Selective Labeling and Identification of the Tumor Cell Proteome of Pancreatic Cancer *In Vivo*

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Supplementary data

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Supplementary Table S1. List of proteins identified in BONCAT-enriched samples by DIA-MS.
Supplementary Table S2. List of proteins identified in the tumor bulk lysates by DIA-MS.
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Supplementary Table S5. GO term analysis of proteins enriched in tumor cells.
Supplementary Table S6. GO term analysis of proteins enriched in the tumor microenvironment.
Supplementary Fig S1. Full size image of the Western blot presented in Figure 2A. The molecular weight of the protein ladder is labeled on the left side.
Supplementary Fig S2. Detection of ANL-labeled proteins by TAMRA-DBCO and SDS-PAGE in cell lines with or without MetRS L274G transgene.
Supplementary Fig S3

anti-SMA (brown staining)

Supplementary Fig S3. α-SMA antibody identifies stromal fibroblasts in the tumor bulk.
Supplementary Fig S4. Densitometric analysis of Coomassie blue and TAMRA-alkyne stained SDS-PAGE gel for tumor sample lanes 5-11.
Supplementary Fig S5. Pearson correlation of DIA-MS data from the BONCAT (S5A), and the Bulk samples (S5B). The correlation coefficients are labeled above the dot plots. Dashed triangle indicates the correlation among BONCAT-ANL samples.
Supplementary Fig S6. Venn diagram of the number of proteins identified by BONCAT enrichment in the ANL-labeled samples compared to the Met-labeled samples.
**Supplementary Fig S7.** IHC analysis of protein candidates preferentially present in pancreatic tumor cells. The tumor cells with dark brown staining are indicated with “T”.