

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Human PLP-dependent enzymes obtained from the B6DB (<http://bioinformatics.unipr.it/cgi-bin/bioinformatics/B6db/home.pl>), with subcellular localization manually annotated as a consensus from the Gene Ontology (GO), Gene Cards and literature research.

File name: Supplementary Data 2

Description: Gene scores for the genome-wide CRISPRi screen in B6-depleted media ("B6-") versus B6-rich media ("B6+").

File name: Supplementary Data 3

Description: Guide scores for the genome-wide CRISPRi screen in B6-depleted media ("B6-") versus B6-rich media ("B6+").

File name: Supplementary Data 4

Description: Oligonucleotide sequences used for the CRISPRi targeted library cloning.

File name: Supplementary Data 5

Description: Gene scores for the targeted library CRISPRi screen in B6-depleted media ("B6-") versus B6-rich media ("B6+").

File name: Supplementary Data 6

Description: Guide scores for the targeted library CRISPRi screen in B6-depleted media ("B6-") versus B6-rich media ("B6+").

File name: Supplementary Data 7

Description: Label free quantification (LFQ) values for proteomics results used in Supplementary Figure 10 – raw and processed data. The data in the “LFQ-intensity all” were used as input for R scripts using the packages pOmics2 and Tidyverse to perform data cleaning (including removal of proteins where peptides are absent in more than 50% of the samples), missing data imputation and normalization which resulted in the data shown in “filtered-imputed-norm LFQ”. For Supplementary Figure 10 we included proteins where the ratio between WT MitoIP or SLC25A38 KO MitoIP to MockIP was larger than 2.