### 68 Lung Cancer-Related Gene List

| AKT | ALK | APC | AR | ARAF |
|-----|-----|-----|----|------|
| ATM | AXT | BCL2L11 | BRAF | BRCA1 |
| BRCA2 | CCND1 | CD74 | CDK4 | CDK6 |
| CDKN2A | CTNNB1 | CYP2D6 | DDR2 | DPYD |
| EGFR | ERBB2 | ERBB3 | ERBB4 | ESR1 |
| FGFR19 | FGF3 | FGF4 | FGFR1 | FGFR2 |
| FGFR3 | FLT3 | HRAS | IDH1 | IDH2 |
| IGF1R | JAK1 | JAK2 | KDR | KIT |
| KRAS | MAP2K1 | MET | MTOR | MYC |
| NF1 | NOTCH1 | NRAS | NRG1 | NTRK1 |
| NTRK2 | NTRK3 | PDGFRA | PIK3CA | PTCH1 |
| PTEN | RAF1 | RB1 | RET | ROS1 |
| SMAD4 | SMO | STK11 | TOP2A | TP53 |
| TSC1 | TSC2 | UCT1A1 |    |      |

### Fusion Gene List

| ALK | FGFR1 | FGFR3 | NRG1 | NTRK1 |
|-----|-------|-------|------|-------|
| RET | ROS1 |       |      |       |