

**Table S1. Summary of data on cell lines used in experiments**

	CELL LINE	HOS	Saos-2	HT29	Sw620	RPMI8226	U266
Phenotypic characteristic	Tumor source	primary	primary	primary	metastasis lymph node	primary	primary
	Histology	osteosarcoma	osteosarcoma	colon carcinoma	colon adenocarcinoma	plasmocytoma myeloma	plasmocytoma myeloma
	Morphology	epithelial-like	epithelial-like	epithelial	epithelial	limphoblastic	limphoblastic
	Growth Mode	adherent	adherent	adherent	adherent	non-adherent	non-adherent
	Migration/ Invasiveness ( <i>in vitro</i> )	+++	++	++	+++	+	+
Gene mutation	APC	-	-	+	+	-	-
	BRAF	-	-	+	-	-	+
	CDKN2A	+	-	-	-	-	-
	EGFR	-	-	-	-	+	-
	PIK3CA	-	-	+	-	-	-
	KRAS	-	-	-	+	+	-
	SMAD4	-	-	+	+	-	-
	TP53	+	+	+	+	+	+
	RB1	-	+	-	-	-	+

Abbreviations: APC (Adenomatous polyposis coli), BRAF ( V-Raf Murine Sarcoma Viral Oncogene Homolog B ), TP53 (Tumor protein p53), RB1 (Retinoblastoma1/RB transcriptional corepressor 1), CDKN2A (Cyclin-dependent kinase inhibitor 2A)/tumor suppressor gene.

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