**Supplementary Table 1. Detailed molecular alterations of tissue NGS.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene** | **Tier** | **Single nucleotide variants (SNV)** | **Exon** | **Variant allele frequency (VAF)** |
| TP53 | 2 | p.C242S NM\_000546.5 c.724T>A | 7 | 0.686 |
| MUTYH | 2 | p.? NM\_001128425.2 c.934-2A>G | 11 | 0.491 |
| AXIN1 | 2 | p.Y820X NM\_003502.4 c.2460C>G | 10 | 0.649 |
| **Gene** | | **ChrID** | **Alteration** | **Copy number** |
| ***MET*** | | ***chr7*** | ***Amplification*** | ***5.65*** |
| FGFR3 | | chr4 | Amplification | 5.25 |
| BRAF | | chr7 | Amplification | 5.68 |
| KRAS | | chr12 | Amplification | 5.56 |
| KIT | | chr4 | Amplification | 5.45 |
| PTPN11 | | chr12 | Amplification | 5.13 |
| PDGFRA | | chr4 | Amplification | 5.09 |
| CCND1 | | chr11 | Amplification | 5.10 |
| KDR | | chr4 | Amplification | 5.23 |
| RHEB | | chr7 | Amplification | 5.38 |
| SMO | | chr7 | Amplification | 5.38 |
| FGF19 | | chr11 | Amplification | 6.43 |
| FGF3 | | chr11 | Amplification | 6.21 |
| FGF4 | | chr11 | Amplification | 5.70 |
| **Microsatellite Instability (MSI)** | | 0.37  (MSI-Low) | **Tumor Mutation Burden (TMB)** | 5.71  (Mutations/Mb) |