

Additional file 2 - Averaged spot intensities (Av) with standard deviations (St Dev) of identified protein spots which are displayed in Figure 3 and 4.

Spot No.	Small Int. St		Large Int. St		Caco-2 5d St		Caco-2 15d St		HT-29 St		Hep G2 St		TE 671 St	
	Av	Dev	Av	Dev	Av	Dev	Av	Dev	Av	Dev	Av	Dev	Av	Dev
Cluster 1														
92	14185 ± 4893		12648 ± 1898		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
93	10763 ± 2748		7592 ± 3876		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
21	1714 ± 721		1466 ± 482		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
56	1487 ± 161		5392 ± 1571		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
45	963 ± 483		1622 ± 344		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
85	642 ± 207		1300 ± 208		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
18	1148 ± 142		1082 ± 314		83 ± 61		101 ± 71		104 ± 102		193 ± 123		78 ± 16	
43	961 ± 268		405 ± 137		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
33	1082 ± 369		604 ± 229		133 ± 27		187 ± 97		279 ± 50		510 ± 46		166 ± 169	
61	1477 ± 648		940 ± 253		370 ± 120		422 ± 89		267 ± 178		404 ± 166		206 ± 46	
86	5902 ± 588		496 ± 130		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
44	5293 ± 743		1556 ± 788		316 ± 191		509 ± 194		1188 ± 751		1982 ± 884		654 ± 406	
87	12066 ± 229		2860 ± 201		921 ± 102		2413 ± 868		0 ± 0		5633 ± 1497		0 ± 0	
65	4944 ± 448		2954 ± 1307		1682 ± 262		1638 ± 504		2760 ± 443		3438 ± 878		2185 ± 305	
90	5118 ± 1229		3608 ± 954		2289 ± 504		2695 ± 286		3312 ± 614		3209 ± 255		2033 ± 640	
Cluster 2														
83	6097 ± 1333		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
36	5531 ± 859		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
35	2387 ± 326		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
52	1649 ± 300		0 ± 0		157 ± 54		95 ± 9		243 ± 76		149 ± 30		183 ± 35	
75	1174 ± 219		230 ± 71		0 ± 0		0 ± 0		155 ± 170		0 ± 0		0 ± 0	
81	827 ± 151		131 ± 136		60 ± 103		0 ± 0		113 ± 196		502 ± 93		0 ± 0	
51	1399 ± 369		0 ± 0		252 ± 108		293 ± 112		525 ± 46		0 ± 0		128 ± 76	
11	830 ± 196		140 ± 98		199 ± 78		161 ± 38		192 ± 68		236 ± 35		98 ± 30	
49	1980 ± 259		219 ± 45		422 ± 104		464 ± 162		877 ± 85		1202 ± 241		774 ± 217	
Cluster 3														
48	0 ± 0		613 ± 74		0 ± 0		0 ± 0		0 ± 0		0 ± 0		0 ± 0	
Cluster 4														
27	205 ± 31		103 ± 30		1345 ± 259		1247 ± 213		868 ± 278		1065 ± 102		1190 ± 199	
82	321 ± 103		171 ± 72		573 ± 198		831 ± 151		678 ± 243		1131 ± 11		1075 ± 381	
4	502 ± 151		269 ± 279		1620 ± 597		1152 ± 78		2745 ± 529		1969 ± 197		998 ± 142	
29	232 ± 94		137 ± 74		1054 ± 274		836 ± 186		894 ± 34		712 ± 122		1678 ± 105	
2	0 ± 0		0 ± 0		760 ± 198		1164 ± 504		1826 ± 428		1211 ± 491		1049 ± 462	
74	402 ± 329		229 ± 104		1304 ± 523		950 ± 385		2764 ± 474		1388 ± 46		1800 ± 167	
80	0 ± 0		0 ± 0		1158 ± 105		526 ± 62		430 ± 261		1533 ± 120		295 ± 57	
19	447 ± 93		302 ± 227		1407 ± 91		996 ± 407		1356 ± 173		835 ± 58		1065 ± 283	
25	712 ± 196		286 ± 142		1271 ± 147		1204 ± 135		1004 ± 346		1137 ± 387		908 ± 134	
3	493 ± 42		173 ± 168		1165 ± 193		1123 ± 131		1536 ± 340		1379 ± 205		1034 ± 254	
38	480 ± 194		360 ± 132		1514 ± 553		1421 ± 164		1489 ± 276		903 ± 165		2717 ± 186	
7	348 ± 135		247 ± 200		1459 ± 310		960 ± 62		1439 ± 355		1584 ± 194		1078 ± 512	
1	1786 ± 383		621 ± 103		3457 ± 1292		4240 ± 679		2631 ± 307		3363 ± 844		3247 ± 114	
57	541 ± 146		839 ± 115		1892 ± 55		1873 ± 276		947 ± 165		2338 ± 771		1622 ± 144	
62	1577 ± 401		941 ± 366		5110 ± 524		4457 ± 942		2496 ± 478		3001 ± 198		3371 ± 953	
37	1023 ± 578		1142 ± 346		5187 ± 2040		4679 ± 1056		4542 ± 418		2561 ± 318		6834 ± 1076	
94	1289 ± 118		762 ± 265		3771 ± 1071		4226 ± 1437		2843 ± 1079		7838 ± 1895		5482 ± 2619	
9	2161 ± 391		1537 ± 413		9195 ± 792		7712 ± 659		4866 ± 126		9910 ± 2890		5024 ± 297	
Cluster 5														
72	846 ± 65		441 ± 79		234 ± 148		186 ± 56		1534 ± 21		276 ± 82		0 ± 0	
34	644 ± 32		677 ± 105		600 ± 260		759 ± 152		326 ± 177		411 ± 122		0 ± 0	
60	3360 ± 216		305 ± 109		526 ± 152		748 ± 58		684 ± 202		636 ± 135		0 ± 0	
59	3376 ± 337		699 ± 337		1007 ± 244		1539 ± 292		2050 ± 173		970 ± 215		217 ± 51	

Spot No.	Small Int.		Large Int.		Caco-2 5d		Caco-2 15d		HT-29		Hep G2		TE 671	
	Av	St Dev	Av	St Dev	Av	St Dev	Av	St Dev	Av	St Dev	Av	St Dev	Av	St Dev
79	2649	± 653	1369	± 675	1693	± 411	1047	± 290	1828	± 519	791	± 100	70	± 46
17	3970	± 1103	654	± 312	3156	± 389	2936	± 386	3932	± 1726	1699	± 131	0	± 0
78	6962	± 1480	3410	± 1747	5191	± 308	6006	± 259	4175	± 722	4161	± 2210	1602	± 756
Cluster 6														
8	0	± 0	0	± 0	0	± 0	0	± 0	0	± 0	0	± 0	3856	± 237
84	340	± 142	1695	± 594	0	± 0	617	± 575	0	± 0	610	± 90	3258	± 356
54	664	± 238	914	± 500	95	± 126	289	± 100	1385	± 146	326	± 96	3724	± 860
6	84	± 100	147	± 96	179	± 40	109	± 51	821	± 98	182	± 7	1397	± 126
Cluster 7														
32	2027	± 468	541	± 13	1219	± 185	1017	± 345	678	± 105	0	± 0	0	± 0
16	2242	± 517	367	± 164	342	± 64	717	± 273	483	± 104	0	± 0	0	± 0
10	1742	± 282	714	± 239	411	± 102	444	± 201	278	± 95	0	± 0	0	± 0
64	4465	± 329	2849	± 2007	4928	± 1065	4361	± 224	6448	± 584	0	± 0	886	± 109
Cluster 8														
23	359	± 70	127	± 63	408	± 114	363	± 87	163	± 25	212	± 30	135	± 70
50	829	± 129	0	± 0	481	± 77	464	± 10	0	± 0	117	± 17	0	± 0
28	1324	± 179	87	± 27	471	± 116	541	± 217	125	± 57	322	± 128	112	± 35
26	1288	± 123	296	± 149	1269	± 167	1107	± 58	191	± 121	314	± 64	383	± 144
66	2682	± 627	129	± 48	792	± 156	1015	± 333	113	± 32	321	± 18	210	± 36
Cluster 9														
22	100	± 2	0	± 0	822	± 187	738	± 105	195	± 130	200	± 81	141	± 35
14	575	± 160	738	± 141	2436	± 730	2308	± 406	335	± 9	519	± 115	921	± 252
70	273	± 178	325	± 196	3362	± 337	2978	± 746	437	± 223	1319	± 254	1320	± 602
53	2352	± 730	764	± 467	4625	± 583	5403	± 568	2557	± 360	1533	± 310	1837	± 221
39	2072	± 607	1016	± 612	4939	± 1542	5210	± 1386	1135	± 257	1621	± 605	1869	± 182
20	1006	± 236	683	± 328	3685	± 1380	3886	± 1360	1674	± 265	1751	± 592	1857	± 563
55	1553	± 581	800	± 379	3450	± 477	3543	± 682	1981	± 59	2076	± 364	2164	± 181
5	1647	± 756	1192	± 368	3250	± 332	3253	± 330	1753	± 419	2144	± 774	1854	± 682
40	2216	± 1047	2842	± 1153	5583	± 1244	7011	± 1078	652	± 136	621	± 136	676	± 434
Cluster 10														
73	180	± 41	0	± 0	188	± 98	132	± 24	764	± 126	312	± 37	65	± 61
71	993	± 137	399	± 97	284	± 105	189	± 53	1354	± 182	730	± 122	546	± 175
69	1454	± 113	1070	± 265	254	± 52	283	± 32	1311	± 111	1211	± 252	474	± 122
24	1684	± 429	696	± 229	312	± 91	362	± 141	1838	± 358	988	± 113	254	± 159
63	1295	± 52	431	± 293	606	± 138	442	± 56	1418	± 202	815	± 172	1966	± 216
91	5044	± 2137	5052	± 2879	1526	± 853	1134	± 127	5025	± 2336	3472	± 293	5665	± 1125
42	2922	± 1120	2045	± 437	1967	± 766	1795	± 202	3655	± 1502	3292	± 187	3799	± 1172
Cluster 11														
30	206	± 5	218	± 78	116	± 15	52	± 12	147	± 35	392	± 68	102	± 25
67	238	± 137	593	± 400	323	± 123	579	± 295	0	± 0	2081	± 222	0	± 0
77	1392	± 446	293	± 94	327	± 301	398	± 156	287	± 413	1524	± 419	362	± 138
13	1333	± 466	353	± 16	745	± 399	864	± 160	160	± 88	1540	± 63	597	± 367
76	3226	± 671	477	± 153	1885	± 1432	1421	± 355	204	± 208	3674	± 605	1832	± 984
41	2853	± 492	0	± 0	782	± 315	767	± 136	1015	± 110	5136	± 1614	632	± 372
58	1655	± 300	1724	± 949	1659	± 599	2013	± 400	547	± 106	1907	± 341	701	± 186
Cluster 12														
15	1477	± 511	750	± 622	1491	± 566	1638	± 457	705	± 233	645	± 94	1456	± 673
46	1583	± 291	1118	± 338	1401	± 305	1001	± 142	1374	± 76	1723	± 356	988	± 527
47	2808	± 651	1573	± 461	1866	± 547	2091	± 79	2286	± 354	2204	± 581	1160	± 510
68	2008	± 269	882	± 485	2336	± 616	1991	± 546	1422	± 508	2288	± 308	1816	± 181
31	2654	± 265	2416	± 640	1486	± 267	1936	± 869	2770	± 79	3813	± 1061	1870	± 1051
88	4147	± 852	3016	± 1132	2309	± 1069	1850	± 640	4607	± 158	3484	± 657	4699	± 1613
89	5761	± 973	4843	± 1297	3906	± 1507	3279	± 551	6042	± 1276	4988	± 1067	5475	± 854
12	5985	± 1266	4567	± 1899	6100	± 696	4908	± 1409	5302	± 695	4459	± 1675	7144	± 1559