

Table S1. Summary of the total and post QA/QC number of sequenced reads from each NGS experiment performed. Control: peripheral blood BL209, Cell line: NCI-H209; Xenograft: xenograft sample derived from the NCI-H209 cell line. LX22, LX33 and LX36: SCLC primary xenograft lines LX22, LX33 and LX36. The number of mapped reads for the xenograft samples are human-specific only. PE: pair-ends.

	Exon capture			Whole genome			RNA-Seq		
	Control	Cell line	Xenograft	Control	Cell line	Xenograft	LX22	LX33	LX36
Total reads (no)	58 10 ⁶	66 10 ⁶	82 10 ⁶	66 10 ⁶	75 10 ⁶	78 10 ⁶	54 10 ⁶	86 10 ⁶	89 10 ⁶
Passed QA/QC reads (PE, no.)	52 10 ⁶	59 10 ⁶	74 10 ⁶	55 10 ⁶	65 10 ⁶	68 10 ⁶	47 10 ⁶	78 10 ⁶	80 10 ⁶