

Supplemental Table 2. Reproducibility of peptide/protein identifications in replicate analyses.

Tier #	No. standard peptides Proteolytic digest of a mixture of 13 proteins (1 μ L, 4-5 μ M)	Identifications in 10 replicate analyses
1	25	100 %
2	21	80-90 %
3	28	60-70 %
4	10	50 %
5	16	30-40 %
Putative biomarker proteins		
Tier #	MCF-10A cytoplasmic cell extract (1 μL, 2 μg/μL)	Identification in 3 replicate analyses
1	P12956/X-ray repair cross-complementing protein 6	3-out-of-3
1	Q9BR76/Coronin-1B	3-out-of-3
1	P19338/Nucleolin	3-out-of-3
1	Q00610/ Isoform 1 of Clathrin heavy chain 1	3-out-of-3
1	P68104/Elongation factor 1-alpha 1	3-out-of-3
2	Q9ULV4/Coronin-1C	2-out-of-3
2	P15311/Ezrin	2-out-of-3
2	P23528/Cofilin	2-out-of-3
2	Q9UQ80/Proliferation-associated protein 2G4	2-out-of-3
3	P13693/Translationally-controlled tumor protein	1-out-of-3