

Table 2. Fusions with novel partner gene or novel breakpoint

Tumor Type	Novel fusion or breakpoint	5' Partner	3' Partner	Age	Gender	Location	FISH
Soft Tissue Myoepithelial Tumor	TRPS1-PLAG1	Exon1	Exon2	25	M	Foot	PLAG1 rearranged
Perivascular Epithelioid Cell Tumor	VCP-TFE3	Exon11	Exon6	69	M	Pancreas	TFE3 rearranged
Hemangioendothelioma, Pseudomyogenic	ACTB-FOSB	Exon3	Exon2	54	F	Shoulder	Negative for FOSB
Hemangioendothelioma, Pseudomyogenic	ACTB-FOSB	Exon3	Exon2	15	M	T2 vertebra	Not done
Rhabdomyosarcoma, "epithelioid"	FUS-TFCP2	Exon6	Exon2	74	F	Maxillary gum	FUS rearrangement
Sarcoma, NOS	MYLK-BRAF	Exon24	Exon10	54	F	Lung	Not done