

Supplementary Table 1. Cell lines, cell line-derived xenografts, and patient-derived xenografts used in the study

Sample types	Sample Names	Sources	Fusion status	Injection sites
Cell line	MP4	Dr. T Cripe	PAX3-FOXO1	
Cell line	RH5	Dr. J Khan	PAX3-FOXO1	
Cell line	RH10	Dr. P Houghton	PAX3-FOXO1	
Cell line	RH28	Dr. B Emanuel	PAX3-FOXO1	
Cell line	RH30	ATCC	PAX3-FOXO1	
Cell line	RH41	Dr. C Linardic	PAX3-FOXO1	
Cell line	RD	Dr. L Helman	Fusion-negative	
Cell line	RH6*	Dr. P houghton	Fusion-negative	
Cell line	RH18	Dr. M Tsokos	Fusion-negative	
Cell line	RH36*	Dr. P Houghton	Fusion-negative	
Cell line	SMS-CTR	Dr. C Linardic	Fusion-negative	
Cell line-derived xenograft	RH28 SubC	Dr. C Linardic	PAX3-FOXO1	Subcutaneous
Cell line-derived xenograft	RH28 IntraM	Dr. F Barr	PAX3-FOXO1	Intramuscular
Cell line-derived xenograft	RH30 SubC	Dr. C Linardic	PAX3-FOXO1	Subcutaneous
Cell line-derived xenograft	RH30 IntraM	Dr. F Barr	PAX3-FOXO1	Intramuscular
Cell line-derived xenograft	RH41 IntraM	Dr. L Helman	PAX3-FOXO1	Intramuscular
Cell line-derived xenograft	RH41 IntraM	Dr. F Barr	PAX3-FOXO1	Intramuscular
Cell line-derived xenograft	RH18 IntraM	Dr. L Helman	Fusion-negative	Intramuscular
Cell line-derived xenograft	RD SubC	Dr. C Linardic	Fusion-negative	Subcutaneous
Cell line-derived xenograft	RD IntraM	Dr. F Barr	Fusion-negative	Intramuscular
Cell line-derived xenograft	SMS-CTR IntraM	Dr. F Barr	Fusion-negative	Intramuscular
Cell line-derived xenograft	RH36 IntraM	Dr. L Helman	Fusion-negative	Intramuscular
Patient-derived xenograft	RH10 PDX**	Dr. P Houghton	PAX3-FOXO1	Subcutaneous
Patient-derived xenograft	RH28 PDX**	Dr. P Houghton	PAX3-FOXO1	Subcutaneous
Patient-derived xenograft	RH30 PDX**	Dr. P Houghton	PAX3-FOXO1	Subcutaneous

Supplementary Table 1. (continued)

Sample types	Sample Names	Sources	Fusion status	Injection sites
Patient-derived xenograft	RH41 PDX**	Dr. P Houghton	PAX3-FOXO1	Subcutaneous
Patient-derived xenograft	RH18 PDX**	Dr. P Houghton	Fusion-negative	Subcutaneous
Patient-derived xenograft	RH36 PDX**	Dr. P Houghton	Fusion-negative	Subcutaneous
Patient-derived xenograft	SJRHB010468_X1	St. Jude	PAX7-FOXO1	Intramuscular
Patient-derived xenograft	SJRHB010927_X1	St. Jude	Fusion-negative	Intramuscular
Patient-derived xenograft	SJRHB011_Y	St. Jude	Fusion-negative	Intramuscular
Patient-derived xenograft	SJRHB013757_X2	St. Jude	PAX7-FOXO1	Intramuscular
Patient-derived xenograft	SJRHB013758_X1	St. Jude	Fusion-negative	Intramuscular
Patient-derived xenograft	CTG1008	Champions Oncology	PAX3-FOXO1	Subcutaneous
Patient-derived xenograft	CTG1213	Champions Oncology	Fusion-negative	Subcutaneous
Patient-derived xenograft	CTG1409	Champions Oncology	PAX3-FOXO1	Subcutaneous

Footnote: *derived from the same patient material; **derived from the same patient material in which corresponding cell line or cell line-derived xenografts were generated.