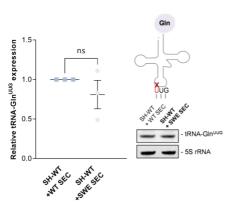


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Suppl.Fig4. Quantification of additional tRNA modifications by LC/MS-MS and tRNA-Glu<sup>UUC</sup> and tRNA-Gln<sup>UUG</sup> expression in SH-WT cells incubated with SH-SWE cells secretome. A) Quantification of the i<sup>6</sup>A, m<sup>5</sup>C and m<sup>1</sup>A and ncm<sup>5</sup>U tRNA modifications levels in SH-WT cells incubated with SH-SWE secretome (SH-WT + SWE SEC), in comparison to the control condition SH-WT cells incubated with SH-WT secretome (SH-WT + WT SEC). No significant alterations in the levels of these tRNA modifications in the SH-WT + SWE SEC cells, compared to SH-WT + WT SEC cells were detected. B) Quantification of the tRNA-Glu<sup>UUC</sup> levels in SH-WT cells incubated with SH-SWE secretome (SH-WT + SWE SEC), compared to the control condition SH-WT cells incubated with SH-WT secretome (SH-WT + WT SEC). No significant alterations in the abundance of total tRNA-Glu<sup>UUC</sup> were detected in SH-WT + SWE SEC cells, compared to SH-WT + WT SEC cells. 5S RNA was used as internal control. C) Quantification of tRNA-Gln<sup>UUG</sup> levels in SH-WT cells incubated with SH-SWE secretome (SH-WT + SWE SEC), compared to the control condition SH-WT cells incubated with SH-WT secretome (SH-WT + SWE SEC). No significant alterations in the abundance of the total tRNA-Gln<sup>UUG</sup> present in the SH-WT + SWE SEC cells, compared to SH-WT + WT SEC cells were detected. 5S RNA was used as internal control. Data information: data are expressed as mean SEM, n = 3 biological replicates. The non-significant (ns) p value as assessed by two-way ANOVA with the Sidak test (in A) and unpaired t test (in B-C).