

| | DNMT3A | KMT2C | TET1 | SF3B1 | GRIN2A | TET2 | SPEN | AMER1 | ESR1 | AR | EPHA7 | APC | ATR | CBL | MTOR | NF1 | ATM | PTPRD | TP53 | KEAP1 | CREBBP | DICER1 | MSH2 | PIK3CA | SUZ12 | BRCA2 | MLH1 | EPHA3 | PTPRS | SMARCA4 | STAG2 | ARID2 | CARD11 | FLT1 | NTRK3 | PIK3C2G | ZFHX3 | AXIN1 | FLT3 | AKT3 | ASXL1 | |
|----------------------|--------|-------|------|-------|--------|------|------|-------|------|----|-------|-----|-----|-----|------|-----|-----|-------|------|-------|--------|--------|------|--------|-------|-------|------|-------|-------|---------|-------|-------|--------|------|-------|---------|-------|-------|------|------|-------|---|
| Control (n = 47) | 3 | 1 | 1 | 3 | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Breast (n = 34) | 1 | 2 | 3 | 2 | 1 | 0 | 1 | 3 | 3 | 0 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | |
| Lung (n = 39) | 4 | 2 | 0 | 0 | 3 | 2 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| Prostate (n = 41) | 1 | 3 | 3 | 2 | 1 | 1 | 5 | 1 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | |