

Appendix 1: Genes included into the 50-gene cancer panel

ABL1	CDH1	ERBB4	FLT3	IDH1	KRAS	NRAS	RET
AKT1	CDKN2A	EZH2	GNA11	JAK2	MET	PDGFRA	SMAD4
ALK	CSF1R	FBXW7	GNAS	JAK3	MLH1	PIK3CA	SMARCB1
APC	CTNNB1	FGFR1	GNAQ	IDH2	MPL	PTEN	SMO
ATM	EGFR	FGFR2	HNF1A	KDR	NOTCH1	PTPN11	SRC
BRAF	ERBB2	FGFR3	HRAS	KIT	NPM1	STK11	TP53
VHL							