

Table S1. Summary of MALDI-TOF MS spectra acquired from each cell type and used for the generation of the main spectral profile (MSP) database.

Cell line types	Number of biological replicates	Number of acquired spectra	Number of selected spectra
Normal cells			
hFOB	3	39	25
Osteosarcoma cell line			
143B	3	39	39
MNNG	3	39	39
MG63	3	39	39
U2OS	3	39	25
SAOS2	3	39	30
Carcinoma cell line			
HT29	3	39	39
SW480	3	39	39
SW620	4	52	45
HCC827	3	39	33
H1975	3	39	30
H460	3	39	39
HepG2	3	39	38
MDA-MB231	3	39	39