

Table SI. Mutation gene and frequency in 15 patients with SMARCA4-dNSCLC.

Gene name	Mutation frequency	Gene name	Mutation frequency	Gene name	Mutation frequency	Gene name	Mutation frequency
NQO1	9	KEAP1	2	ERBB2	1	NRG1	1
TP53	9	KRAS	2	ERBB3	1	NTRK3	1
XRCC1	7	MED12	2	ERBB4	1	PIK3R1	1
DPYD	6	MYC	2	FANCA	1	PLK1	1
TYMS	5	PIK3R2	2	FANCD2	1	POLE	1
GSTP1	4	POLD1	2	FANCG	1	PPM1D	1
LRP1B	4	PTPN13	2	FBXO11	1	RAC1	1
MTHFR	4	SMAD4	2	FGF19	1	RAF1	1
UGT1A1	4	ALK	1	FLCN	1	RARA	1
ARID1A	3	APC	1	FLT4	1	RB1	1
ERCC1	3	ARAF	1	GNA13	1	RECQL4	1
ERCC2	3	BCL10	1	GRIN2A	1	RET	1
GSTM1	3	BCR	1	IGF1R	1	RUNX1T1	1
GSTT1	3	BRCA2	1	IGF2	1	SDHA	1
ID3	3	CDA	1	JAK2	1	SMARCB1	1
RAD54L	3	CDKN2A	1	KIT	1	STK11	1
TERT	3	CHEK2	1	MAP3K1	1	SUFU	1
BCL2L11	2	CREBBP	1	MLH1	1	TBL1XR1	1
BRAF	2	CTCF	1	NBN	1	TEKT4	1
CCND1	2	CTNNB1	1	NF1	1	TPMT	1
CYP2C19	2	CUL3	1	NFKB1A	1	TSC1	1
FGF19	2	CYP2B6	1	NOTCH1	1	VEGFA	1
GNAS	2	EGFR	1	IGF1R	1	XPC	1