Electronic Supplementary Information

High content Raman spectroscopic analysis of Panitumumab exposed to colorectal cancer cells

Abdullah S. Mondol, *a,c Samir F. El-Mashtoly, *b Tatjana Frick, b Klaus Gerwert, b Jürgen Popp a,c, and Iwan W. Schie, a[†]

- ^{a.} Leibniz Institute of Photonics Technology, Albert Einstein str. 9, 07745 Jena, Germany
- ^{b.} Department of Biophysics, Ruhr University Bochum, Universitätstr. 150, 44780 Bochum, Germany

^{c.} Institute of Physical Chemistry, Friedrich Schiller University Jena, Helmholtzweg 4, 07743 Jena, Germany

* equally contributing author

Corresponding Author: iwan.schie@leibniz-ipht.de



Figure S1: The score plot of two SW48 and SW48 cells treated with 20 μ g/mL panitumumab are presented. The median values of the scores indicated by the big circles, present an estimation of spectral variability. The median of two controls are close to each other. This is an indication that the spectra from these samples are quiet similar. The spectral differences are more significant for control₁ and the 20 μ g/mL panitumumab treated cells as their median value is far apart compared to the two controls.