

**Table 1 Suppl.** - Comparison of peak intensities between NBCCS and controls fibroblast lysates for IMAC30-Cu. For each cluster peak comparison the *p-value* was  $<0.05$ .

n.	<i>M/Z</i>	NBCCS patients		Control individuals	
		<i>Intensity (mean ± SD)</i>		<i>Intensity (mean ± SD)</i>	
1	1527	99.11	± 50.7	41.61	± 10.12
2	1985	203.7	± 71	110.51	± 14.39
3	2002	595.47	± 177.99	337.42	± 39.81
4	2017	1355.55	± 265.37	842.03	± 122.35
5	2037	596.46	± 169.45	345.54	± 44.8
6	2089	53.36	± 9.91	24.86	± 1.21
7	2224	64.34	± 13.65	35.97	± 3.77
8	2254	140.29	± 31.44	89.55	± 11.85
9	2267	203.56	± 26.69	130.73	± 19.89
10	2289	155.25	± 51.71	84.11	± 14.21
11	2518	46.63	± 5.43	24.72	± 3.85
12	3013	98.27	± 44.43	41.03	± 5.8
13	3048	80.01	± 42.53	31.73	± 6.58
14	3274	50.57	± 15.31	25.41	± 5.31
15	4030	26.86	± 12.47	12.07	± 1.23
16	4280	16.38	± 6.21	7.62	± 1.86
17	4790	3.99	± 5.79	16.65	± 5.48
18	5036	11.78	± 5.08	3.86	± 0.49
19	6902	12.17	± 13.22	51.22	± 17.49
20	7017	12.11	± 13.84	72.56	± 22.3
21	7461	4.16	± 6.22	18.18	± 0.92
22	8103	9.28	± 15.07	47.84	± 27.02
23	9170	7.83	± 14.77	66.57	± 28.51
24	10116	1.37	± 1.56	7.57	± 5.28
25	11094	4.6	± 6.96	45.09	± 42.71
26	12346	2.39	± 0.99	6.85	± 2.28
27	12677	1.72	± 2.07	6.23	± 3
28	13310	3.5	± 6.23	23.46	± 5.38
29	13459	2.28	± 3.46	15.55	± 4.61
30	13670	4.92	± 8.36	31.49	± 10.97
31	13807	25.7	± 38.76	159.87	± 68.21
32	13926	10.89	± 15.79	76.86	± 30.05
33	14032	26.04	± 35.43	186.96	± 67.15
34	14191	7.55	± 11.17	56.9	± 15.81
35	14450	5.09	± 6.1	31.64	± 10.73
36	14688	4.7	± 5.35	24.11	± 7.41
37	14810	3.77	± 4.94	20.35	± 8.1
38	15076	2.52	± 3.22	16.22	± 7.03
39	15735	2.71	± 2.13	7.4	± 3.34
40	15960	1.87	± 2.01	11.59	± 3.65
41	16986	1.54	± 2.01	8.59	± 2.69
42	17131	1.23	± 1.4	5.17	± 1.4
43	17657	1.58	± 1.97	8.8	± 3.42
44	22233	0.55	± 0.67	2.3	± 0.46
45	26882	0.23	± 0.18	1.03	± 0.53
46	27908	0.13	± 0.11	0.97	± 0.38
47	29566	0.15	± 0.15	0.74	± 0.25
48	34364	0.153	± 0.086	0.324	± 0.119
49	35985	0.394	± 0.231	0.767	± 0.263
50	38580	0.111	± 0.102	0.278	± 0.119
51	44048	0.075	± 0.028	0.034	± 0.014
52	47326	0.123	± 0.038	0.073	± 0.007
53	66569	0.046	± 0.028	0.003	± 0.002
54	70842	0.039	± 0.024	0.011	± 0.001
55	77999	0.028	± 0.025	0.003	± 0.001
56	107401	0.077	± 0.02	0.131	± 0.038