

Table 1. Histopathological diagnosis of human cancer biopsies.

PATIENT (H= healthy; P= pathological)	DIAGNOSIS
Pt1 (AH-AP)	Invasive ductal carcinoma G3, score 9
Pt2 (BH-BP)	Invasive ductal carcinoma G2, score 7
Pt3 (CH-CP)	Phylloides Tumor

Table 2. Scheme of Tandem mass Tags labeling.

TmT	Sample: Fluids lysates	Sample: Cells lysates
126	AH1	BH2
127	AP1	BP2
128	BH1	AH2
129	BP1	AP2
130	CH1	CH2
131	CP1	CP2

Table 3. MudPIT gradient elution profile.

Cycle1

Time	Flow (ml/min)	A%	B%	C%
0.00	0.150	100	-	-
0.99	0.150	100	-	-
1.00	0.150	100	-	-
5.00	0.150	100	-	-
5.01	0.150	100	-	-
10.00	0.150	90	10	-
90.00	0.150	50	50	-
100.00	0.150	0	100	-
110.00	0.150	0	100	-
111.00	0.150	100	-	-
120.00	0.150	100	-	-
121.00	0.150	100	-	-

Cycle 2-9:

Time	Flow (ml/min)	A%	B%	C%
0.00	0.150	100	0	-
0.99	0.150	100	0	-
1.00	0.150	90, 80,70,60, 50,40,30,0	0	10,20,30,40,50, 60,70,100
5.00	0.150	90, 80,70,60, 50,40,30,0	0	10,20,30,40,50, 60,70,100

5.01	0.150	100	0	-
10.00	0.150	90	10	-
90.00	0.150	50	50	-
100.00	0.150	0	100	-
110.00	0.150	0	100	-
111.00	0.150	100	0	-
120.00	0.150	100	0	-
121.00	0.150	100	0	-

Cycle 10-11

Time	Flow (ml/min)	A%	B%	C%
0.00	0.150	100	0	-
0.99	0.150	100	0	-
1.00	0.150	0	10	90
5.00	0.150	0	10	90
5.01	0.150	100	0	-
10.00	0.150	90	10	-
90.00	0.150	50	50	-
100.00	0.150	0	100	-
110.00	0.150	0	100	-
111.00	0.150	100	0	-
120.00	0.150	100	0	-
121.00	0.150	100	0	-

