**Supplementary Information Guide for**

**Genome-wide cell-free DNA fragmentation in patients with cancer**

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**Supplementary Tables**

Supplementary Table 1. Summary of patients and samples analyzed.

Supplementary Table 2. Summary of targeted cfDNA analyses.

Supplementary Table 3. Targeted cfDNA fragment analyses in cancer patients.

Supplementary Table 4. Summary of whole genome cfDNA analyses.

Supplementary Table 5. High coverage whole genome cfDNA analyses of healthy individuals and lung cancer patients.

Supplementary Table 6. Monitoring response to therapy using whole genome analyses of cfDNA fragmentation profiles and targeted mutations analyses.

Supplementary Table 7. Whole genome cfDNA analyses in healthy individuals and cancer patients.

Supplementary Table 8. Whole genome cfDNA analyses of chromosomal arm copy number changes.