0000000
## 7875 CROCCP2 TCGA-E9-A22D-01  0.0000000
## 7876    MUC4 TCGA-E9-A22D-01  0.0000000
## 7877    CDH1 TCGA-E9-A22D-01  0.0000000
## 7878   PIK3CA TCGA-E9-A22D-01  0.0000000
## 7879   GATA3 TCGA-E9-A22D-01  1.0000000
## 7880     TTN TCGA-E9-A22D-01  0.0000000
## 7881   MUC16 TCGA-E9-A22E-01  0.0000000
## 7882    MLL3 TCGA-E9-A22E-01  0.0000000
## 7883  MAP3K1 TCGA-E9-A22E-01  0.0000000
## 7884    TP53 TCGA-E9-A22E-01  0.0000000
## 7885 CROCCP2 TCGA-E9-A22E-01  0.0000000
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## 7886    MUC4 TCGA-E9-A22E-01  1.0000000
## 7887    CDH1 TCGA-E9-A22E-01  0.0000000
## 7888  PIK3CA TCGA-E9-A22E-01  0.0000000
## 7889   GATA3 TCGA-E9-A22E-01  0.0000000
## 7890     TTN TCGA-E9-A22E-01  0.0000000
## 7891   MUC16 TCGA-E9-A22G-01  0.0000000
## 7892    MLL3 TCGA-E9-A22G-01  0.0000000
## 7893   MAP3K1 TCGA-E9-A22G-01  0.0000000
## 7894    TP53 TCGA-E9-A22G-01  0.0000000
## 7895 CROCCP2 TCGA-E9-A22G-01  0.0000000
## 7896    MUC4 TCGA-E9-A22G-01  1.0000000
## 7897    CDH1 TCGA-E9-A22G-01  0.0000000
## 7898  PIK3CA TCGA-E9-A22G-01  0.0000000
## 7899   GATA3 TCGA-E9-A22G-01  0.0000000
## 7900     TTN TCGA-E9-A22G-01  0.0000000
## 7901   MUC16 TCGA-E9-A22H-01  0.0000000
## 7902    MLL3 TCGA-E9-A22H-01  0.0000000
## 7903   MAP3K1 TCGA-E9-A22H-01  1.0000000
## 7904    TP53 TCGA-E9-A22H-01  0.0000000
## 7905 CROCCP2 TCGA-E9-A22H-01  0.0000000
## 7906    MUC4 TCGA-E9-A22H-01  0.0000000
## 7907    CDH1 TCGA-E9-A22H-01  0.0000000
## 7908  PIK3CA TCGA-E9-A22H-01  0.0000000
## 7909   GATA3 TCGA-E9-A22H-01  0.0000000
## 7910     TTN TCGA-E9-A22H-01  0.0000000
## 7911   MUC16 TCGA-E9-A243-01  0.0000000
## 7912    MLL3 TCGA-E9-A243-01  0.0000000
## 7913   MAP3K1 TCGA-E9-A243-01  0.0000000
## 7914    TP53 TCGA-E9-A243-01  1.0000000
## 7915 CROCCP2 TCGA-E9-A243-01  0.0000000
## 7916    MUC4 TCGA-E9-A243-01  0.0000000
## 7917    CDH1 TCGA-E9-A243-01  0.0000000
## 7918  PIK3CA TCGA-E9-A243-01  0.0000000
## 7919   GATA3 TCGA-E9-A243-01  0.0000000
## 7920     TTN TCGA-E9-A243-01  0.0000000
## 7921   MUC16 TCGA-E9-A244-01  0.0000000
## 7922    MLL3 TCGA-E9-A244-01  0.0000000
## 7923   MAP3K1 TCGA-E9-A244-01  0.0000000
## 7924    TP53 TCGA-E9-A244-01  1.0000000
## 7925 CROCCP2 TCGA-E9-A244-01  0.0000000
## 7926    MUC4 TCGA-E9-A244-01  0.0000000
## 7927    CDH1 TCGA-E9-A244-01  0.0000000
## 7928  PIK3CA TCGA-E9-A244-01  0.0000000
## 7929   GATA3 TCGA-E9-A244-01  0.0000000
## 7930     TTN TCGA-E9-A244-01  0.0000000
## 7931   MUC16 TCGA-E9-A245-01  0.0000000
## 7932    MLL3 TCGA-E9-A245-01  0.0000000
## 7933   MAP3K1 TCGA-E9-A245-01  0.0000000
## 7934    TP53 TCGA-E9-A245-01  0.0000000
## 7935 CROCCP2 TCGA-E9-A245-01  0.0000000
## 7936    MUC4 TCGA-E9-A245-01  0.0000000
## 7937    CDH1 TCGA-E9-A245-01  0.0000000
## 7938  PIK3CA TCGA-E9-A245-01  0.0000000
## 7939   GATA3 TCGA-E9-A245-01  1.0000000
```

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## 7940     TTN TCGA-E9-A245-01  0.0000000
## 7941   MUC16 TCGA-E9-A247-01  0.0000000
## 7942    MLL3 TCGA-E9-A247-01  0.0000000
## 7943  MAP3K1 TCGA-E9-A247-01  0.0000000
## 7944    TP53 TCGA-E9-A247-01  0.0000000
## 7945 CROCCP2 TCGA-E9-A247-01  0.0000000
## 7946    MUC4 TCGA-E9-A247-01  0.0000000
## 7947    CDH1 TCGA-E9-A247-01  0.0000000
## 7948  PIK3CA TCGA-E9-A247-01  0.0000000
## 7949   GATA3 TCGA-E9-A247-01  0.0000000
## 7950     TTN TCGA-E9-A247-01  1.0000000
## 7951   MUC16 TCGA-E9-A248-01  0.0000000
## 7952    MLL3 TCGA-E9-A248-01  0.0000000
## 7953  MAP3K1 TCGA-E9-A248-01  0.0000000
## 7954    TP53 TCGA-E9-A248-01  1.0000000
## 7955 CROCCP2 TCGA-E9-A248-01  0.0000000
## 7956    MUC4 TCGA-E9-A248-01  0.0000000
## 7957    CDH1 TCGA-E9-A248-01  0.0000000
## 7958  PIK3CA TCGA-E9-A248-01  0.0000000
## 7959   GATA3 TCGA-E9-A248-01  0.0000000
## 7960     TTN TCGA-E9-A248-01  0.0000000
## 7961   MUC16 TCGA-E9-A249-01  0.0000000
## 7962    MLL3 TCGA-E9-A249-01  0.0000000
## 7963  MAP3K1 TCGA-E9-A249-01  0.0000000
## 7964    TP53 TCGA-E9-A249-01  0.0000000
## 7965 CROCCP2 TCGA-E9-A249-01  0.0000000
## 7966    MUC4 TCGA-E9-A249-01  0.0000000
## 7967    CDH1 TCGA-E9-A249-01  0.0000000
## 7968  PIK3CA TCGA-E9-A249-01  1.0000000
## 7969   GATA3 TCGA-E9-A249-01  1.0000000
## 7970     TTN TCGA-E9-A249-01  0.0000000
## 7971   MUC16 TCGA-E9-A24A-01  0.0000000
## 7972    MLL3 TCGA-E9-A24A-01  0.0000000
## 7973  MAP3K1 TCGA-E9-A24A-01  0.0000000
## 7974    TP53 TCGA-E9-A24A-01  0.0000000
## 7975 CROCCP2 TCGA-E9-A24A-01  0.0000000
## 7976    MUC4 TCGA-E9-A24A-01  0.0000000
## 7977    CDH1 TCGA-E9-A24A-01  0.0000000
## 7978  PIK3CA TCGA-E9-A24A-01  0.0000000
## 7979   GATA3 TCGA-E9-A24A-01  0.0000000
## 7980     TTN TCGA-E9-A24A-01  0.0000000
## 7981   MUC16 TCGA-E9-A295-01  0.0000000
## 7982    MLL3 TCGA-E9-A295-01  0.0000000
## 7983  MAP3K1 TCGA-E9-A295-01  0.0000000
## 7984    TP53 TCGA-E9-A295-01  0.0000000
## 7985 CROCCP2 TCGA-E9-A295-01  0.0000000
## 7986    MUC4 TCGA-E9-A295-01  1.0000000
## 7987    CDH1 TCGA-E9-A295-01  0.0000000
## 7988  PIK3CA TCGA-E9-A295-01  1.0000000
## 7989   GATA3 TCGA-E9-A295-01  0.0000000
## 7990     TTN TCGA-E9-A295-01  1.0000000
## 7991   MUC16 TCGA-E9-A2JS-01  0.0000000
## 7992    MLL3 TCGA-E9-A2JS-01  0.0000000
## 7993  MAP3K1 TCGA-E9-A2JS-01  0.0000000
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## 7994    TP53 TCGA-E9-A2JS-01  0.0000000
## 7995 CROCCP2 TCGA-E9-A2JS-01  0.0000000
## 7996    MUC4 TCGA-E9-A2JS-01  0.0000000
## 7997    CDH1 TCGA-E9-A2JS-01  0.0000000
## 7998  PIK3CA TCGA-E9-A2JS-01  0.0000000
## 7999   GATA3 TCGA-E9-A2JS-01  0.0000000
## 8000     TTN TCGA-E9-A2JS-01  1.0000000
## 8001   MUC16 TCGA-E9-A2JT-01  0.0000000
## 8002    MLL3 TCGA-E9-A2JT-01  0.0000000
## 8003   MAP3K1 TCGA-E9-A2JT-01  0.0000000
## 8004    TP53 TCGA-E9-A2JT-01  0.0000000
## 8005 CROCCP2 TCGA-E9-A2JT-01  0.0000000
## 8006    MUC4 TCGA-E9-A2JT-01  0.0000000
## 8007    CDH1 TCGA-E9-A2JT-01  1.0000000
## 8008  PIK3CA TCGA-E9-A2JT-01  0.0000000
## 8009   GATA3 TCGA-E9-A2JT-01  0.0000000
## 8010     TTN TCGA-E9-A2JT-01  0.0000000
## 8011   MUC16 TCGA-E9-A3H0-01  0.0000000
## 8012    MLL3 TCGA-E9-A3H0-01  0.0000000
## 8013   MAP3K1 TCGA-E9-A3H0-01  0.0000000
## 8014    TP53 TCGA-E9-A3H0-01  0.0000000
## 8015 CROCCP2 TCGA-E9-A3H0-01  0.0000000
## 8016    MUC4 TCGA-E9-A3H0-01  1.0000000
## 8017    CDH1 TCGA-E9-A3H0-01  0.0000000
## 8018  PIK3CA TCGA-E9-A3H0-01  0.0000000
## 8019   GATA3 TCGA-E9-A3H0-01  0.0000000
## 8020     TTN TCGA-E9-A3H0-01  0.0000000
## 8021   MUC16 TCGA-E9-A3Q9-01  0.0000000
## 8022    MLL3 TCGA-E9-A3Q9-01  0.0000000
## 8023   MAP3K1 TCGA-E9-A3Q9-01  0.0000000
## 8024    TP53 TCGA-E9-A3Q9-01  0.0000000
## 8025 CROCCP2 TCGA-E9-A3Q9-01  0.0000000
## 8026    MUC4 TCGA-E9-A3Q9-01  0.0000000
## 8027    CDH1 TCGA-E9-A3Q9-01  0.0000000
## 8028  PIK3CA TCGA-E9-A3Q9-01  0.0000000
## 8029   GATA3 TCGA-E9-A3Q9-01  0.0000000
## 8030     TTN TCGA-E9-A3Q9-01  0.0000000
## 8031   MUC16 TCGA-E9-A3QA-01  0.0000000
## 8032    MLL3 TCGA-E9-A3QA-01  0.0000000
## 8033   MAP3K1 TCGA-E9-A3QA-01  0.0000000
## 8034    TP53 TCGA-E9-A3QA-01  0.0000000
## 8035 CROCCP2 TCGA-E9-A3QA-01  0.0000000
## 8036    MUC4 TCGA-E9-A3QA-01  0.0000000
## 8037    CDH1 TCGA-E9-A3QA-01  0.0000000
## 8038  PIK3CA TCGA-E9-A3QA-01  0.0000000
## 8039   GATA3 TCGA-E9-A3QA-01  0.0000000
## 8040     TTN TCGA-E9-A3QA-01  1.0000000
## 8041   MUC16 TCGA-E9-A3X8-01  0.0000000
## 8042    MLL3 TCGA-E9-A3X8-01  0.0000000
## 8043   MAP3K1 TCGA-E9-A3X8-01  0.0000000
## 8044    TP53 TCGA-E9-A3X8-01  0.0000000
## 8045 CROCCP2 TCGA-E9-A3X8-01  0.0000000
## 8046    MUC4 TCGA-E9-A3X8-01  0.0000000
## 8047    CDH1 TCGA-E9-A3X8-01  1.0000000
```

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## 8048   PIK3CA TCGA-E9-A3X8-01  0.0000000
## 8049    GATA3 TCGA-E9-A3X8-01  0.0000000
## 8050      TTN TCGA-E9-A3X8-01  0.0000000
## 8051    MUC16 TCGA-E9-A54Y-01  0.0000000
## 8052     MLL3 TCGA-E9-A54Y-01  0.0000000
## 8053   MAP3K1 TCGA-E9-A54Y-01  0.0000000
## 8054     TP53 TCGA-E9-A54Y-01  0.0000000
## 8055  CROCCP2 TCGA-E9-A54Y-01  0.0000000
## 8056     MUC4 TCGA-E9-A54Y-01  0.0000000
## 8057     CDH1 TCGA-E9-A54Y-01  0.0000000
## 8058   PIK3CA TCGA-E9-A54Y-01  0.0000000
## 8059    GATA3 TCGA-E9-A54Y-01  0.0000000
## 8060      TTN TCGA-E9-A54Y-01  0.0000000
## 8061    MUC16 TCGA-E9-A5FK-01  0.0000000
## 8062     MLL3 TCGA-E9-A5FK-01  0.0000000
## 8063   MAP3K1 TCGA-E9-A5FK-01  0.0000000
## 8064     TP53 TCGA-E9-A5FK-01  0.0000000
## 8065  CROCCP2 TCGA-E9-A5FK-01  0.0000000
## 8066     MUC4 TCGA-E9-A5FK-01  0.0000000
## 8067     CDH1 TCGA-E9-A5FK-01  0.0000000
## 8068   PIK3CA TCGA-E9-A5FK-01  0.0000000
## 8069    GATA3 TCGA-E9-A5FK-01  0.0000000
## 8070      TTN TCGA-E9-A5FK-01  0.0000000
## 8071    MUC16 TCGA-E9-A5FL-01  0.0000000
## 8072     MLL3 TCGA-E9-A5FL-01  0.0000000
## 8073   MAP3K1 TCGA-E9-A5FL-01  0.0000000
## 8074     TP53 TCGA-E9-A5FL-01  1.0000000
## 8075  CROCCP2 TCGA-E9-A5FL-01  0.0000000
## 8076     MUC4 TCGA-E9-A5FL-01  0.0000000
## 8077     CDH1 TCGA-E9-A5FL-01  0.0000000
## 8078   PIK3CA TCGA-E9-A5FL-01  0.0000000
## 8079    GATA3 TCGA-E9-A5FL-01  0.0000000
## 8080      TTN TCGA-E9-A5FL-01  1.0000000
## 8081    MUC16 TCGA-E9-A5UO-01  0.0000000
## 8082     MLL3 TCGA-E9-A5UO-01  0.0000000
## 8083   MAP3K1 TCGA-E9-A5UO-01  0.0000000
## 8084     TP53 TCGA-E9-A5UO-01  0.0000000
## 8085  CROCCP2 TCGA-E9-A5UO-01  0.0000000
## 8086     MUC4 TCGA-E9-A5UO-01  0.0000000
## 8087     CDH1 TCGA-E9-A5UO-01  0.0000000
## 8088   PIK3CA TCGA-E9-A5UO-01  0.0000000
## 8089    GATA3 TCGA-E9-A5UO-01  1.0000000
## 8090      TTN TCGA-E9-A5UO-01  0.0000000
## 8091    MUC16 TCGA-E9-A5UP-01  0.0000000
## 8092     MLL3 TCGA-E9-A5UP-01  0.0000000
## 8093   MAP3K1 TCGA-E9-A5UP-01  0.0000000
## 8094     TP53 TCGA-E9-A5UP-01  0.0000000
## 8095  CROCCP2 TCGA-E9-A5UP-01  0.0000000
## 8096     MUC4 TCGA-E9-A5UP-01  0.0000000
## 8097     CDH1 TCGA-E9-A5UP-01  0.0000000
## 8098   PIK3CA TCGA-E9-A5UP-01  0.0000000
## 8099    GATA3 TCGA-E9-A5UP-01  0.0000000
## 8100      TTN TCGA-E9-A5UP-01  0.0000000
## 8101    MUC16 TCGA-EW-A1IX-01  0.0000000
```

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## 8102    MLL3 TCGA-EW-A1IX-01  0.0000000
## 8103  MAP3K1 TCGA-EW-A1IX-01  0.0000000
## 8104    TP53 TCGA-EW-A1IX-01  0.0000000
## 8105 CROCCP2 TCGA-EW-A1IX-01  0.0000000
## 8106    MUC4 TCGA-EW-A1IX-01  0.0000000
## 8107    CDH1 TCGA-EW-A1IX-01  0.0000000
## 8108  PIK3CA TCGA-EW-A1IX-01  1.0000000
## 8109   GATA3 TCGA-EW-A1IX-01  0.0000000
## 8110     TTN TCGA-EW-A1IX-01  0.0000000
## 8111   MUC16 TCGA-EW-A1IY-01  0.0000000
## 8112    MLL3 TCGA-EW-A1IY-01  0.0000000
## 8113  MAP3K1 TCGA-EW-A1IY-01  0.0000000
## 8114    TP53 TCGA-EW-A1IY-01  0.0000000
## 8115 CROCCP2 TCGA-EW-A1IY-01  0.0000000
## 8116    MUC4 TCGA-EW-A1IY-01  1.0000000
## 8117    CDH1 TCGA-EW-A1IY-01  0.0000000
## 8118  PIK3CA TCGA-EW-A1IY-01  0.0000000
## 8119   GATA3 TCGA-EW-A1IY-01  0.0000000
## 8120     TTN TCGA-EW-A1IY-01  0.0000000
## 8121   MUC16 TCGA-EW-A1IZ-01  0.0000000
## 8122    MLL3 TCGA-EW-A1IZ-01  0.0000000
## 8123  MAP3K1 TCGA-EW-A1IZ-01  0.0000000
## 8124    TP53 TCGA-EW-A1IZ-01  0.0000000
## 8125 CROCCP2 TCGA-EW-A1IZ-01  0.0000000
## 8126    MUC4 TCGA-EW-A1IZ-01  0.0000000
## 8127    CDH1 TCGA-EW-A1IZ-01  0.0000000
## 8128  PIK3CA TCGA-EW-A1IZ-01  1.0000000
## 8129   GATA3 TCGA-EW-A1IZ-01  0.0000000
## 8130     TTN TCGA-EW-A1IZ-01  0.0000000
## 8131   MUC16 TCGA-EW-A1J1-01  0.0000000
## 8132    MLL3 TCGA-EW-A1J1-01  0.0000000
## 8133  MAP3K1 TCGA-EW-A1J1-01  1.0000000
## 8134    TP53 TCGA-EW-A1J1-01  0.0000000
## 8135 CROCCP2 TCGA-EW-A1J1-01  0.0000000
## 8136    MUC4 TCGA-EW-A1J1-01  0.0000000
## 8137    CDH1 TCGA-EW-A1J1-01  0.0000000
## 8138  PIK3CA TCGA-EW-A1J1-01  1.0000000
## 8139   GATA3 TCGA-EW-A1J1-01  0.0000000
## 8140     TTN TCGA-EW-A1J1-01  0.0000000
## 8141   MUC16 TCGA-EW-A1J2-01  0.0000000
## 8142    MLL3 TCGA-EW-A1J2-01  0.0000000
## 8143  MAP3K1 TCGA-EW-A1J2-01  0.0000000
## 8144    TP53 TCGA-EW-A1J2-01  0.0000000
## 8145 CROCCP2 TCGA-EW-A1J2-01  1.0000000
## 8146    MUC4 TCGA-EW-A1J2-01  0.0000000
## 8147    CDH1 TCGA-EW-A1J2-01  1.0000000
## 8148  PIK3CA TCGA-EW-A1J2-01  1.0000000
## 8149   GATA3 TCGA-EW-A1J2-01  0.0000000
## 8150     TTN TCGA-EW-A1J2-01  0.0000000
## 8151   MUC16 TCGA-EW-A1J3-01  0.0000000
## 8152    MLL3 TCGA-EW-A1J3-01  0.0000000
## 8153  MAP3K1 TCGA-EW-A1J3-01  0.0000000
## 8154    TP53 TCGA-EW-A1J3-01  0.0000000
## 8155 CROCCP2 TCGA-EW-A1J3-01  1.0000000
```

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## 8156    MUC4 TCGA-EW-A1J3-01  0.0000000
## 8157    CDH1 TCGA-EW-A1J3-01  0.0000000
## 8158  PIK3CA TCGA-EW-A1J3-01  0.0000000
## 8159   GATA3 TCGA-EW-A1J3-01  0.0000000
## 8160     TTN TCGA-EW-A1J3-01  0.0000000
## 8161   MUC16 TCGA-EW-A1J5-01  1.0000000
## 8162    MLL3 TCGA-EW-A1J5-01  1.0000000
## 8163   MAP3K1 TCGA-EW-A1J5-01  0.0000000
## 8164    TP53 TCGA-EW-A1J5-01  0.0000000
## 8165 CROCCP2 TCGA-EW-A1J5-01  0.0000000
## 8166    MUC4 TCGA-EW-A1J5-01  0.0000000
## 8167    CDH1 TCGA-EW-A1J5-01  1.0000000
## 8168  PIK3CA TCGA-EW-A1J5-01  1.0000000
## 8169   GATA3 TCGA-EW-A1J5-01  0.0000000
## 8170     TTN TCGA-EW-A1J5-01  1.0000000
## 8171   MUC16 TCGA-EW-A1J6-01  0.0000000
## 8172    MLL3 TCGA-EW-A1J6-01  0.0000000
## 8173   MAP3K1 TCGA-EW-A1J6-01  0.0000000
## 8174    TP53 TCGA-EW-A1J6-01  0.0000000
## 8175 CROCCP2 TCGA-EW-A1J6-01  0.0000000
## 8176    MUC4 TCGA-EW-A1J6-01  0.0000000
## 8177    CDH1 TCGA-EW-A1J6-01  0.0000000
## 8178  PIK3CA TCGA-EW-A1J6-01  0.0000000
## 8179   GATA3 TCGA-EW-A1J6-01  0.0000000
## 8180     TTN TCGA-EW-A1J6-01  0.0000000
## 8181   MUC16 TCGA-EW-A1OV-01  0.0000000
## 8182    MLL3 TCGA-EW-A1OV-01  0.0000000
## 8183   MAP3K1 TCGA-EW-A1OV-01  0.0000000
## 8184    TP53 TCGA-EW-A1OV-01  0.0000000
## 8185 CROCCP2 TCGA-EW-A1OV-01  0.0000000
## 8186    MUC4 TCGA-EW-A1OV-01  0.0000000
## 8187    CDH1 TCGA-EW-A1OV-01  0.0000000
## 8188  PIK3CA TCGA-EW-A1OV-01  1.0000000
## 8189   GATA3 TCGA-EW-A1OV-01  0.0000000
## 8190     TTN TCGA-EW-A1OV-01  1.0000000
## 8191   MUC16 TCGA-EW-A1OX-01  0.0000000
## 8192    MLL3 TCGA-EW-A1OX-01  0.0000000
## 8193   MAP3K1 TCGA-EW-A1OX-01  0.0000000
## 8194    TP53 TCGA-EW-A1OX-01  0.0000000
## 8195 CROCCP2 TCGA-EW-A1OX-01  0.0000000
## 8196    MUC4 TCGA-EW-A1OX-01  0.0000000
## 8197    CDH1 TCGA-EW-A1OX-01  0.0000000
## 8198  PIK3CA TCGA-EW-A1OX-01  0.0000000
## 8199   GATA3 TCGA-EW-A1OX-01  1.0000000
## 8200     TTN TCGA-EW-A1OX-01  0.0000000
## 8201   MUC16 TCGA-EW-A1OY-01  0.0000000
## 8202    MLL3 TCGA-EW-A1OY-01  1.0000000
## 8203   MAP3K1 TCGA-EW-A1OY-01  1.0000000
## 8204    TP53 TCGA-EW-A1OY-01  1.0000000
## 8205 CROCCP2 TCGA-EW-A1OY-01  0.0000000
## 8206    MUC4 TCGA-EW-A1OY-01  1.0000000
## 8207    CDH1 TCGA-EW-A1OY-01  0.0000000
## 8208  PIK3CA TCGA-EW-A1OY-01  0.0000000
## 8209   GATA3 TCGA-EW-A1OY-01  0.0000000
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## 8210     TTN TCGA-EW-A1OY-01  0.0000000
## 8211   MUC16 TCGA-EW-A1OZ-01  0.0000000
## 8212    MLL3 TCGA-EW-A1OZ-01  0.0000000
## 8213  MAP3K1 TCGA-EW-A1OZ-01  0.0000000
## 8214    TP53 TCGA-EW-A1OZ-01  1.0000000
## 8215 CROCCP2 TCGA-EW-A1OZ-01  0.0000000
## 8216    MUC4 TCGA-EW-A1OZ-01  0.0000000
## 8217    CDH1 TCGA-EW-A1OZ-01  0.0000000
## 8218  PIK3CA TCGA-EW-A1OZ-01  0.0000000
## 8219   GATA3 TCGA-EW-A1OZ-01  0.0000000
## 8220     TTN TCGA-EW-A1OZ-01  0.0000000
## 8221   MUC16 TCGA-EW-A1P0-01  0.0000000
## 8222    MLL3 TCGA-EW-A1P0-01  0.0000000
## 8223  MAP3K1 TCGA-EW-A1P0-01  0.0000000
## 8224    TP53 TCGA-EW-A1P0-01  0.0000000
## 8225 CROCCP2 TCGA-EW-A1P0-01  0.0000000
## 8226    MUC4 TCGA-EW-A1P0-01  0.0000000
## 8227    CDH1 TCGA-EW-A1P0-01  0.0000000
## 8228  PIK3CA TCGA-EW-A1P0-01  1.0000000
## 8229   GATA3 TCGA-EW-A1P0-01  0.0000000
## 8230     TTN TCGA-EW-A1P0-01  1.0000000
## 8231   MUC16 TCGA-EW-A1P1-01  0.0000000
## 8232    MLL3 TCGA-EW-A1P1-01  0.0000000
## 8233  MAP3K1 TCGA-EW-A1P1-01  0.0000000
## 8234    TP53 TCGA-EW-A1P1-01  0.0000000
## 8235 CROCCP2 TCGA-EW-A1P1-01  0.0000000
## 8236    MUC4 TCGA-EW-A1P1-01  0.0000000
## 8237    CDH1 TCGA-EW-A1P1-01  0.0000000
## 8238  PIK3CA TCGA-EW-A1P1-01  0.0000000
## 8239   GATA3 TCGA-EW-A1P1-01  0.0000000
## 8240     TTN TCGA-EW-A1P1-01  0.0000000
## 8241   MUC16 TCGA-EW-A1P3-01  0.0000000
## 8242    MLL3 TCGA-EW-A1P3-01  0.0000000
## 8243  MAP3K1 TCGA-EW-A1P3-01  0.0000000
## 8244    TP53 TCGA-EW-A1P3-01  0.0000000
## 8245 CROCCP2 TCGA-EW-A1P3-01  0.0000000
## 8246    MUC4 TCGA-EW-A1P3-01  0.0000000
## 8247    CDH1 TCGA-EW-A1P3-01  0.0000000
## 8248  PIK3CA TCGA-EW-A1P3-01  0.0000000
## 8249   GATA3 TCGA-EW-A1P3-01  1.0000000
## 8250     TTN TCGA-EW-A1P3-01  0.0000000
## 8251   MUC16 TCGA-EW-A1P4-01  0.0000000
## 8252    MLL3 TCGA-EW-A1P4-01  0.0000000
## 8253  MAP3K1 TCGA-EW-A1P4-01  0.0000000
## 8254    TP53 TCGA-EW-A1P4-01  1.0000000
## 8255 CROCCP2 TCGA-EW-A1P4-01  0.0000000
## 8256    MUC4 TCGA-EW-A1P4-01  0.0000000
## 8257    CDH1 TCGA-EW-A1P4-01  0.0000000
## 8258  PIK3CA TCGA-EW-A1P4-01  0.0000000
## 8259   GATA3 TCGA-EW-A1P4-01  0.0000000
## 8260     TTN TCGA-EW-A1P4-01  0.0000000
## 8261   MUC16 TCGA-EW-A1P5-01  0.0000000
## 8262    MLL3 TCGA-EW-A1P5-01  0.0000000
## 8263  MAP3K1 TCGA-EW-A1P5-01  0.0000000
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## 8264     TP53 TCGA-EW-A1P5-01  0.0000000
## 8265 CROCCP2 TCGA-EW-A1P5-01  0.0000000
## 8266     MUC4 TCGA-EW-A1P5-01  0.0000000
## 8267     CDH1 TCGA-EW-A1P5-01  0.0000000
## 8268   PIK3CA TCGA-EW-A1P5-01  1.0000000
## 8269    GATA3 TCGA-EW-A1P5-01  0.0000000
## 8270      TTN TCGA-EW-A1P5-01  0.0000000
## 8271    MUC16 TCGA-EW-A1P6-01  0.0000000
## 8272     MLL3 TCGA-EW-A1P6-01  0.0000000
## 8273    MAP3K1 TCGA-EW-A1P6-01  1.0000000
## 8274     TP53 TCGA-EW-A1P6-01  0.0000000
## 8275 CROCCP2 TCGA-EW-A1P6-01  0.0000000
## 8276     MUC4 TCGA-EW-A1P6-01  0.0000000
## 8277     CDH1 TCGA-EW-A1P6-01  0.0000000
## 8278   PIK3CA TCGA-EW-A1P6-01  0.0000000
## 8279    GATA3 TCGA-EW-A1P6-01  0.0000000
## 8280      TTN TCGA-EW-A1P6-01  0.0000000
## 8281    MUC16 TCGA-EW-A1P7-01  0.0000000
## 8282     MLL3 TCGA-EW-A1P7-01  0.0000000
## 8283    MAP3K1 TCGA-EW-A1P7-01  0.0000000
## 8284     TP53 TCGA-EW-A1P7-01  0.0000000
## 8285 CROCCP2 TCGA-EW-A1P7-01  0.0000000
## 8286     MUC4 TCGA-EW-A1P7-01  0.0000000
## 8287     CDH1 TCGA-EW-A1P7-01  0.0000000
## 8288   PIK3CA TCGA-EW-A1P7-01  0.0000000
## 8289    GATA3 TCGA-EW-A1P7-01  0.0000000
## 8290      TTN TCGA-EW-A1P7-01  1.0000000
## 8291    MUC16 TCGA-EW-A1P8-01  0.0000000
## 8292     MLL3 TCGA-EW-A1P8-01  0.0000000
## 8293    MAP3K1 TCGA-EW-A1P8-01  0.0000000
## 8294     TP53 TCGA-EW-A1P8-01  0.0000000
## 8295 CROCCP2 TCGA-EW-A1P8-01  0.0000000
## 8296     MUC4 TCGA-EW-A1P8-01  0.0000000
## 8297     CDH1 TCGA-EW-A1P8-01  0.0000000
## 8298   PIK3CA TCGA-EW-A1P8-01  0.0000000
## 8299    GATA3 TCGA-EW-A1P8-01  0.0000000
## 8300      TTN TCGA-EW-A1P8-01  0.0000000
## 8301    MUC16 TCGA-EW-A1PA-01  0.0000000
## 8302     MLL3 TCGA-EW-A1PA-01  0.0000000
## 8303    MAP3K1 TCGA-EW-A1PA-01  0.0000000
## 8304     TP53 TCGA-EW-A1PA-01  1.0000000
## 8305 CROCCP2 TCGA-EW-A1PA-01  0.0000000
## 8306     MUC4 TCGA-EW-A1PA-01  0.0000000
## 8307     CDH1 TCGA-EW-A1PA-01  0.0000000
## 8308   PIK3CA TCGA-EW-A1PA-01  0.0000000
## 8309    GATA3 TCGA-EW-A1PA-01  0.0000000
## 8310      TTN TCGA-EW-A1PA-01  1.0000000
## 8311    MUC16 TCGA-EW-A1PB-01  0.0000000
## 8312     MLL3 TCGA-EW-A1PB-01  0.0000000
## 8313    MAP3K1 TCGA-EW-A1PB-01  0.0000000
## 8314     TP53 TCGA-EW-A1PB-01  0.0000000
## 8315 CROCCP2 TCGA-EW-A1PB-01  0.0000000
## 8316     MUC4 TCGA-EW-A1PB-01  0.0000000
## 8317     CDH1 TCGA-EW-A1PB-01  0.0000000
```

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## 8318  PIK3CA TCGA-EW-A1PB-01  0.0000000
## 8319   GATA3 TCGA-EW-A1PB-01  0.0000000
## 8320     TTN TCGA-EW-A1PB-01  0.0000000
## 8321   MUC16 TCGA-EW-A1PC-01  0.0000000
## 8322    MLL3 TCGA-EW-A1PC-01  0.0000000
## 8323  MAP3K1 TCGA-EW-A1PC-01  0.0000000
## 8324    TP53 TCGA-EW-A1PC-01  1.0000000
## 8325 CROCCP2 TCGA-EW-A1PC-01  0.0000000
## 8326    MUC4 TCGA-EW-A1PC-01  0.0000000
## 8327    CDH1 TCGA-EW-A1PC-01  0.0000000
## 8328  PIK3CA TCGA-EW-A1PC-01  1.0000000
## 8329   GATA3 TCGA-EW-A1PC-01  0.0000000
## 8330     TTN TCGA-EW-A1PC-01  0.0000000
## 8331   MUC16 TCGA-EW-A1PD-01  0.0000000
## 8332    MLL3 TCGA-EW-A1PD-01  0.0000000
## 8333  MAP3K1 TCGA-EW-A1PD-01  0.0000000
## 8334    TP53 TCGA-EW-A1PD-01  0.0000000
## 8335 CROCCP2 TCGA-EW-A1PD-01  0.0000000
## 8336    MUC4 TCGA-EW-A1PD-01  0.0000000
## 8337    CDH1 TCGA-EW-A1PD-01  0.0000000
## 8338  PIK3CA TCGA-EW-A1PD-01  0.0000000
## 8339   GATA3 TCGA-EW-A1PD-01  0.0000000
## 8340     TTN TCGA-EW-A1PD-01  0.0000000
## 8341   MUC16 TCGA-EW-A1PE-01  0.0000000
## 8342    MLL3 TCGA-EW-A1PE-01  0.0000000
## 8343  MAP3K1 TCGA-EW-A1PE-01  0.0000000
## 8344    TP53 TCGA-EW-A1PE-01  0.0000000
## 8345 CROCCP2 TCGA-EW-A1PE-01  0.0000000
## 8346    MUC4 TCGA-EW-A1PE-01  1.0000000
## 8347    CDH1 TCGA-EW-A1PE-01  0.0000000
## 8348  PIK3CA TCGA-EW-A1PE-01  1.0000000
## 8349   GATA3 TCGA-EW-A1PE-01  0.0000000
## 8350     TTN TCGA-EW-A1PE-01  0.0000000
## 8351   MUC16 TCGA-EW-A1PG-01  0.0000000
## 8352    MLL3 TCGA-EW-A1PG-01  0.0000000
## 8353  MAP3K1 TCGA-EW-A1PG-01  0.0000000
## 8354    TP53 TCGA-EW-A1PG-01  0.0000000
## 8355 CROCCP2 TCGA-EW-A1PG-01  0.0000000
## 8356    MUC4 TCGA-EW-A1PG-01  0.0000000
## 8357    CDH1 TCGA-EW-A1PG-01  0.0000000
## 8358  PIK3CA TCGA-EW-A1PG-01  0.0000000
## 8359   GATA3 TCGA-EW-A1PG-01  0.0000000
## 8360     TTN TCGA-EW-A1PG-01  0.0000000
## 8361   MUC16 TCGA-EW-A1PH-01  0.0000000
## 8362    MLL3 TCGA-EW-A1PH-01  0.0000000
## 8363  MAP3K1 TCGA-EW-A1PH-01  0.0000000
## 8364    TP53 TCGA-EW-A1PH-01  1.0000000
## 8365 CROCCP2 TCGA-EW-A1PH-01  0.0000000
## 8366    MUC4 TCGA-EW-A1PH-01  0.0000000
## 8367    CDH1 TCGA-EW-A1PH-01  0.0000000
## 8368  PIK3CA TCGA-EW-A1PH-01  0.0000000
## 8369   GATA3 TCGA-EW-A1PH-01  0.0000000
## 8370     TTN TCGA-EW-A1PH-01  0.0000000
## 8371   MUC16 TCGA-EW-A2FR-01  0.0000000
```

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## 8372    MLL3 TCGA-EW-A2FR-01  0.0000000
## 8373 MAP3K1 TCGA-EW-A2FR-01  0.0000000
## 8374    TP53 TCGA-EW-A2FR-01  1.0000000
## 8375 CROCCP2 TCGA-EW-A2FR-01  0.0000000
## 8376    MUC4 TCGA-EW-A2FR-01  0.0000000
## 8377    CDH1 TCGA-EW-A2FR-01  0.0000000
## 8378  PIK3CA TCGA-EW-A2FR-01  0.0000000
## 8379   GATA3 TCGA-EW-A2FR-01  0.0000000
## 8380     TTN TCGA-EW-A2FR-01  1.0000000
## 8381   MUC16 TCGA-EW-A2FS-01  0.0000000
## 8382    MLL3 TCGA-EW-A2FS-01  0.0000000
## 8383 MAP3K1 TCGA-EW-A2FS-01  0.0000000
## 8384    TP53 TCGA-EW-A2FS-01  0.0000000
## 8385 CROCCP2 TCGA-EW-A2FS-01  0.0000000
## 8386    MUC4 TCGA-EW-A2FS-01  0.0000000
## 8387    CDH1 TCGA-EW-A2FS-01  0.0000000
## 8388  PIK3CA TCGA-EW-A2FS-01  0.0000000
## 8389   GATA3 TCGA-EW-A2FS-01  0.0000000
## 8390     TTN TCGA-EW-A2FS-01  0.0000000
## 8391   MUC16 TCGA-EW-A2FV-01  0.0000000
## 8392    MLL3 TCGA-EW-A2FV-01  0.0000000
## 8393 MAP3K1 TCGA-EW-A2FV-01  0.0000000
## 8394    TP53 TCGA-EW-A2FV-01  0.0000000
## 8395 CROCCP2 TCGA-EW-A2FV-01  1.0000000
## 8396    MUC4 TCGA-EW-A2FV-01  0.0000000
## 8397    CDH1 TCGA-EW-A2FV-01  0.0000000
## 8398  PIK3CA TCGA-EW-A2FV-01  1.0000000
## 8399   GATA3 TCGA-EW-A2FV-01  0.0000000
## 8400     TTN TCGA-EW-A2FV-01  0.0000000
## 8401   MUC16 TCGA-EW-A2FW-01  0.0000000
## 8402    MLL3 TCGA-EW-A2FW-01  0.0000000
## 8403 MAP3K1 TCGA-EW-A2FW-01  0.0000000
## 8404    TP53 TCGA-EW-A2FW-01  0.0000000
## 8405 CROCCP2 TCGA-EW-A2FW-01  0.0000000
## 8406    MUC4 TCGA-EW-A2FW-01  0.0000000
## 8407    CDH1 TCGA-EW-A2FW-01  0.0000000
## 8408  PIK3CA TCGA-EW-A2FW-01  0.0000000
## 8409   GATA3 TCGA-EW-A2FW-01  1.0000000
## 8410     TTN TCGA-EW-A2FW-01  0.0000000
## 8411   MUC16 TCGA-EW-A3E8-01  0.0000000
## 8412    MLL3 TCGA-EW-A3E8-01  0.0000000
## 8413 MAP3K1 TCGA-EW-A3E8-01  0.0000000
## 8414    TP53 TCGA-EW-A3E8-01  0.0000000
## 8415 CROCCP2 TCGA-EW-A3E8-01  1.0000000
## 8416    MUC4 TCGA-EW-A3E8-01  0.0000000
## 8417    CDH1 TCGA-EW-A3E8-01  1.0000000
## 8418  PIK3CA TCGA-EW-A3E8-01  1.0000000
## 8419   GATA3 TCGA-EW-A3E8-01  0.0000000
## 8420     TTN TCGA-EW-A3E8-01  0.0000000
## 8421   MUC16 TCGA-EW-A3U0-01  0.0000000
## 8422    MLL3 TCGA-EW-A3U0-01  0.0000000
## 8423 MAP3K1 TCGA-EW-A3U0-01  0.0000000
## 8424    TP53 TCGA-EW-A3U0-01  1.0000000
## 8425 CROCCP2 TCGA-EW-A3U0-01  0.0000000
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## 8426     MUC4 TCGA-EW-A3U0-01  0.0000000
## 8427     CDH1 TCGA-EW-A3U0-01  0.0000000
## 8428   PIK3CA TCGA-EW-A3U0-01  0.0000000
## 8429    GATA3 TCGA-EW-A3U0-01  0.0000000
## 8430      TTN TCGA-EW-A3U0-01  0.0000000
## 8431    MUC16 TCGA-EW-A423-01  0.0000000
## 8432     MLL3 TCGA-EW-A423-01  0.0000000
## 8433   MAP3K1 TCGA-EW-A423-01  0.0000000
## 8434     TP53 TCGA-EW-A423-01  0.0000000
## 8435  CROCCP2 TCGA-EW-A423-01  0.0000000
## 8436     MUC4 TCGA-EW-A423-01  0.0000000
## 8437     CDH1 TCGA-EW-A423-01  0.0000000
## 8438   PIK3CA TCGA-EW-A423-01  0.0000000
## 8439    GATA3 TCGA-EW-A423-01  0.0000000
## 8440      TTN TCGA-EW-A423-01  1.0000000
## 8441    MUC16 TCGA-GI-A2C8-01  0.0000000
## 8442     MLL3 TCGA-GI-A2C8-01  0.0000000
## 8443   MAP3K1 TCGA-GI-A2C8-01  0.0000000
## 8444     TP53 TCGA-GI-A2C8-01  0.0000000
## 8445  CROCCP2 TCGA-GI-A2C8-01  0.0000000
## 8446     MUC4 TCGA-GI-A2C8-01  1.0000000
## 8447     CDH1 TCGA-GI-A2C8-01  1.0000000
## 8448   PIK3CA TCGA-GI-A2C8-01  0.0000000
## 8449    GATA3 TCGA-GI-A2C8-01  0.0000000
## 8450      TTN TCGA-GI-A2C8-01  1.0000000
## 8451    MUC16 TCGA-GI-A2C9-01  0.0000000
## 8452     MLL3 TCGA-GI-A2C9-01  0.0000000
## 8453   MAP3K1 TCGA-GI-A2C9-01  0.0000000
## 8454     TP53 TCGA-GI-A2C9-01  1.0000000
## 8455  CROCCP2 TCGA-GI-A2C9-01  0.0000000
## 8456     MUC4 TCGA-GI-A2C9-01  0.0000000
## 8457     CDH1 TCGA-GI-A2C9-01  0.0000000
## 8458   PIK3CA TCGA-GI-A2C9-01  0.0000000
## 8459    GATA3 TCGA-GI-A2C9-01  0.0000000
## 8460      TTN TCGA-GI-A2C9-01  0.0000000
## 8461    MUC16 TCGA-GM-A2D9-01  1.0000000
## 8462     MLL3 TCGA-GM-A2D9-01  0.0000000
## 8463   MAP3K1 TCGA-GM-A2D9-01  0.0000000
## 8464     TP53 TCGA-GM-A2D9-01  0.0000000
## 8465  CROCCP2 TCGA-GM-A2D9-01  0.0000000
## 8466     MUC4 TCGA-GM-A2D9-01  1.0000000
## 8467     CDH1 TCGA-GM-A2D9-01  0.0000000
## 8468   PIK3CA TCGA-GM-A2D9-01  1.0000000
## 8469    GATA3 TCGA-GM-A2D9-01  0.0000000
## 8470      TTN TCGA-GM-A2D9-01  1.0000000
## 8471    MUC16 TCGA-GM-A2DA-01  0.0000000
## 8472     MLL3 TCGA-GM-A2DA-01  0.0000000
## 8473   MAP3K1 TCGA-GM-A2DA-01  0.0000000
## 8474     TP53 TCGA-GM-A2DA-01  0.0000000
## 8475  CROCCP2 TCGA-GM-A2DA-01  1.0000000
## 8476     MUC4 TCGA-GM-A2DA-01  0.0000000
## 8477     CDH1 TCGA-GM-A2DA-01  0.0000000
## 8478   PIK3CA TCGA-GM-A2DA-01  0.0000000
## 8479    GATA3 TCGA-GM-A2DA-01  0.0000000
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## 8480     TTN TCGA-GM-A2DA-01  0.0000000
## 8481   MUC16 TCGA-GM-A2DB-01  0.0000000
## 8482    MLL3 TCGA-GM-A2DB-01  0.0000000
## 8483  MAP3K1 TCGA-GM-A2DB-01  0.0000000
## 8484    TP53 TCGA-GM-A2DB-01  1.0000000
## 8485 CROCCP2 TCGA-GM-A2DB-01  1.0000000
## 8486    MUC4 TCGA-GM-A2DB-01  0.0000000
## 8487    CDH1 TCGA-GM-A2DB-01  0.0000000
## 8488   PIK3CA TCGA-GM-A2DB-01  0.0000000
## 8489   GATA3 TCGA-GM-A2DB-01  0.0000000
## 8490     TTN TCGA-GM-A2DB-01  0.0000000
## 8491   MUC16 TCGA-GM-A2DC-01  0.0000000
## 8492    MLL3 TCGA-GM-A2DC-01  0.0000000
## 8493  MAP3K1 TCGA-GM-A2DC-01  0.0000000
## 8494    TP53 TCGA-GM-A2DC-01  0.0000000
## 8495 CROCCP2 TCGA-GM-A2DC-01  0.0000000
## 8496    MUC4 TCGA-GM-A2DC-01  0.0000000
## 8497    CDH1 TCGA-GM-A2DC-01  0.0000000
## 8498   PIK3CA TCGA-GM-A2DC-01  0.0000000
## 8499   GATA3 TCGA-GM-A2DC-01  0.0000000
## 8500     TTN TCGA-GM-A2DC-01  0.0000000
## 8501   MUC16 TCGA-GM-A2DD-01  0.0000000
## 8502    MLL3 TCGA-GM-A2DD-01  0.0000000
## 8503  MAP3K1 TCGA-GM-A2DD-01  0.0000000
## 8504    TP53 TCGA-GM-A2DD-01  1.0000000
## 8505 CROCCP2 TCGA-GM-A2DD-01  0.0000000
## 8506    MUC4 TCGA-GM-A2DD-01  0.0000000
## 8507    CDH1 TCGA-GM-A2DD-01  1.0000000
## 8508   PIK3CA TCGA-GM-A2DD-01  1.0000000
## 8509   GATA3 TCGA-GM-A2DD-01  0.0000000
## 8510     TTN TCGA-GM-A2DD-01  0.0000000
## 8511   MUC16 TCGA-GM-A2DF-01  0.0000000
## 8512    MLL3 TCGA-GM-A2DF-01  0.0000000
## 8513  MAP3K1 TCGA-GM-A2DF-01  0.0000000
## 8514    TP53 TCGA-GM-A2DF-01  1.0000000
## 8515 CROCCP2 TCGA-GM-A2DF-01  0.0000000
## 8516    MUC4 TCGA-GM-A2DF-01  0.0000000
## 8517    CDH1 TCGA-GM-A2DF-01  0.0000000
## 8518   PIK3CA TCGA-GM-A2DF-01  0.0000000
## 8519   GATA3 TCGA-GM-A2DF-01  0.0000000
## 8520     TTN TCGA-GM-A2DF-01  0.0000000
## 8521   MUC16 TCGA-GM-A2DH-01  1.0000000
## 8522    MLL3 TCGA-GM-A2DH-01  0.0000000
## 8523  MAP3K1 TCGA-GM-A2DH-01  0.0000000
## 8524    TP53 TCGA-GM-A2DH-01  1.0000000
## 8525 CROCCP2 TCGA-GM-A2DH-01  0.0000000
## 8526    MUC4 TCGA-GM-A2DH-01  0.0000000
## 8527    CDH1 TCGA-GM-A2DH-01  0.0000000
## 8528   PIK3CA TCGA-GM-A2DH-01  1.0000000
## 8529   GATA3 TCGA-GM-A2DH-01  0.0000000
## 8530     TTN TCGA-GM-A2DH-01  1.0000000
## 8531   MUC16 TCGA-GM-A2DI-01  0.0000000
## 8532    MLL3 TCGA-GM-A2DI-01  0.0000000
## 8533  MAP3K1 TCGA-GM-A2DI-01  0.0000000
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## 8534    TP53 TCGA-GM-A2DI-01  1.0000000
## 8535 CROCCP2 TCGA-GM-A2DI-01  0.0000000
## 8536    MUC4 TCGA-GM-A2DI-01  0.0000000
## 8537    CDH1 TCGA-GM-A2DI-01  0.0000000
## 8538  PIK3CA TCGA-GM-A2DI-01  1.0000000
## 8539   GATA3 TCGA-GM-A2DI-01  0.0000000
## 8540     TTN TCGA-GM-A2DI-01  0.0000000
## 8541   MUC16 TCGA-GM-A2DK-01  0.0000000
## 8542    MLL3 TCGA-GM-A2DK-01  0.0000000
## 8543   MAP3K1 TCGA-GM-A2DK-01  0.0000000
## 8544    TP53 TCGA-GM-A2DK-01  0.0000000
## 8545 CROCCP2 TCGA-GM-A2DK-01  0.0000000
## 8546    MUC4 TCGA-GM-A2DK-01  0.0000000
## 8547    CDH1 TCGA-GM-A2DK-01  0.0000000
## 8548  PIK3CA TCGA-GM-A2DK-01  0.0000000
## 8549   GATA3 TCGA-GM-A2DK-01  0.0000000
## 8550     TTN TCGA-GM-A2DK-01  0.0000000
## 8551   MUC16 TCGA-GM-A2DL-01  0.0000000
## 8552    MLL3 TCGA-GM-A2DL-01  0.0000000
## 8553   MAP3K1 TCGA-GM-A2DL-01  0.0000000
## 8554    TP53 TCGA-GM-A2DL-01  1.0000000
## 8555 CROCCP2 TCGA-GM-A2DL-01  0.0000000
## 8556    MUC4 TCGA-GM-A2DL-01  0.0000000
## 8557    CDH1 TCGA-GM-A2DL-01  0.0000000
## 8558  PIK3CA TCGA-GM-A2DL-01  0.0000000
## 8559   GATA3 TCGA-GM-A2DL-01  0.0000000
## 8560     TTN TCGA-GM-A2DL-01  0.0000000
## 8561   MUC16 TCGA-GM-A2DM-01  0.0000000
## 8562    MLL3 TCGA-GM-A2DM-01  0.0000000
## 8563   MAP3K1 TCGA-GM-A2DM-01  0.0000000
## 8564    TP53 TCGA-GM-A2DM-01  0.0000000
## 8565 CROCCP2 TCGA-GM-A2DM-01  0.0000000
## 8566    MUC4 TCGA-GM-A2DM-01  0.0000000
## 8567    CDH1 TCGA-GM-A2DM-01  0.0000000
## 8568  PIK3CA TCGA-GM-A2DM-01  0.0000000
## 8569   GATA3 TCGA-GM-A2DM-01  1.0000000
## 8570     TTN TCGA-GM-A2DM-01  0.0000000
## 8571   MUC16 TCGA-GM-A2DN-01  0.0000000
## 8572    MLL3 TCGA-GM-A2DN-01  0.0000000
## 8573   MAP3K1 TCGA-GM-A2DN-01  0.0000000
## 8574    TP53 TCGA-GM-A2DN-01  0.0000000
## 8575 CROCCP2 TCGA-GM-A2DN-01  0.0000000
## 8576    MUC4 TCGA-GM-A2DN-01  0.0000000
## 8577    CDH1 TCGA-GM-A2DN-01  0.0000000
## 8578  PIK3CA TCGA-GM-A2DN-01  0.0000000
## 8579   GATA3 TCGA-GM-A2DN-01  1.0000000
## 8580     TTN TCGA-GM-A2DN-01  0.0000000
## 8581   MUC16 TCGA-GM-A2DO-01  0.0000000
## 8582    MLL3 TCGA-GM-A2DO-01  0.0000000
## 8583   MAP3K1 TCGA-GM-A2DO-01  0.0000000
## 8584    TP53 TCGA-GM-A2DO-01  0.0000000
## 8585 CROCCP2 TCGA-GM-A2DO-01  0.0000000
## 8586    MUC4 TCGA-GM-A2DO-01  0.0000000
## 8587    CDH1 TCGA-GM-A2DO-01  1.0000000
```

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## 8588   PIK3CA TCGA-GM-A2DO-01  0.0000000
## 8589    GATA3 TCGA-GM-A2DO-01  0.0000000
## 8590      TTN TCGA-GM-A2DO-01  0.0000000
## 8591    MUC16 TCGA-GM-A3NW-01  1.0000000
## 8592     MLL3 TCGA-GM-A3NW-01  0.0000000
## 8593   MAP3K1 TCGA-GM-A3NW-01  0.0000000
## 8594     TP53 TCGA-GM-A3NW-01  0.0000000
## 8595  CROCCP2 TCGA-GM-A3NW-01  0.0000000
## 8596     MUC4 TCGA-GM-A3NW-01  0.0000000
## 8597     CDH1 TCGA-GM-A3NW-01  0.0000000
## 8598   PIK3CA TCGA-GM-A3NW-01  1.0000000
## 8599    GATA3 TCGA-GM-A3NW-01  0.0000000
## 8600      TTN TCGA-GM-A3NW-01  0.0000000
## 8601    MUC16 TCGA-GM-A3NY-01  0.0000000
## 8602     MLL3 TCGA-GM-A3NY-01  0.0000000
## 8603   MAP3K1 TCGA-GM-A3NY-01  0.0000000
## 8604     TP53 TCGA-GM-A3NY-01  0.0000000
## 8605  CROCCP2 TCGA-GM-A3NY-01  0.0000000
## 8606     MUC4 TCGA-GM-A3NY-01  0.0000000
## 8607     CDH1 TCGA-GM-A3NY-01  0.0000000
## 8608   PIK3CA TCGA-GM-A3NY-01  1.0000000
## 8609    GATA3 TCGA-GM-A3NY-01  0.0000000
## 8610      TTN TCGA-GM-A3NY-01  0.0000000
## 8611    MUC16 TCGA-GM-A3XG-01  0.0000000
## 8612     MLL3 TCGA-GM-A3XG-01  0.0000000
## 8613   MAP3K1 TCGA-GM-A3XG-01  0.0000000
## 8614     TP53 TCGA-GM-A3XG-01  0.0000000
## 8615  CROCCP2 TCGA-GM-A3XG-01  0.0000000
## 8616     MUC4 TCGA-GM-A3XG-01  0.0000000
## 8617     CDH1 TCGA-GM-A3XG-01  0.0000000
## 8618   PIK3CA TCGA-GM-A3XG-01  0.0000000
## 8619    GATA3 TCGA-GM-A3XG-01  0.0000000
## 8620      TTN TCGA-GM-A3XG-01  0.0000000
## 8621    MUC16 TCGA-GM-A3XL-01  0.0000000
## 8622     MLL3 TCGA-GM-A3XL-01  0.0000000
## 8623   MAP3K1 TCGA-GM-A3XL-01  0.0000000
## 8624     TP53 TCGA-GM-A3XL-01  1.0000000
## 8625  CROCCP2 TCGA-GM-A3XL-01  0.0000000
## 8626     MUC4 TCGA-GM-A3XL-01  1.0000000
## 8627     CDH1 TCGA-GM-A3XL-01  0.0000000
## 8628   PIK3CA TCGA-GM-A3XL-01  0.0000000
## 8629    GATA3 TCGA-GM-A3XL-01  0.0000000
## 8630      TTN TCGA-GM-A3XL-01  0.0000000
## 8631    MUC16 TCGA-GM-A3XN-01  0.0000000
## 8632     MLL3 TCGA-GM-A3XN-01  0.0000000
## 8633   MAP3K1 TCGA-GM-A3XN-01  0.0000000
## 8634     TP53 TCGA-GM-A3XN-01  0.0000000
## 8635  CROCCP2 TCGA-GM-A3XN-01  0.0000000
## 8636     MUC4 TCGA-GM-A3XN-01  0.0000000
## 8637     CDH1 TCGA-GM-A3XN-01  1.0000000
## 8638   PIK3CA TCGA-GM-A3XN-01  1.0000000
## 8639    GATA3 TCGA-GM-A3XN-01  0.0000000
## 8640      TTN TCGA-GM-A3XN-01  0.0000000
## 8641    MUC16 TCGA-GM-A4E0-01  0.0000000
```

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## 8642    MLL3 TCGA-GM-A4E0-01  0.0000000
## 8643  MAP3K1 TCGA-GM-A4E0-01  0.0000000
## 8644    TP53 TCGA-GM-A4E0-01  0.0000000
## 8645 CROCCP2 TCGA-GM-A4E0-01  0.0000000
## 8646    MUC4 TCGA-GM-A4E0-01  0.0000000
## 8647    CDH1 TCGA-GM-A4E0-01  1.0000000
## 8648  PIK3CA TCGA-GM-A4E0-01  0.0000000
## 8649   GATA3 TCGA-GM-A4E0-01  0.0000000
## 8650     TTN TCGA-GM-A4E0-01  0.0000000
## 8651   MUC16 TCGA-GM-A5PV-01  0.0000000
## 8652    MLL3 TCGA-GM-A5PV-01  0.0000000
## 8653  MAP3K1 TCGA-GM-A5PV-01  0.0000000
## 8654    TP53 TCGA-GM-A5PV-01  0.0000000
## 8655 CROCCP2 TCGA-GM-A5PV-01  0.0000000
## 8656    MUC4 TCGA-GM-A5PV-01  0.0000000
## 8657    CDH1 TCGA-GM-A5PV-01  1.0000000
## 8658  PIK3CA TCGA-GM-A5PV-01  0.0000000
## 8659   GATA3 TCGA-GM-A5PV-01  0.0000000
## 8660     TTN TCGA-GM-A5PV-01  0.0000000
## 8661   MUC16 TCGA-GM-A5PX-01  0.0000000
## 8662    MLL3 TCGA-GM-A5PX-01  0.0000000
## 8663  MAP3K1 TCGA-GM-A5PX-01  0.0000000
## 8664    TP53 TCGA-GM-A5PX-01  0.0000000
## 8665 CROCCP2 TCGA-GM-A5PX-01  0.0000000
## 8666    MUC4 TCGA-GM-A5PX-01  0.0000000
## 8667    CDH1 TCGA-GM-A5PX-01  1.0000000
## 8668  PIK3CA TCGA-GM-A5PX-01  0.0000000
## 8669   GATA3 TCGA-GM-A5PX-01  0.0000000
## 8670     TTN TCGA-GM-A5PX-01  0.0000000
## 8671   MUC16 TCGA-HN-A2NL-01  0.0000000
## 8672    MLL3 TCGA-HN-A2NL-01  0.0000000
## 8673  MAP3K1 TCGA-HN-A2NL-01  0.0000000
## 8674    TP53 TCGA-HN-A2NL-01  0.0000000
## 8675 CROCCP2 TCGA-HN-A2NL-01  0.0000000
## 8676    MUC4 TCGA-HN-A2NL-01  0.0000000
## 8677    CDH1 TCGA-HN-A2NL-01  0.0000000
## 8678  PIK3CA TCGA-HN-A2NL-01  0.0000000
## 8679   GATA3 TCGA-HN-A2NL-01  0.0000000
## 8680     TTN TCGA-HN-A2NL-01  1.0000000
## 8681   MUC16 TCGA-HN-A2OB-01  0.0000000
## 8682    MLL3 TCGA-HN-A2OB-01  0.0000000
## 8683  MAP3K1 TCGA-HN-A2OB-01  0.0000000
## 8684    TP53 TCGA-HN-A2OB-01  0.0000000
## 8685 CROCCP2 TCGA-HN-A2OB-01  0.0000000
## 8686    MUC4 TCGA-HN-A2OB-01  0.0000000
## 8687    CDH1 TCGA-HN-A2OB-01  0.0000000
## 8688  PIK3CA TCGA-HN-A2OB-01  1.0000000
## 8689   GATA3 TCGA-HN-A2OB-01  0.0000000
## 8690     TTN TCGA-HN-A2OB-01  0.0000000
## 8691   MUC16 TCGA-JL-A3YW-01  1.0000000
## 8692    MLL3 TCGA-JL-A3YW-01  0.0000000
## 8693  MAP3K1 TCGA-JL-A3YW-01  0.0000000
## 8694    TP53 TCGA-JL-A3YW-01  1.0000000
## 8695 CROCCP2 TCGA-JL-A3YW-01  0.0000000
```

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## 8696    MUC4 TCGA-JL-A3YW-01  0.0000000
## 8697    CDH1 TCGA-JL-A3YW-01  0.0000000
## 8698  PIK3CA TCGA-JL-A3YW-01  0.0000000
## 8699   GATA3 TCGA-JL-A3YW-01  0.0000000
## 8700     TTN TCGA-JL-A3YW-01  0.0000000
## 8701   MUC16 TCGA-JL-A3YX-01  0.0000000
## 8702    MLL3 TCGA-JL-A3YX-01  0.0000000
## 8703   MAP3K1 TCGA-JL-A3YX-01  1.0000000
## 8704    TP53 TCGA-JL-A3YX-01  0.0000000
## 8705 CROCCP2 TCGA-JL-A3YX-01  0.0000000
## 8706    MUC4 TCGA-JL-A3YX-01  0.0000000
## 8707    CDH1 TCGA-JL-A3YX-01  0.0000000
## 8708  PIK3CA TCGA-JL-A3YX-01  1.0000000
## 8709   GATA3 TCGA-JL-A3YX-01  0.0000000
## 8710     TTN TCGA-JL-A3YX-01  0.0000000
## 8711   MUC16 TCGA-LL-A440-01  0.0000000
## 8712    MLL3 TCGA-LL-A440-01  0.0000000
## 8713  MAP3K1 TCGA-LL-A440-01  0.0000000
## 8714    TP53 TCGA-LL-A440-01  0.0000000
## 8715 CROCCP2 TCGA-LL-A440-01  0.0000000
## 8716    MUC4 TCGA-LL-A440-01  0.0000000
## 8717    CDH1 TCGA-LL-A440-01  0.0000000
## 8718  PIK3CA TCGA-LL-A440-01  0.0000000
## 8719   GATA3 TCGA-LL-A440-01  0.0000000
## 8720     TTN TCGA-LL-A440-01  0.0000000
## 8721   MUC16 TCGA-LL-A441-01  0.0000000
## 8722    MLL3 TCGA-LL-A441-01  0.0000000
## 8723  MAP3K1 TCGA-LL-A441-01  0.0000000
## 8724    TP53 TCGA-LL-A441-01  0.0000000
## 8725 CROCCP2 TCGA-LL-A441-01  0.0000000
## 8726    MUC4 TCGA-LL-A441-01  0.0000000
## 8727    CDH1 TCGA-LL-A441-01  0.0000000
## 8728  PIK3CA TCGA-LL-A441-01  0.0000000
## 8729   GATA3 TCGA-LL-A441-01  0.0000000
## 8730     TTN TCGA-LL-A441-01  0.0000000
## 8731   MUC16 TCGA-LL-A5YL-01  0.0000000
## 8732    MLL3 TCGA-LL-A5YL-01  0.0000000
## 8733  MAP3K1 TCGA-LL-A5YL-01  0.0000000
## 8734    TP53 TCGA-LL-A5YL-01  0.0000000
## 8735 CROCCP2 TCGA-LL-A5YL-01  0.0000000
## 8736    MUC4 TCGA-LL-A5YL-01  0.0000000
## 8737    CDH1 TCGA-LL-A5YL-01  0.0000000
## 8738  PIK3CA TCGA-LL-A5YL-01  0.0000000
## 8739   GATA3 TCGA-LL-A5YL-01  0.0000000
## 8740     TTN TCGA-LL-A5YL-01  0.0000000
## 8741   MUC16 TCGA-LL-A5YN-01  0.0000000
## 8742    MLL3 TCGA-LL-A5YN-01  0.0000000
## 8743  MAP3K1 TCGA-LL-A5YN-01  0.0000000
## 8744    TP53 TCGA-LL-A5YN-01  0.0000000
## 8745 CROCCP2 TCGA-LL-A5YN-01  0.0000000
## 8746    MUC4 TCGA-LL-A5YN-01  0.0000000
## 8747    CDH1 TCGA-LL-A5YN-01  0.0000000
## 8748  PIK3CA TCGA-LL-A5YN-01  1.0000000
## 8749   GATA3 TCGA-LL-A5YN-01  0.0000000
```

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## 8750     TTN TCGA-LL-A5YN-01  0.0000000
## 8751   MUC16 TCGA-LL-A5YO-01  0.0000000
## 8752    MLL3 TCGA-LL-A5YO-01  0.0000000
## 8753  MAP3K1 TCGA-LL-A5YO-01  0.0000000
## 8754    TP53 TCGA-LL-A5YO-01  1.0000000
## 8755 CROCCP2 TCGA-LL-A5YO-01  0.0000000
## 8756    MUC4 TCGA-LL-A5YO-01  0.0000000
## 8757    CDH1 TCGA-LL-A5YO-01  0.0000000
## 8758  PIK3CA TCGA-LL-A5YO-01  0.0000000
## 8759   GATA3 TCGA-LL-A5YO-01  0.0000000
## 8760     TTN TCGA-LL-A5YO-01  0.0000000
## 8761   MUC16 TCGA-LL-A5YP-01  0.0000000
## 8762    MLL3 TCGA-LL-A5YP-01  0.0000000
## 8763  MAP3K1 TCGA-LL-A5YP-01  0.0000000
## 8764    TP53 TCGA-LL-A5YP-01  1.0000000
## 8765 CROCCP2 TCGA-LL-A5YP-01  0.0000000
## 8766    MUC4 TCGA-LL-A5YP-01  0.0000000
## 8767    CDH1 TCGA-LL-A5YP-01  0.0000000
## 8768  PIK3CA TCGA-LL-A5YP-01  0.0000000
## 8769   GATA3 TCGA-LL-A5YP-01  0.0000000
## 8770     TTN TCGA-LL-A5YP-01  0.0000000
## 8771   MUC16 TCGA-LQ-A4E4-01  0.0000000
## 8772    MLL3 TCGA-LQ-A4E4-01  0.0000000
## 8773  MAP3K1 TCGA-LQ-A4E4-01  0.0000000
## 8774    TP53 TCGA-LQ-A4E4-01  0.0000000
## 8775 CROCCP2 TCGA-LQ-A4E4-01  0.0000000
## 8776    MUC4 TCGA-LQ-A4E4-01  0.0000000
## 8777    CDH1 TCGA-LQ-A4E4-01  1.0000000
## 8778  PIK3CA TCGA-LQ-A4E4-01  1.0000000
## 8779   GATA3 TCGA-LQ-A4E4-01  0.0000000
## 8780     TTN TCGA-LQ-A4E4-01  0.0000000
## 8781   MUC16 TCGA-MS-A51U-01  0.0000000
## 8782    MLL3 TCGA-MS-A51U-01  0.0000000
## 8783  MAP3K1 TCGA-MS-A51U-01  0.0000000
## 8784    TP53 TCGA-MS-A51U-01  0.0000000
## 8785 CROCCP2 TCGA-MS-A51U-01  0.0000000
## 8786    MUC4 TCGA-MS-A51U-01  0.0000000
## 8787    CDH1 TCGA-MS-A51U-01  1.0000000
## 8788  PIK3CA TCGA-MS-A51U-01  1.0000000
## 8789   GATA3 TCGA-MS-A51U-01  0.0000000
## 8790     TTN TCGA-MS-A51U-01  0.0000000
## 8791   MUC16 TCGA-OK-A5Q2-01  0.0000000
## 8792    MLL3 TCGA-OK-A5Q2-01  0.0000000
## 8793  MAP3K1 TCGA-OK-A5Q2-01  1.0000000
## 8794    TP53 TCGA-OK-A5Q2-01  0.0000000
## 8795 CROCCP2 TCGA-OK-A5Q2-01  0.0000000
## 8796    MUC4 TCGA-OK-A5Q2-01  0.0000000
## 8797    CDH1 TCGA-OK-A5Q2-01  0.0000000
## 8798  PIK3CA TCGA-OK-A5Q2-01  1.0000000
## 8799   GATA3 TCGA-OK-A5Q2-01  0.0000000
## 8800     TTN TCGA-OK-A5Q2-01  0.0000000
## 8801   MUC16 TCGA-OL-A5D6-01  0.0000000
## 8802    MLL3 TCGA-OL-A5D6-01  0.0000000
## 8803  MAP3K1 TCGA-OL-A5D6-01  0.0000000
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## 8804    TP53 TCGA-OL-A5D6-01  1.0000000
## 8805 CROCCP2 TCGA-OL-A5D6-01  0.0000000
## 8806    MUC4 TCGA-OL-A5D6-01  0.0000000
## 8807    CDH1 TCGA-OL-A5D6-01  0.0000000
## 8808  PIK3CA TCGA-OL-A5D6-01  1.0000000
## 8809   GATA3 TCGA-OL-A5D6-01  0.0000000
## 8810     TTN TCGA-OL-A5D6-01  1.0000000
## 8811   MUC16 TCGA-OL-A5D7-01  0.0000000
## 8812    MLL3 TCGA-OL-A5D7-01  0.0000000
## 8813   MAP3K1 TCGA-OL-A5D7-01 0.0000000
## 8814    TP53 TCGA-OL-A5D7-01  1.0000000
## 8815 CROCCP2 TCGA-OL-A5D7-01  0.0000000
## 8816    MUC4 TCGA-OL-A5D7-01  0.0000000
## 8817    CDH1 TCGA-OL-A5D7-01  0.0000000
## 8818  PIK3CA TCGA-OL-A5D7-01  0.0000000
## 8819   GATA3 TCGA-OL-A5D7-01  0.0000000
## 8820     TTN TCGA-OL-A5D7-01  1.0000000
## 8821   MUC16 TCGA-OL-A5D8-01  0.0000000
## 8822    MLL3 TCGA-OL-A5D8-01  0.0000000
## 8823   MAP3K1 TCGA-OL-A5D8-01 0.0000000
## 8824    TP53 TCGA-OL-A5D8-01  0.0000000
## 8825 CROCCP2 TCGA-OL-A5D8-01  0.0000000
## 8826    MUC4 TCGA-OL-A5D8-01  0.0000000
## 8827    CDH1 TCGA-OL-A5D8-01  0.0000000
## 8828  PIK3CA TCGA-OL-A5D8-01  0.0000000
## 8829   GATA3 TCGA-OL-A5D8-01  1.0000000
## 8830     TTN TCGA-OL-A5D8-01  1.0000000
## 8831   MUC16 TCGA-OL-A5DA-01  1.0000000
## 8832    MLL3 TCGA-OL-A5DA-01  0.0000000
## 8833   MAP3K1 TCGA-OL-A5DA-01 0.0000000
## 8834    TP53 TCGA-OL-A5DA-01  0.0000000
## 8835 CROCCP2 TCGA-OL-A5DA-01  0.0000000
## 8836    MUC4 TCGA-OL-A5DA-01  0.0000000
## 8837    CDH1 TCGA-OL-A5DA-01  1.0000000
## 8838  PIK3CA TCGA-OL-A5DA-01  1.0000000
## 8839   GATA3 TCGA-OL-A5DA-01  0.0000000
## 8840     TTN TCGA-OL-A5DA-01  0.0000000
## 8841   MUC16 TCGA-OL-A5RU-01  0.0000000
## 8842    MLL3 TCGA-OL-A5RU-01  0.0000000
## 8843   MAP3K1 TCGA-OL-A5RU-01 0.0000000
## 8844    TP53 TCGA-OL-A5RU-01  0.0000000
## 8845 CROCCP2 TCGA-OL-A5RU-01  0.0000000
## 8846    MUC4 TCGA-OL-A5RU-01  0.0000000
## 8847    CDH1 TCGA-OL-A5RU-01  0.0000000
## 8848  PIK3CA TCGA-OL-A5RU-01  0.0000000
## 8849   GATA3 TCGA-OL-A5RU-01  0.0000000
## 8850     TTN TCGA-OL-A5RU-01  0.0000000
## 8851   MUC16 TCGA-OL-A5RV-01  0.0000000
## 8852    MLL3 TCGA-OL-A5RV-01  0.0000000
## 8853   MAP3K1 TCGA-OL-A5RV-01 0.0000000
## 8854    TP53 TCGA-OL-A5RV-01  0.0000000
## 8855 CROCCP2 TCGA-OL-A5RV-01  0.0000000
## 8856    MUC4 TCGA-OL-A5RV-01  0.0000000
## 8857    CDH1 TCGA-OL-A5RV-01  1.0000000
```

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## 8858  PIK3CA TCGA-OL-A5RV-01  0.0000000
## 8859   GATA3 TCGA-OL-A5RV-01  0.0000000
## 8860     TTN TCGA-OL-A5RV-01  0.0000000
## 8861   MUC16 TCGA-OL-A5RW-01  0.0000000
## 8862    MLL3 TCGA-OL-A5RW-01  0.0000000
## 8863  MAP3K1 TCGA-OL-A5RW-01  0.0000000
## 8864    TP53 TCGA-OL-A5RW-01  1.0000000
## 8865 CROCCP2 TCGA-OL-A5RW-01  0.0000000
## 8866    MUC4 TCGA-OL-A5RW-01  0.0000000
## 8867    CDH1 TCGA-OL-A5RW-01  0.0000000
## 8868  PIK3CA TCGA-OL-A5RW-01  0.0000000
## 8869   GATA3 TCGA-OL-A5RW-01  0.0000000
## 8870     TTN TCGA-OL-A5RW-01  0.0000000
## 8871   MUC16 TCGA-OL-A5RX-01  0.0000000
## 8872    MLL3 TCGA-OL-A5RX-01  1.0000000
## 8873  MAP3K1 TCGA-OL-A5RX-01  0.0000000
## 8874    TP53 TCGA-OL-A5RX-01  0.0000000
## 8875 CROCCP2 TCGA-OL-A5RX-01  0.0000000
## 8876    MUC4 TCGA-OL-A5RX-01  0.0000000
## 8877    CDH1 TCGA-OL-A5RX-01  0.0000000
## 8878  PIK3CA TCGA-OL-A5RX-01  1.0000000
## 8879   GATA3 TCGA-OL-A5RX-01  1.0000000
## 8880     TTN TCGA-OL-A5RX-01  0.0000000
## 8881   MUC16 TCGA-OL-A5RY-01  0.0000000
## 8882    MLL3 TCGA-OL-A5RY-01  0.0000000
## 8883  MAP3K1 TCGA-OL-A5RY-01  0.0000000
## 8884    TP53 TCGA-OL-A5RY-01  1.0000000
## 8885 CROCCP2 TCGA-OL-A5RY-01  0.0000000
## 8886    MUC4 TCGA-OL-A5RY-01  0.0000000
## 8887    CDH1 TCGA-OL-A5RY-01  0.0000000
## 8888  PIK3CA TCGA-OL-A5RY-01  0.0000000
## 8889   GATA3 TCGA-OL-A5RY-01  0.0000000
## 8890     TTN TCGA-OL-A5RY-01  0.0000000
## 8891   MUC16 TCGA-OL-A5RZ-01  0.0000000
## 8892    MLL3 TCGA-OL-A5RZ-01  0.0000000
## 8893  MAP3K1 TCGA-OL-A5RZ-01  0.0000000
## 8894    TP53 TCGA-OL-A5RZ-01  0.0000000
## 8895 CROCCP2 TCGA-OL-A5RZ-01  0.0000000
## 8896    MUC4 TCGA-OL-A5RZ-01  0.0000000
## 8897    CDH1 TCGA-OL-A5RZ-01  0.0000000
## 8898  PIK3CA TCGA-OL-A5RZ-01  0.0000000
## 8899   GATA3 TCGA-OL-A5RZ-01  0.0000000
## 8900     TTN TCGA-OL-A5RZ-01  0.0000000
## 8901   MUC16 TCGA-OL-A5S0-01  1.0000000
## 8902    MLL3 TCGA-OL-A5S0-01  0.0000000
## 8903  MAP3K1 TCGA-OL-A5S0-01  0.0000000
## 8904    TP53 TCGA-OL-A5S0-01  0.0000000
## 8905 CROCCP2 TCGA-OL-A5S0-01  0.0000000
## 8906    MUC4 TCGA-OL-A5S0-01  0.0000000
## 8907    CDH1 TCGA-OL-A5S0-01  0.0000000
## 8908  PIK3CA TCGA-OL-A5S0-01  1.0000000
## 8909   GATA3 TCGA-OL-A5S0-01  0.0000000
## 8910     TTN TCGA-OL-A5S0-01  0.0000000
## 8911   MUC16 TCGA-OL-A66H-01  0.0000000
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## 8912    MLL3 TCGA-OL-A66H-01  1.0000000
## 8913  MAP3K1 TCGA-OL-A66H-01  0.0000000
## 8914    TP53 TCGA-OL-A66H-01  0.0000000
## 8915 CROCCP2 TCGA-OL-A66H-01  0.0000000
## 8916    MUC4 TCGA-OL-A66H-01  0.0000000
## 8917    CDH1 TCGA-OL-A66H-01  0.0000000
## 8918  PIK3CA TCGA-OL-A66H-01  0.0000000
## 8919   GATA3 TCGA-OL-A66H-01  0.0000000
## 8920     TTN TCGA-OL-A66H-01  0.0000000
## 8921   MUC16 TCGA-OL-A66I-01  0.0000000
## 8922    MLL3 TCGA-OL-A66I-01  0.0000000
## 8923  MAP3K1 TCGA-OL-A66I-01  0.0000000
## 8924    TP53 TCGA-OL-A66I-01  1.0000000
## 8925 CROCCP2 TCGA-OL-A66I-01  0.0000000
## 8926    MUC4 TCGA-OL-A66I-01  0.0000000
## 8927    CDH1 TCGA-OL-A66I-01  0.0000000
## 8928  PIK3CA TCGA-OL-A66I-01  0.0000000
## 8929   GATA3 TCGA-OL-A66I-01  0.0000000
## 8930     TTN TCGA-OL-A66I-01  0.0000000
## 8931   MUC16 TCGA-OL-A66K-01  0.0000000
## 8932    MLL3 TCGA-OL-A66K-01  0.0000000
## 8933  MAP3K1 TCGA-OL-A66K-01  0.0000000
## 8934    TP53 TCGA-OL-A66K-01  0.0000000
## 8935 CROCCP2 TCGA-OL-A66K-01  0.0000000
## 8936    MUC4 TCGA-OL-A66K-01  0.0000000
## 8937    CDH1 TCGA-OL-A66K-01  1.0000000
## 8938  PIK3CA TCGA-OL-A66K-01  0.0000000
## 8939   GATA3 TCGA-OL-A66K-01  1.0000000
## 8940     TTN TCGA-OL-A66K-01  0.0000000
## 8941   MUC16 TCGA-PE-A5DC-01  0.0000000
## 8942    MLL3 TCGA-PE-A5DC-01  0.0000000
## 8943  MAP3K1 TCGA-PE-A5DC-01  0.0000000
## 8944    TP53 TCGA-PE-A5DC-01  0.0000000
## 8945 CROCCP2 TCGA-PE-A5DC-01  0.0000000
## 8946    MUC4 TCGA-PE-A5DC-01  0.0000000
## 8947    CDH1 TCGA-PE-A5DC-01  0.0000000
## 8948  PIK3CA TCGA-PE-A5DC-01  0.0000000
## 8949   GATA3 TCGA-PE-A5DC-01  0.0000000
## 8950     TTN TCGA-PE-A5DC-01  0.0000000
## 8951   MUC16 TCGA-PE-A5DD-01  0.0000000
## 8952    MLL3 TCGA-PE-A5DD-01  0.0000000
## 8953  MAP3K1 TCGA-PE-A5DD-01  0.0000000
## 8954    TP53 TCGA-PE-A5DD-01  0.0000000
## 8955 CROCCP2 TCGA-PE-A5DD-01  0.0000000
## 8956    MUC4 TCGA-PE-A5DD-01  1.0000000
## 8957    CDH1 TCGA-PE-A5DD-01  1.0000000
## 8958  PIK3CA TCGA-PE-A5DD-01  1.0000000
## 8959   GATA3 TCGA-PE-A5DD-01  0.0000000
## 8960     TTN TCGA-PE-A5DD-01  0.0000000
## 8961   MUC16 TCGA-PE-A5DE-01  0.0000000
## 8962    MLL3 TCGA-PE-A5DE-01  0.0000000
## 8963  MAP3K1 TCGA-PE-A5DE-01  0.0000000
## 8964    TP53 TCGA-PE-A5DE-01  1.0000000
## 8965 CROCCP2 TCGA-PE-A5DE-01  0.0000000
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## 8966    MUC4 TCGA-PE-A5DE-01  0.0000000
## 8967    CDH1 TCGA-PE-A5DE-01  1.0000000
## 8968  PIK3CA TCGA-PE-A5DE-01  1.0000000
## 8969   GATA3 TCGA-PE-A5DE-01  0.0000000
## 8970     TTN TCGA-PE-A5DE-01  1.0000000
```