**Newly added figures:**

**Figure 6E-F**

Glutamate (acidic mode; glutamic acid IS)

Cystathionine (acidic mode; Succinate IS)

*C:\Users\lenovo\OneDrive - Háskóli Íslands\PC-HI\5 ProteomicPaper\Figures&Tables in the paper\Glycan precursor analysis\KDexperimentRepeat\_16.07.2019\QIONG\*

AcidicNeg\_Knockdown\_Metabolomics\_3Scr\_18.07.2019.xlsx

AcidicNeg\_Knockdown\_Metabolomics\_Cystathionine\_06.03.2021.xlsx

**Figure 9 – Figure summary**

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**Supplementary Figure 5A-C**

*C:\Users\lenovo\OneDrive - Háskóli Íslands\PC-HI\4 Experiments documents\_QIONG\15 KEAP1\RT\_qPCR data analysis.xlsx - this is for GALE, PGM2L1 and UGDH*

*C:\Users\lenovo\OneDrive - Háskóli Íslands\PC-HI\5 ProteomicPaper\Figures&Tables in the paper\Figures\SupplementaryFig6\ProteomicPaperTargets\_RNAexpression.xlsx - Template file for plotting*

**Supplementary Figure 5E – KD efficiency for MDA-MB-231**

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**Supplementary Figure 6 - WB**

*C:\Users\lenovo\OneDrive - Háskóli Íslands\PC-HI\4 Experiments documents\_QIONG\4 Western blot\SQOR\_GFPT2\_O-GlcNAcylation\Results\WesternBlot\D492\_O-GlcNAc*

**Supplementary Figure 8A-C**

UDP-Glc, UDP-GlcA and GlcNAc-P, acidic mode; Phenylalanine IS

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AcidicNeg\_Knockdown\_Metabolomics\_3Scr\_18.07.2019.xlsx