

**Additional file 1.** Most strongly influenced signalling pathways between chemosensitive (UKF-NB-3) and chemoresistant (UKF-NB-3<sup>r</sup>VCR<sup>10</sup>, UKF-NB-3<sup>r</sup>CDDP<sup>1000</sup>) neuroblastoma cells as indicated by PANTHER pathway analysis of gene microarray (AB1700) expression data.

<b>PANTHER signalling pathway</b>	<b>p-value</b>
1. TGF- $\beta$ signalling pathway	$1.48 \times 10^{-5}$
2. p38 MAPK pathway	$2.59 \times 10^{-5}$
3. Ras pathway	$1.79 \times 10^{-4}$
<b>4. Angiogenesis</b>	<b><math>1.87 \times 10^{-4}</math></b>
5. EGF receptor signaling pathway	$3.02 \times 10^{-4}$