

	<b>AFX</b> <b>(n= 10)</b>	<b>PDS</b> <b>(n= 13)</b>	<b>Total</b> <b>(n= 23)</b>
<b>AE1</b>			
Positive	1	0	1
Negative	6	10	16
Unknown	3	3	6
<b>p63</b>			
Positive	0	0	0
Negative	5	3	8
Unknown	5	10	15
<b>Pan-Cytokeratin</b>			
Positive	0	0	0
Negative	1	1	2
Unknown	9	12	21
<b>CK7</b>			
Positive	0	0	0
Negative	0	1	1
Unknown	13	12	25
<b>HMB45</b>			
Positive	0	0	0
Negative	2	2	2
Unknown	8	11	21
<b>Melan-A</b>			
Positive	0	0	0
Negative	6	9	15
Unknown	4	4	8
<b>s-100</b>			
Positive	1	0	1
Negative	7	11	18
Unknown	2	2	4
<b>SOX-10</b>			
Positive	0	0	0
Negative	1	0	1
Unknown	9	13	22
<b>Tyrosinase</b>			
Positive	0	0	0
Negative	0	3	3
Unknown	10	10	20
<b>ki-67</b>			
Positive	5	4	9
Negative	0	0	0
Unknown	5	9	14
<b>CD31</b>			
Positive	1	1	2

Negative	2	2	4
Unknown	7	10	17
<b>FXIII-A</b>			
Positive	1	2	3
Negative	0	1	1
Unknown	9	10	19
<b>CD117</b>			
Positive	0	0	0
Negative	0	1	1
Unknown	10	12	22
<b>CD34</b>			
Positive	2	0	2
Negative	1	6	7
Unknown	7	7	14
<b>Actin</b>			
Positive	0	1	1
Negative	0	1	1
Unknown	10	11	21
<b>Desmin</b>			
Positive	0	0	0
Negative	3	3	6
Unknown	7	10	17
<b>alpha SMA</b>			
Positive	0	0	0
Negative	1	4	5
Unknown	9	9	18
<b>Podoplanin</b>			
Positive	0	0	0
Negative	0	2	2
Unknown	10	11	21
<b>Lysozme</b>			
Positive	0	0	0
Negative	0	1	1
Unknown	10	12	22
<b>CD30</b>			
Positive	0	0	0
Negative	0	1	1
Unknown	10	12	22
<b>CD68</b>			
Positive	1	7	8
Negative	2	1	3
Unknown	7	5	12
<b>CD20</b>			
Positive	0	0	0

Negative	0	1	1
Unknown	10	12	22
<b>CD10</b>			
Positive	2	0	2
Negative	0	0	0
Unknown	8	13	21
<b>Vimentin</b>			
Positive	4	4	8
Negative	1	0	1
Unknown	5	9	14
<b>MITF</b>			
Positive	0	0	0
Negative	1	1	2
Unknown	9	12	21
<b>CEA</b>			
Positive	0	0	0
Negative	0	1	1
Unknown	10	12	22
<b>EMA</b>			
Positive	0	0	0
Negative	0	3	3
Unknown	10	10	20
<b>GLUT-1</b>			
Positive	0	0	0
Negative	0	1	1
Unknown	10	12	22

**Supplemental Table S1.** Immunohistochemical features of AFX and PDS tumor samples