|   |   |
|---|---|
| Supplementary Table 1. The gene list of the 605-gene panel used for somatic variation sequencing in this study |   |

| Gene Symbol |   |
|-------------|---|
| ARB1        |   |
| BCL2L1      |   |
| CDKN2C      |   |
| EGF         |   |
| FGFR3       |   |
| GSK         |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |
| ARBCC1      |   |
| BCL6        |   |
| CEBPA       |   |
| EGRF        |   |
| FGFR3       |   |
| GSKA        |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |
| ARBCC1      |   |
| BCL6        |   |
| CEBPA       |   |
| EGRF        |   |
| FGFR3       |   |
| GSKA        |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |
| ARBCC1      |   |
| BCL6        |   |
| CEBPA       |   |
| EGRF        |   |
| FGFR3       |   |
| GSKA        |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |
| ARBCC1      |   |
| BCL6        |   |
| CEBPA       |   |
| EGRF        |   |
| FGFR3       |   |
| GSKA        |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |
| ARBCC1      |   |
| BCL6        |   |
| CEBPA       |   |
| EGRF        |   |
| FGFR3       |   |
| GSKA        |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |
| ARBCC1      |   |
| BCL6        |   |
| CEBPA       |   |
| EGRF        |   |
| FGFR3       |   |
| GSKA        |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |
| ARBCC1      |   |
| BCL6        |   |
| CEBPA       |   |
| EGRF        |   |
| FGFR3       |   |
| GSKA        |   |
| KDM5C       |   |
| MLH3        |   |
| PARD3       |   |
| PTPN11      |   |
| SEMA3C      |   |
| TERC        |   |
| ZBTB16      |   |