



Figure 2. Loss of bS21-2 leads to changes in protein abundance that cannot be explained by changes in transcript abundance. Cells with (WT, wild-type) and without bS21-2 ($\Delta rpsU2$) were analyzed using RNA-Seq (x-axis) and DIA whole cell mass spectrometry (y-axis). Genes are represented by dots. Most genes with changes in protein (161 yellow dots) do not have corresponding changes in transcript abundance. One gene (orange dot) has discordant changes in transcript and protein abundance. Green dots (23) represent genes with concordant changes in transcript and protein abundance. Blue dots (60) indicate genes with altered transcript abundance only. Horizontal dashed lines indicate +/- 1.5-fold cutoff for differential protein abundance; vertical dashes indicate +/- 2-fold cutoff for differential transcript abundance. Colored dots with black outlines represent genes with significant changes in protein (+/- 1.5-fold change, adjusted p-value <0.05) and/or transcript (+/- 2-fold change, adjusted p-value <0.05) abundance as indicated above, while grey dots without outline represent genes with changes that did not meet the statistical thresholds. Three grey dots are located outside the bounds of the axis as represented.