Label-free Quantitative Proteomics Analysis of Adriamycin selected Multidrug Resistant Human Lung Cancer Cells

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Supplementary information

Table S1. List of ABC transporters differentially expressed in pDLKP cells and drug-resistant subpopulations. + represents overexpression and - represents downregulation. N/D indicates Not Detected/Not Expressed.

ABC transporters	A2B	A	A5F	A10
Functional role in Drug transmembrane transport				
ABCB1 (MDR1)	+1.8	+27.7	+49.8	+34.4
ABCC1 (MRP1)	N/D (Infinity)	+18.8	N/D (Infinity)	+5.8
Other ABC transporters				
ABCD1	−131.1	−35.6	N/D (Infinity)	−46.6
ABCF2	−1.4	−1.6	−1.9	−1.6
ABCD3	2	1.2	1.4	1.2
ABCE1	1.6	1.5	2.2	1.5

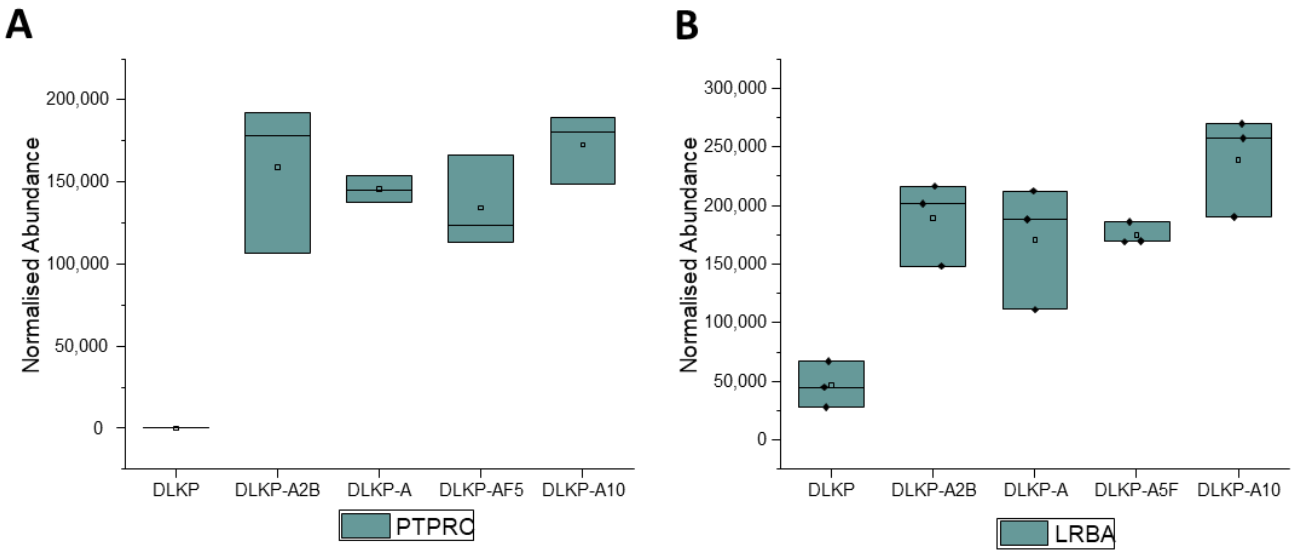

Figure S1. Expression levels of membrane proteins: PTPRC (**A**) and LRBA (**B**).

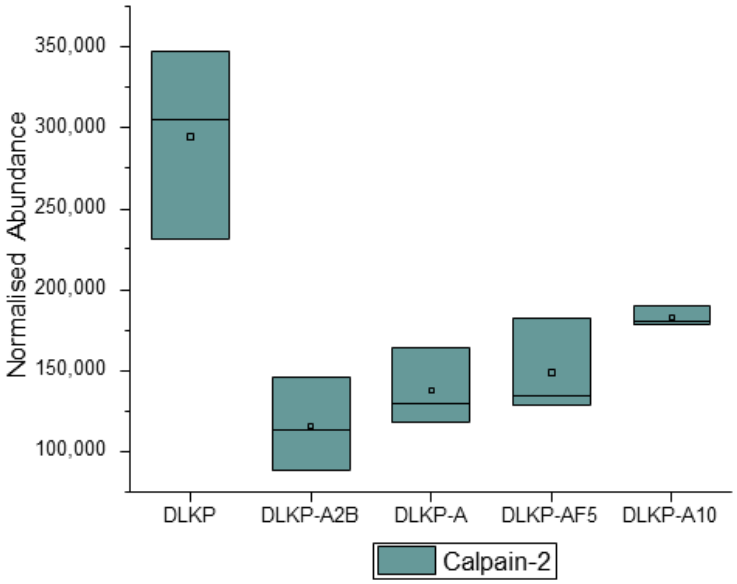

Figure S2. Expression levels of Calpain-2 in pDLKP cells and its drug resistant subpopulations.

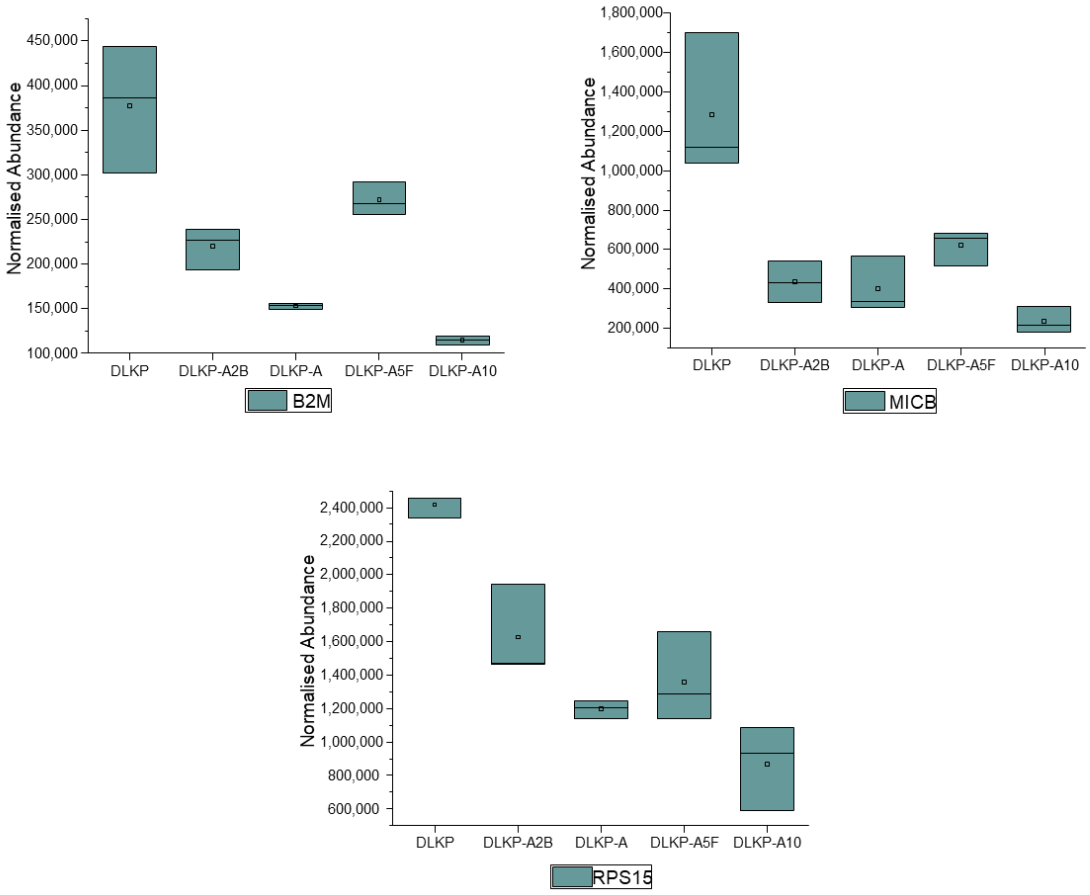

Figure S3. Expression profiles of downregulated membrane proteins in pDLKP and its drug-resistant subpopulations (following different trend for DLKP-A5F).

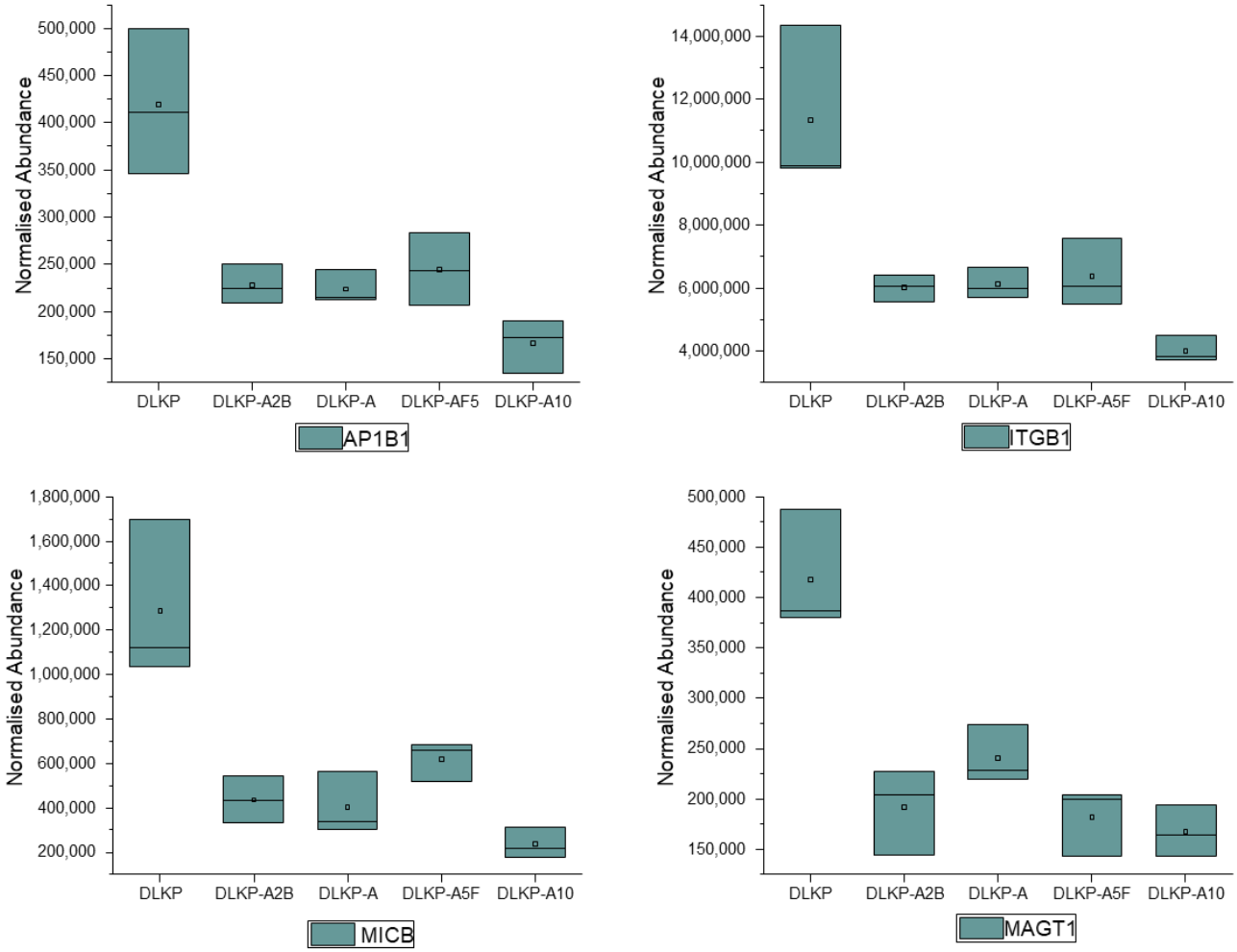

Figure S4. Expression profiles of downregulated membrane proteins in pDLKP and its drug-resistant subpopulations (no correlation with resistance levels).

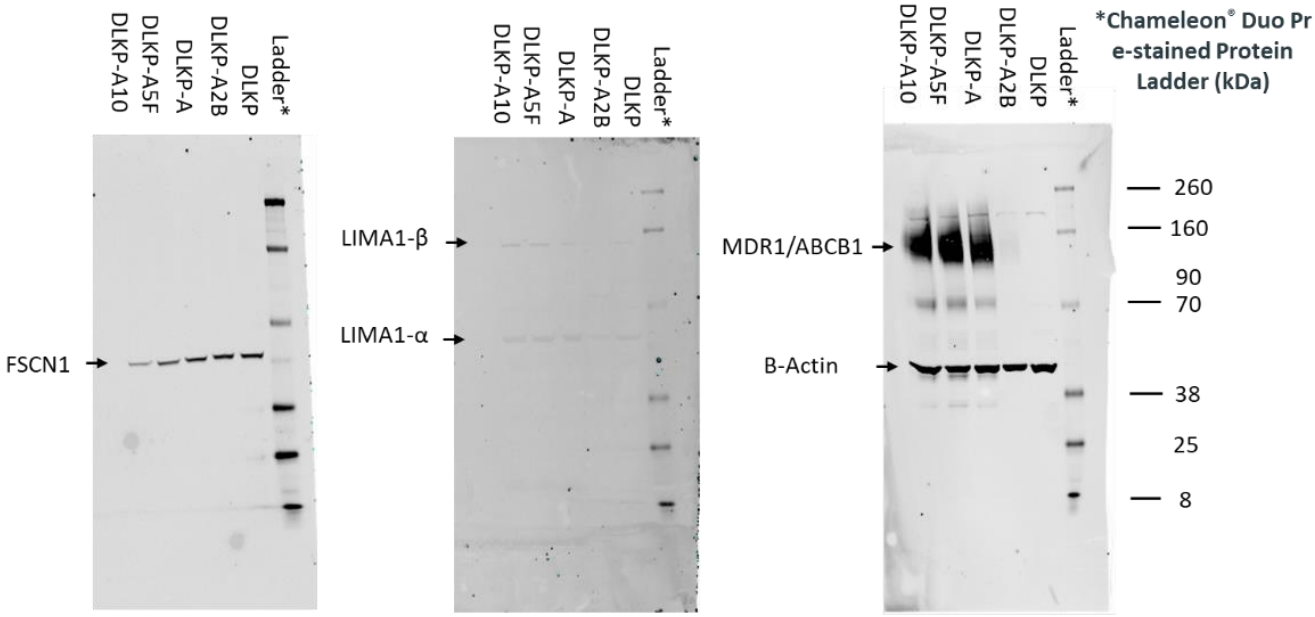

Figure S5. Western Blot images of MDR1, LIMA1 and FSCN1.