

Supplementary table 7. Overview of potential exome off-target modifications by CRISPR/Cas9 driver gene targeting.

Target sequence	Targeted gene	Exon	Strand	Position	Off-targets on exons*	Off-target genes	Off-target positions	Base mismatch	Sequence
TGCACGGGTCGGGTGAGAGTGG	CDKN2A	2/3	—	chr9:21971109	1	CDKN2B	chr9:22006149	2	aTGCACcGGTCGGGTGAGAGTGG
CATGGCGGCATGAACCGGAGG	TP53	3/8	+	chr17:7577534	1	NID1	chr1:236143878	3	CCTCCGGTTCgTGCCGICCATGt
ATGTGATCTATGCCCGTCTCTGG	SMAD4	3/12	+	chr18:48575081	0	N/A	N/A	N/A	N/A

* calculated by ChopChop off-target prediction (<https://chopchop.cbu.uib>)