

**Supplementary Table S1.** Patient demographic and tumor characteristics

Patient ID	Type of BAS	Race	Age (yr)	Tumor grade	Tumor laterality	Focality	Skin involvement	Tumor size (cm)	Margin status
1	Primary	Caucasian	69	Intermediate	Right	Unifocal	No	0.5	Negative
2	Primary	Caucasian	23	Low	Right	Unifocal	No	N/A	Positive
3	Primary	Caucasian	36	High	Right	Unifocal	No	28	Negative
4	Primary	Black/AA	71	Low	Left	Unifocal	No	2	Negative
5	Primary	Caucasian	35	Intermediate	Right	Multifocal	No	N/A	Positive
6	Secondary	Caucasian	68	Low	Right	Unifocal	Yes	N/A	Positive
7	Secondary	Caucasian	65	Low	Left	Unifocal	Yes	0.4	Negative
8	Secondary	Caucasian	63	High	Left	Unifocal	Yes	1.1	Negative
9	Secondary	Caucasian	68	High	Left	Unifocal	Yes	N/A	Positive
10	Secondary	Black/AA	33	Low	Right	Unifocal	No	0.8	Negative
11	Secondary	Caucasian	75	High	Right	Unifocal	Yes	N/A	Positive
12	Secondary	Black/AA	64	Low	Right	Unifocal	No	0.5	Negative
13	Secondary	Caucasian	66	High	Left	Unifocal	No	1.7	Negative
14	Secondary	Caucasian	48	High	Right	Multifocal	No	2.5	Negative
15	Secondary	Black/AA	76	High	Left	Unifocal	Yes	N/A	Positive
16	Secondary	Black/AA	72	High	Left	Multifocal	No	N/A	Positive
17	Secondary	Caucasian	71	High	Left	Multifocal	Yes	N/A	Positive

ID, identification; BAS, breast angiosarcoma; AA, African American; N/A, not applicable.