Supplementary Information

**Fig. S1.** ATR-FTIR rough spectra of parental HEP-2 and resistant 7T cells. 20 recorded spectra of each cell line are displayed with successive slight shifts to the top for better readability. The details about FTIR-ATR measurements are given in Materials and methods section.
Fig. S2. PCA analysis of HEp-2 (green dots) and 7T (red triangles) FTIR spectra at (A) 2921 cm$^{-1}$, (B) 1735 cm$^{-1}$, (C) 1530 cm$^{-1}$, (D) 1400-1340 cm$^{-1}$, (E) 1170-1130 cm$^{-1}$. Ellipses depicted in the figure define confidence limits, within which 95% of the data is allocated.