

Supplementary table S1: List of primers

CoBRA-PCR	
1. Upper	GTTGGGTGATGYGGYGGTT
2. Upper	GTTTTTTTTTAATTTTAGTTTYGTTTTAGTT
1. and 2. Lower	ATTATACTAAAACCCAAAACCTACCC
Pyrosequencing -PCR	
1. Upper	GTTGGGTGATGYGGYGGTT
2. Upper	GTTTTTTTTTAATTTTAGTTTYGTTTTAGTT
1. and 2. Lower (with biotin tag)	ATTATACTAAAACCCAAAACCTACCC
Expression analysis	
ANXA1	GCAAGAAGGTAGAGATAAAGACACT
	GCGACATCCGAGGATGGATT
NOVA1	GGACCAATACGGGCGAAGAC
	AGACAGCTTGATGGTGGCTC
CCND1	AAGTTGCAAAGTCCTGGAGCC
	GATGGTTTCCACTTCGCAGC
WEE1	CACACGCCAAGAGTTTGC
	CACTTGAGGAGTCTGTGCGCA
GAPDH	TGGAGAAGGCTGGGGCTCAT
	GACCTTGCCAGGGGTGCTA
β -ACTIN	CCTCCTTCCTGGGCATGGAGTC
	CGGAGTACTTGCCTCAGGAGGA
AATK	TGGCCTGGCTCACTGCAAGTACAG
	CCCAGATGGTCACGCCCAGG
Genomic region targeted via CRISPR/CAS9	
gDNA AATK	GGCGGGGAAAGGGTTAATTTC
	CTCCAAGCCCCCTTCTGTGTC

Primer sequences are listed in 5'-3' direction