Table EV2. List of genes included in the CRISPR-CAS9 screening.
The list included top candidates from the shRNA whole-genome screening (columns on the left side) and genes codifying for epitopes regulated by AZD8186 treatment and identified by RPPA analysis (last two columns on the right). Genes not reported in bold are those at the edge of inclusion criteria that were still screened using the CRISPR-CAS9-based strategy. In red are highlighted genes that showed up as candidates from both shRNAs screening and RPPA analysis.

candidates shRNA screening						candidates RPPA analysis	
EGFR	DIO2	ZNF202	RAB3B	PIK3CB	SDF2L1	GSK3A	CAV1
RHOG	MAP3K8	S100A6	GREB1	PLK1	ADAT3	GSK3B	ATM
CSNK2B	TSFM	PAPSS2	PAK6	UNKL	DVL3	RPS6KB1	EEF2K
NDNL2	TPSAB1	CLCA2	RNASE7	CDK4	DUSP23	Rictor	PRKAA1
RAB24	INSRR	WNT1	HIST1H2AB	MTOR	ARPC3	PDCD4	PDGFRB
GABARAPL2	NOXA1	YIPF7	FGF3	FANCE	CDC25A	DUSP4	TRIM25
SGK1	RNF145	ERBB4	MCL1	GRIN2A	ZNF653	MDM2	IRF1
GTSE1	THBS3	PROK1	ADCK1	ST6GALNAC1	MSH3	EIF4EBP1	ATG7
GMEB2	ADCY2	RAB11FIP1	NPIPA1	GPHN	SSH1	YBX1	RELA
TIE1	SLC7A1	WDR19	AKAP7	KIF16B	RPTOR	WIPI1	ERBB3
POU5F1	ATG4B	C2CD2L	CCDC64	BET1		NOTCH1	PAK1
CELA3A	C20orf95	HSD11B1L	CHEK1	WWC2		HES1	
OBFC2A	PRPSAP2	KLK8	CXXC4	EPHA8		ACACA	
BTBD12	HMCN2	FRMPD4	FLI1	TMEM209		HIF1A	
ITGAV	ULK1	PLA2G3	GATA6	CSPG4		CDK1	
C1orf27	CHST3	CAMKK1	GNB2	DACH2		CCNB1	
AACS	CTDSP1	MSRB3	HIST1H1A	RAB5A		MUC1	
RRP1B	GNG5	KLK12	INF2	TMEM97		FoxM1	
DNASE1L1	CSNK1E	AUP1	LAMP3	ACOT7		GJA1	
ARF1	SPIN1	NEUROG1	MFSD2A	ITPKA		INSR	