

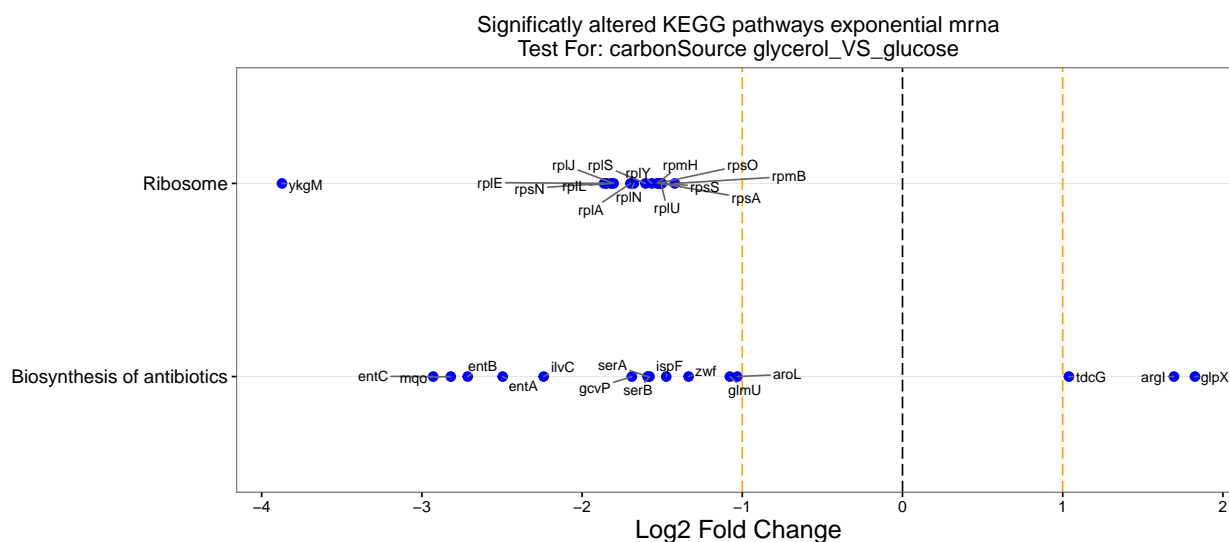
Supplementary figures for significantly altered pathways

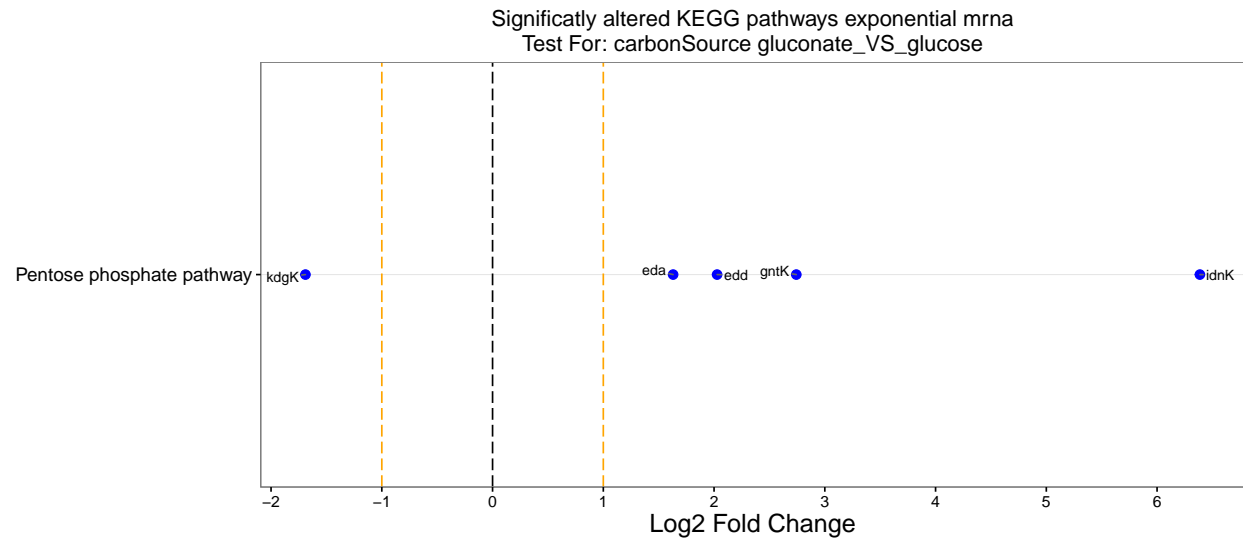
Mehmet Umut Caglar

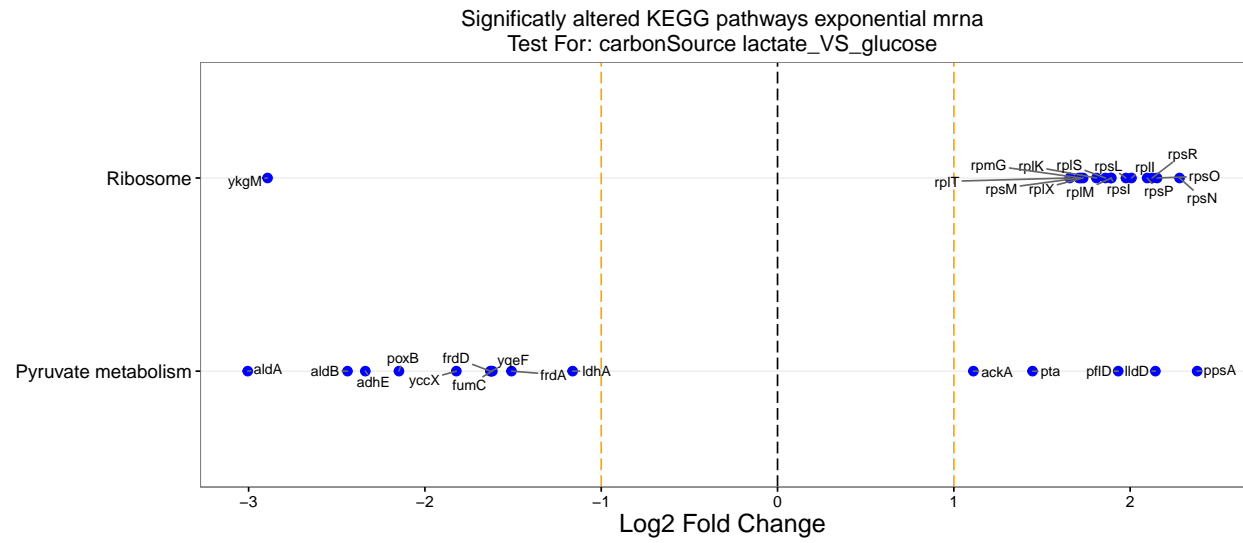
07 August, 2016

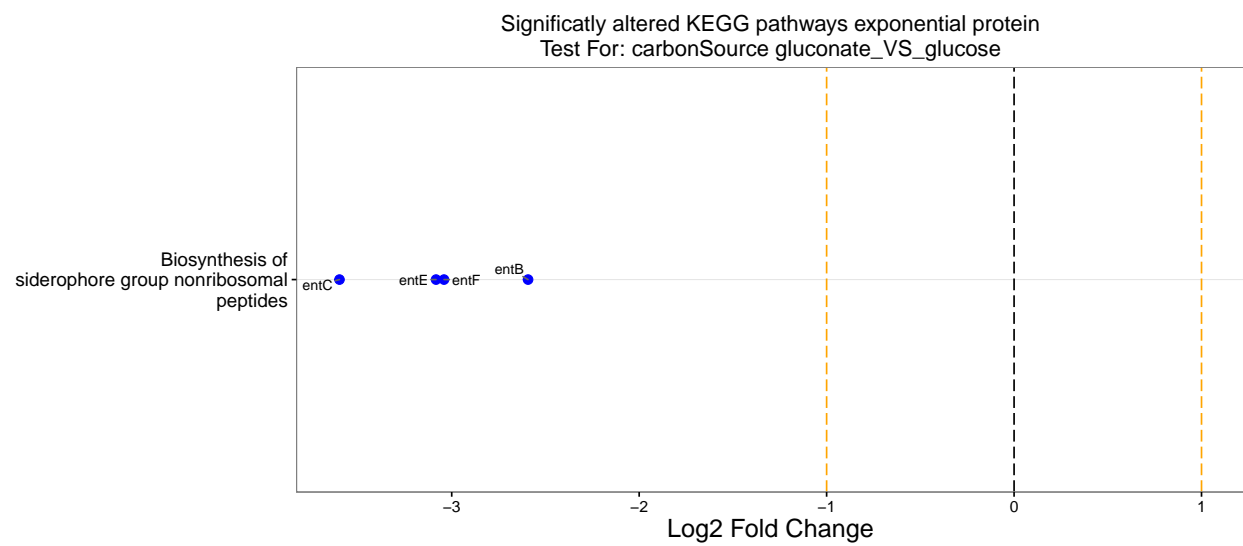
Significantly altered pathways and significantly altered genes within the pathways with respect to different external conditions are shown. Gene alterations are ordered with respect to change in expression levels and filtered by log change and adjusted P values. Only (1) The genes that change more than 2 fold and with an adjusted p value less than 0.05 are shown. (2) The pathways that change with an adjusted p value less than 0.05 are shown (3) If the number of genes that satisfy the property “1” is more than 15 only 15 of them are shown. (4) If the number of pathways that satisfy property “2” is more than 10 only 10 of them are shown

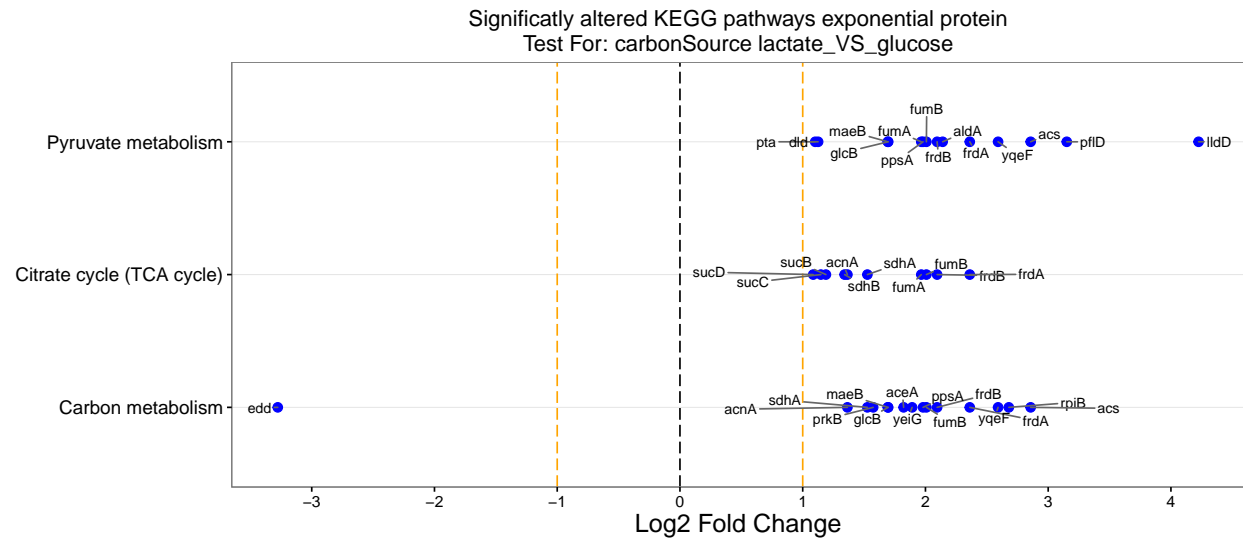
Figures related with KEGG Pathway

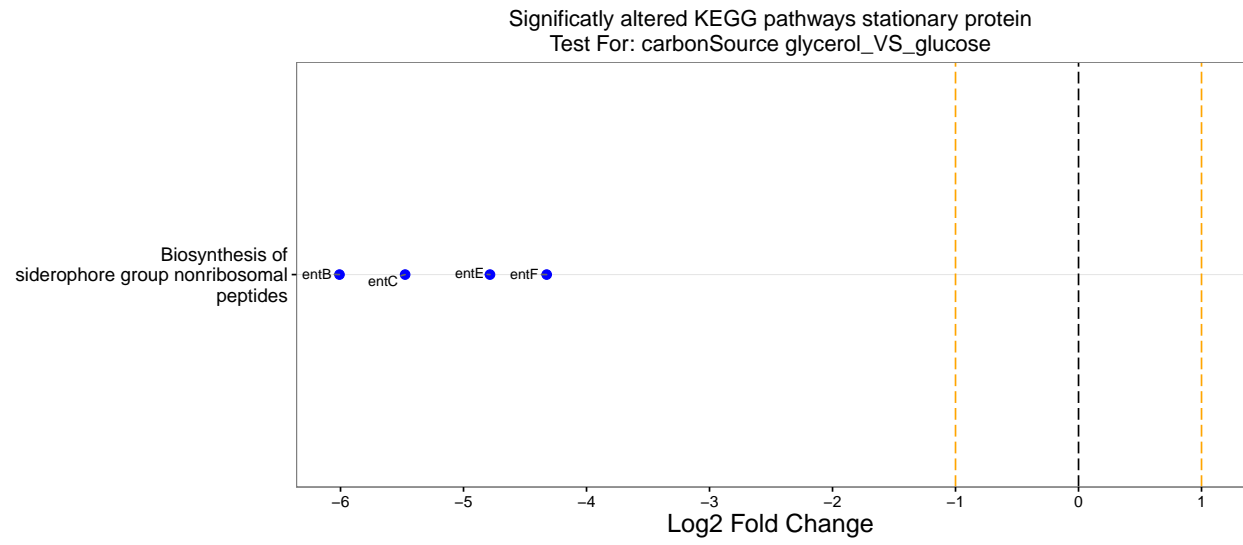


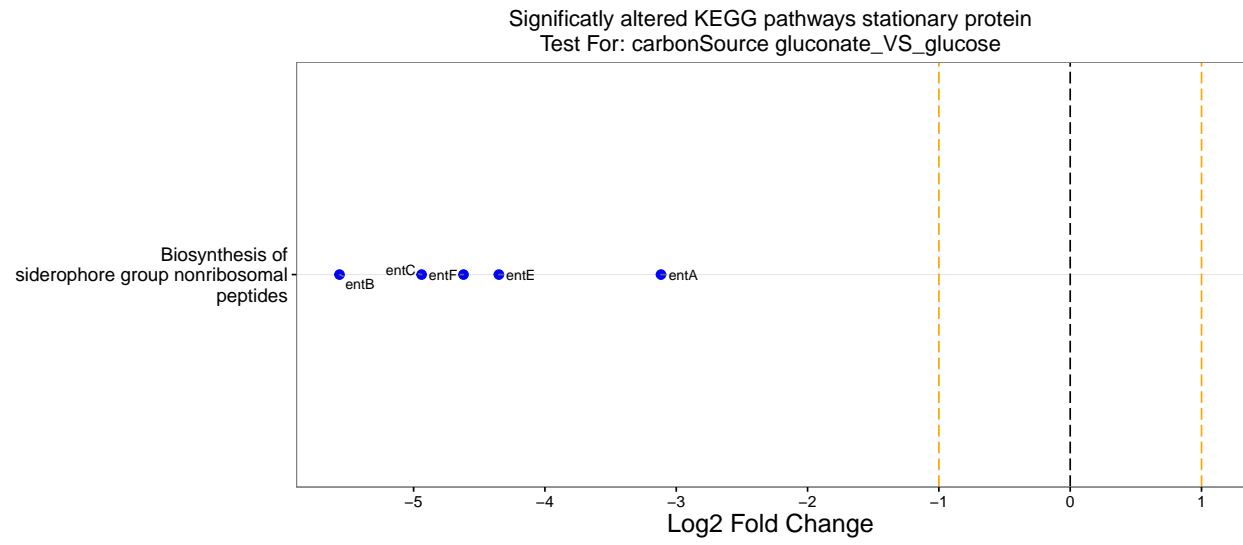


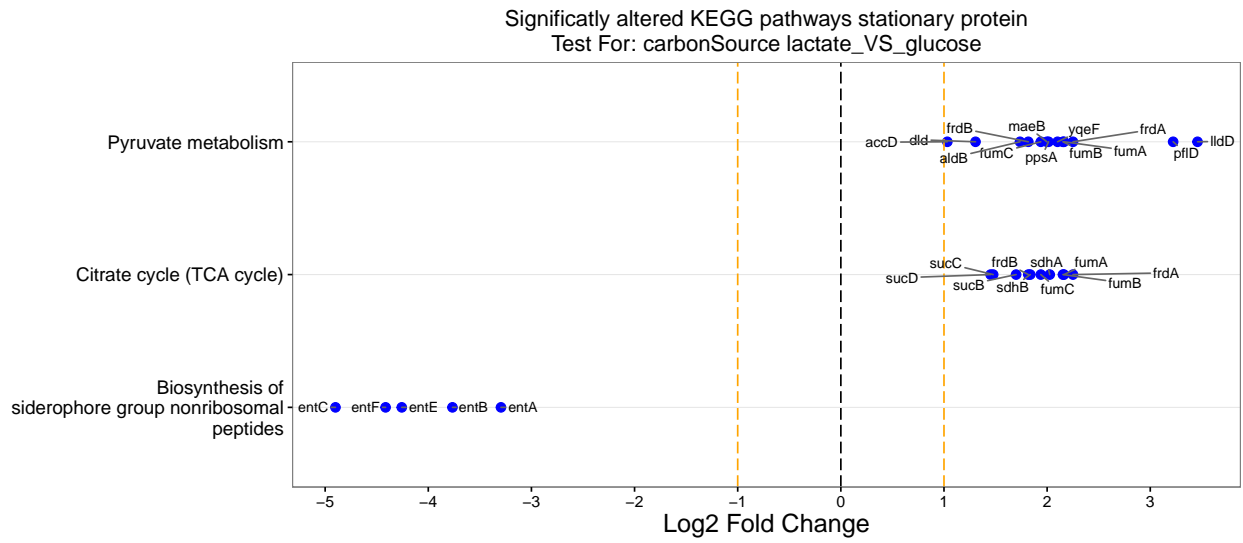


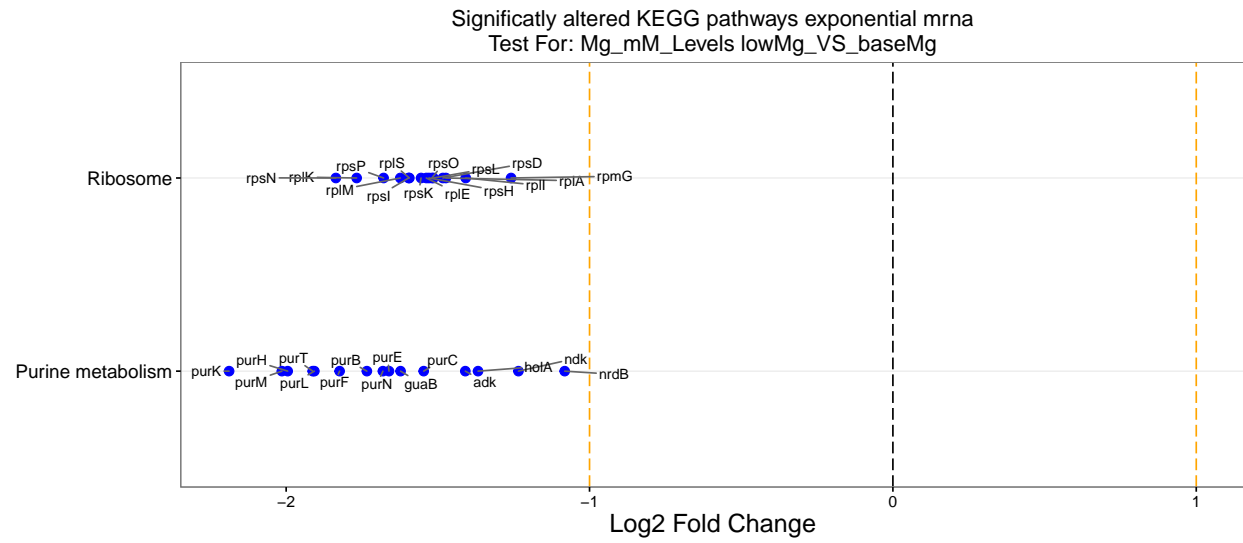


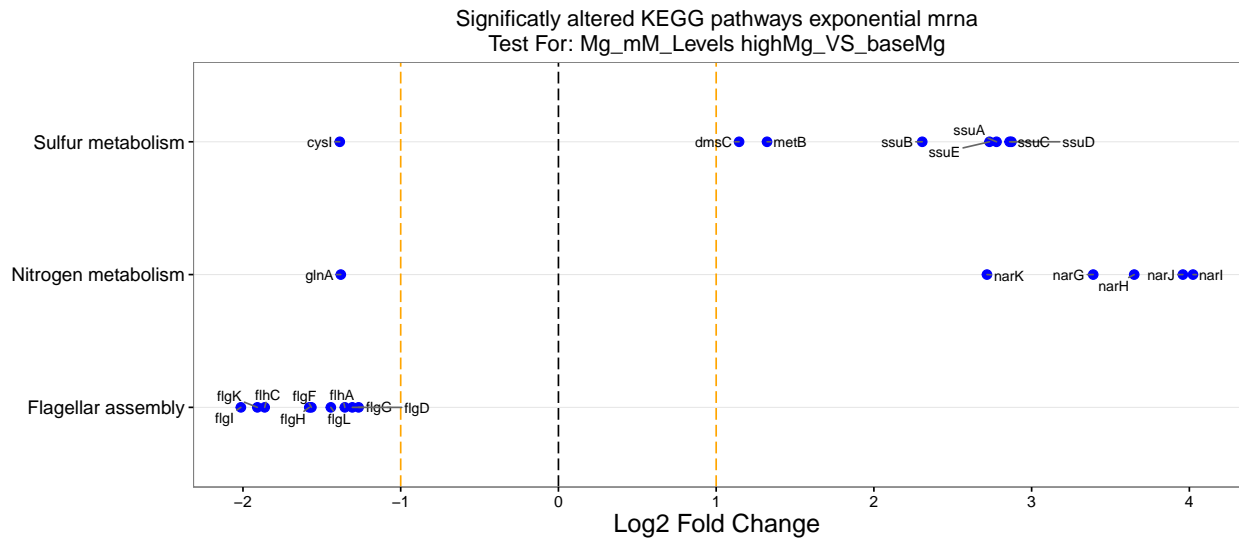


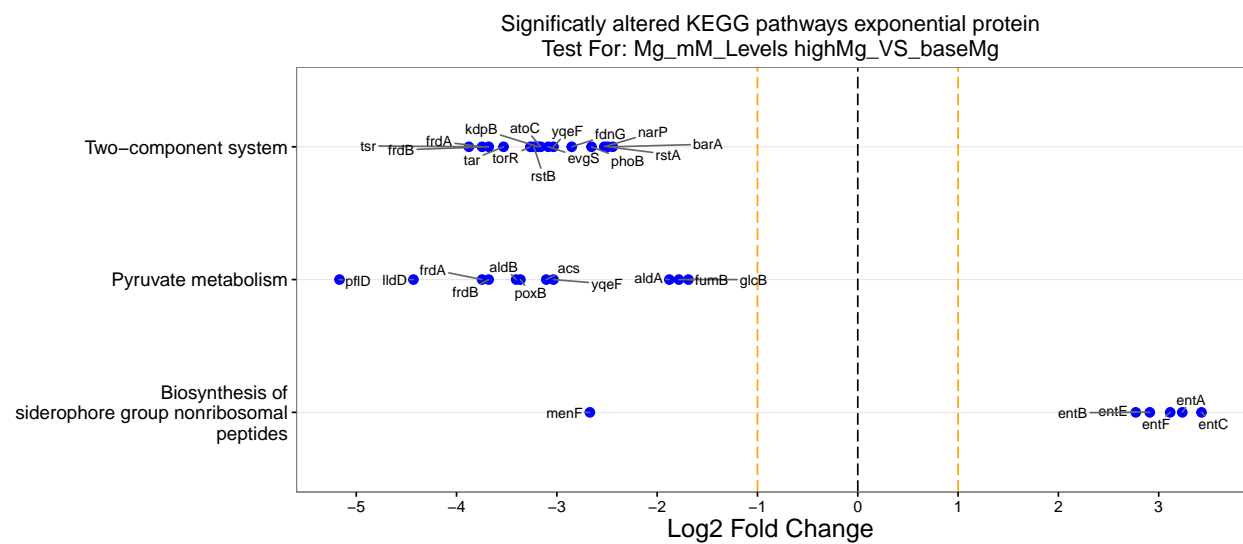


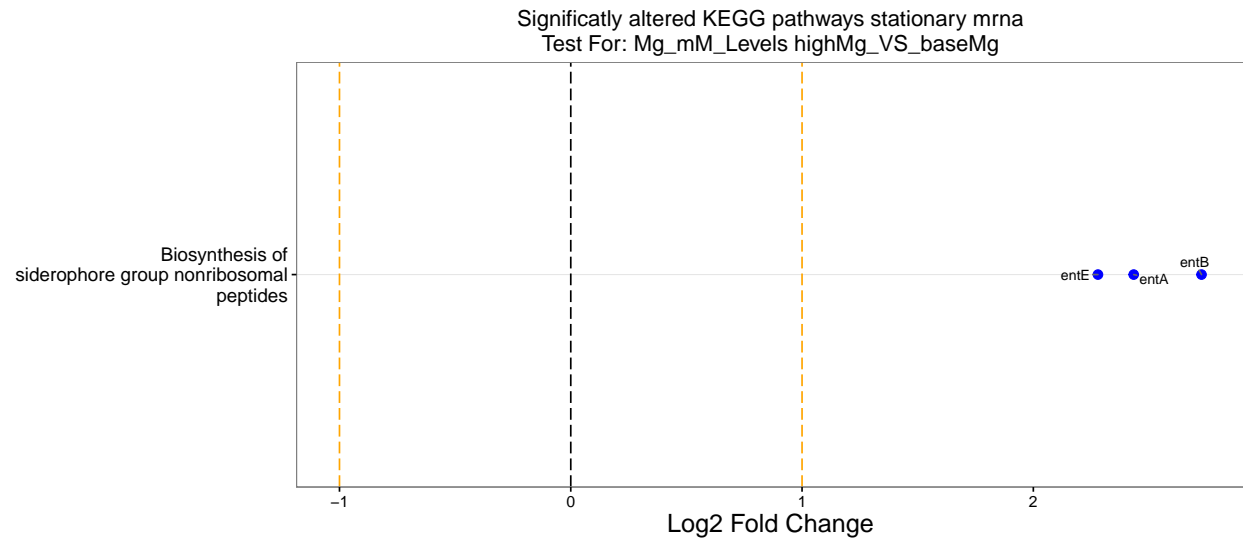


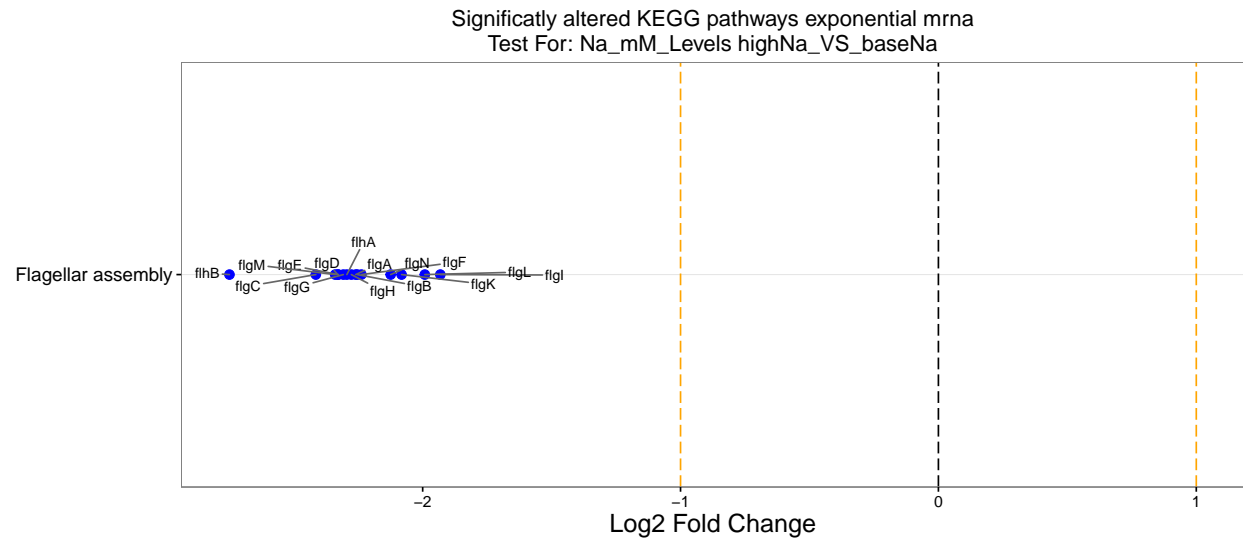


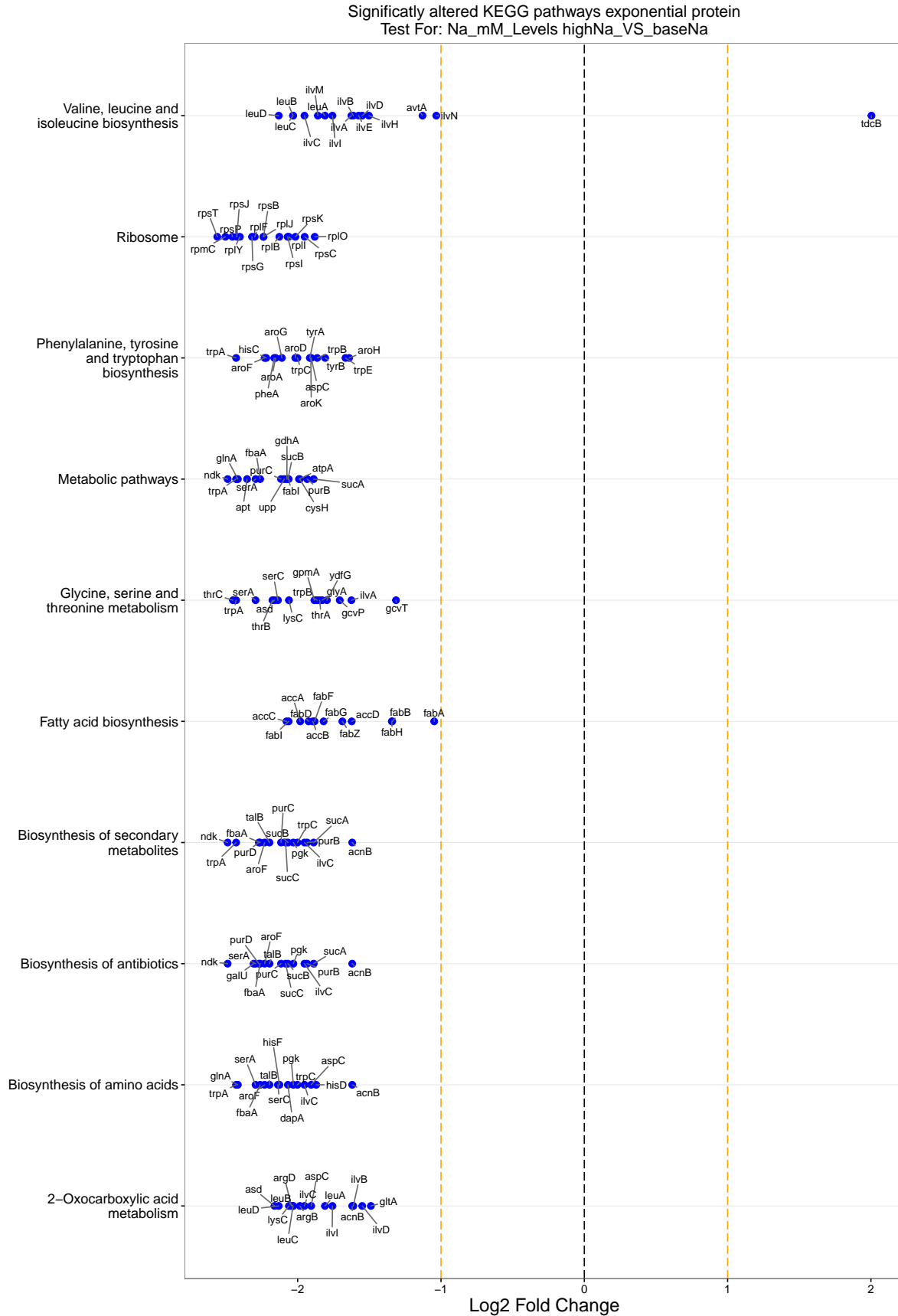


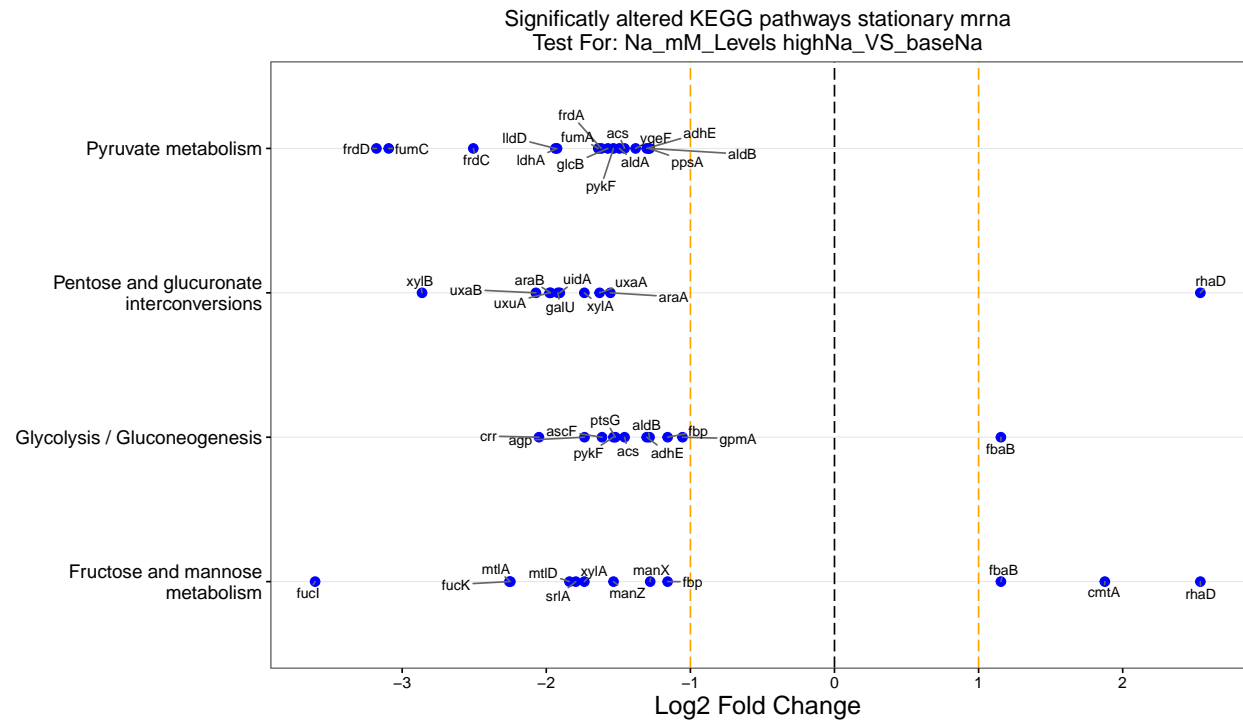




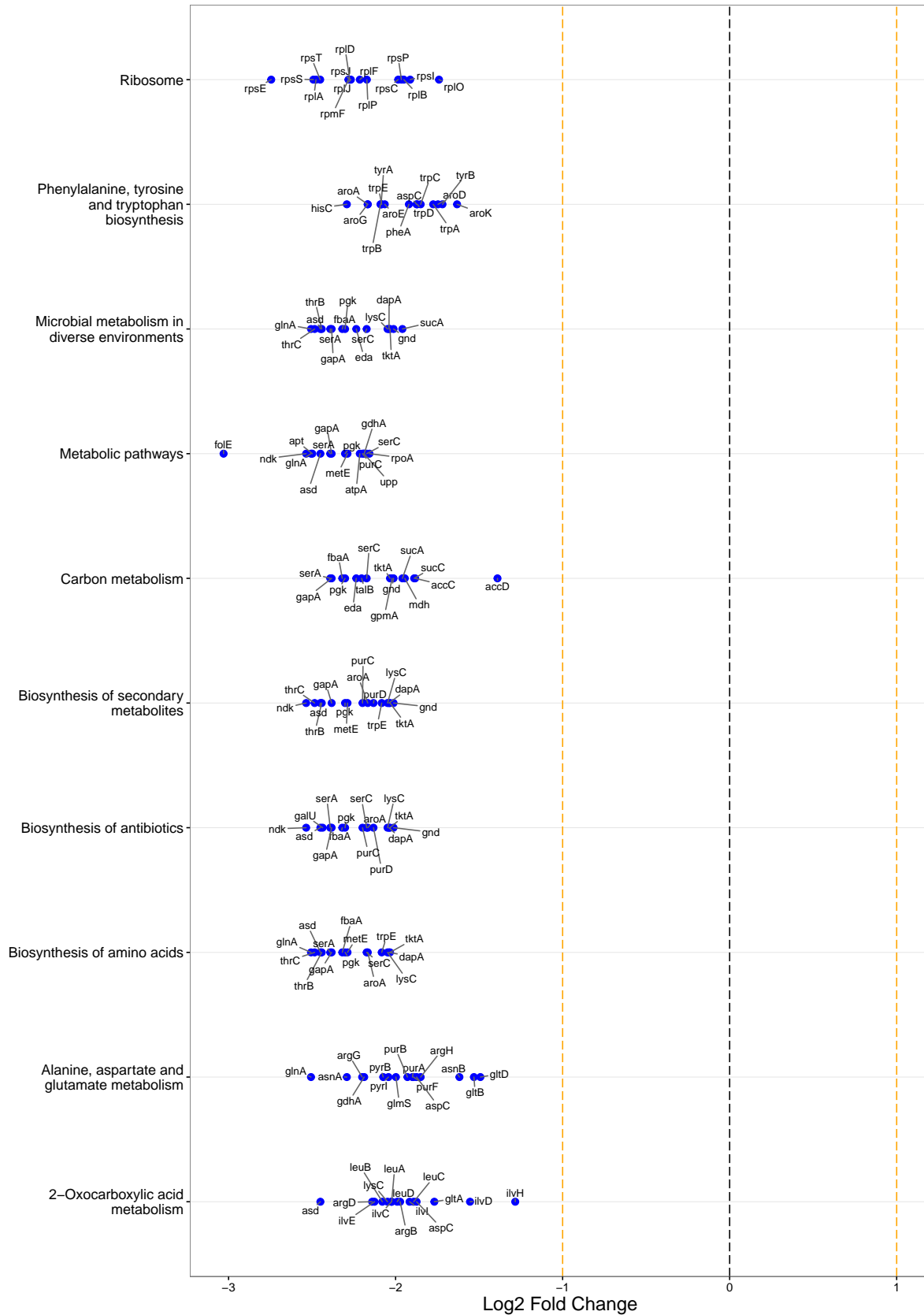




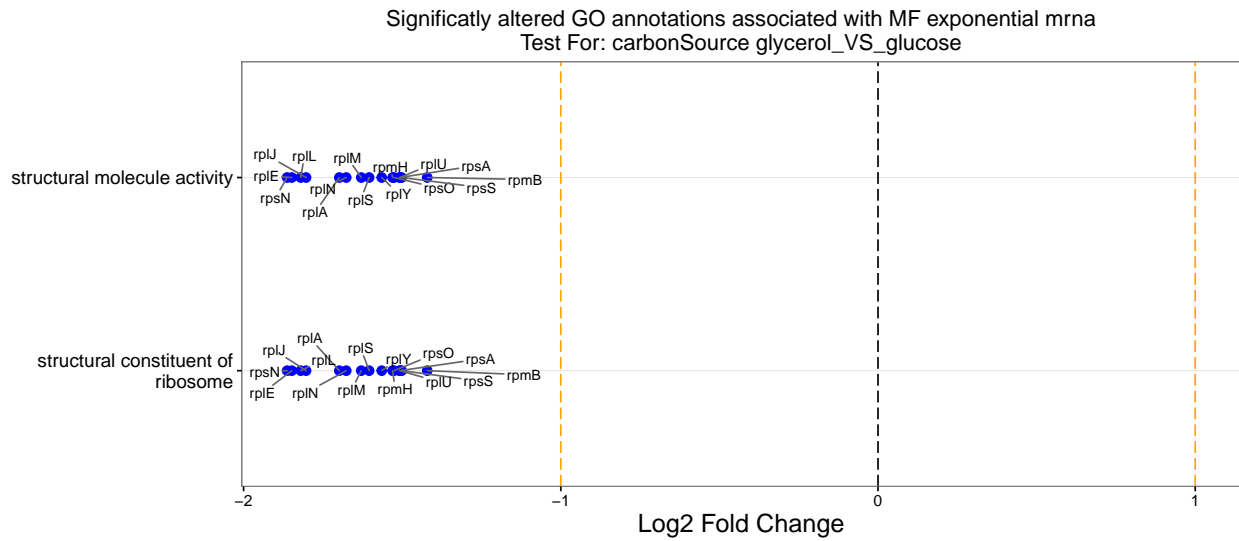


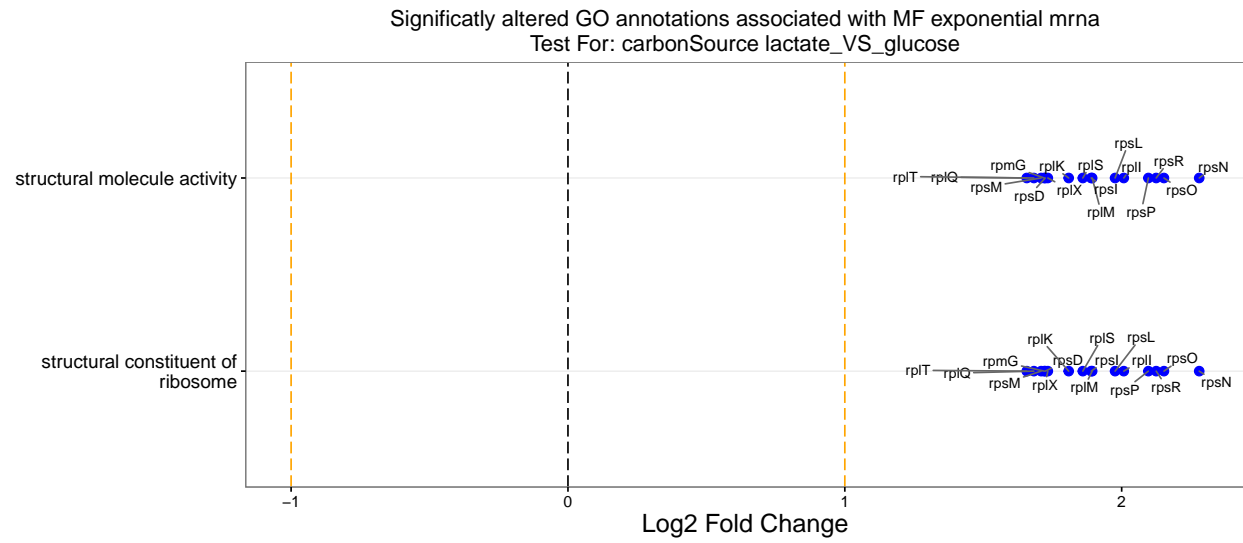


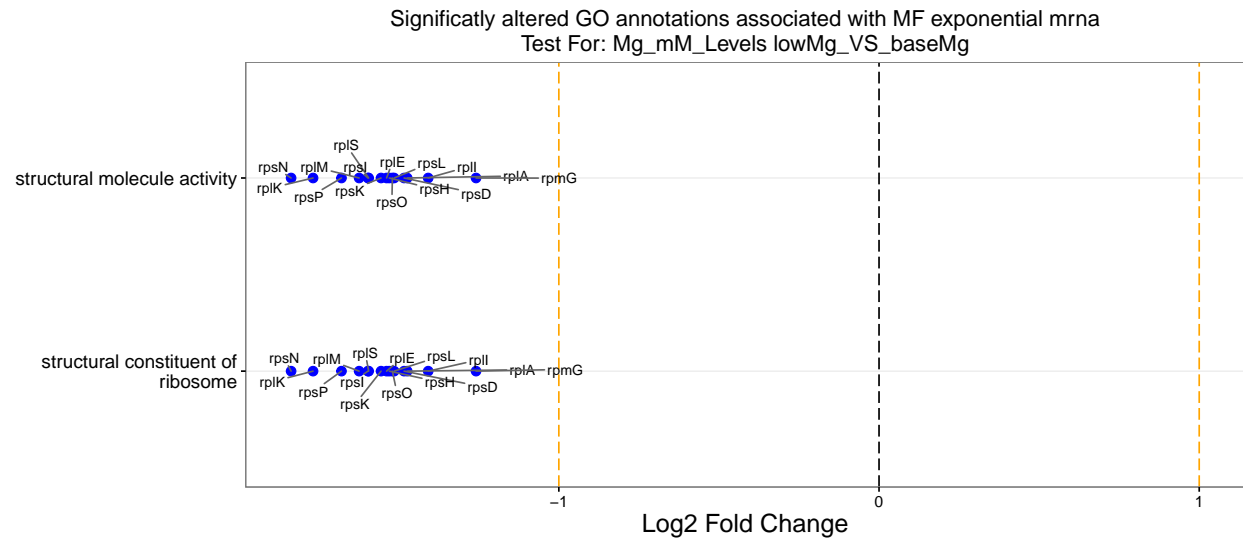
Significantly altered KEGG pathways stationary protein
Test For: Na_mM_Levels highNa_VS_baseNa



Figures related with GO Annotations associated with Molecular Function







Volcano plot showing Log2 Fold Change (X-axis) versus Log2 Fold Change (Y-axis). The X-axis ranges from -3 to 1, with a vertical dashed line at -1 and a solid vertical line at 0. The Y-axis labels are 'structural molecule activity' and 'structural constituent of ribosome'. The plot displays numerous data points, many of which are labeled with gene names, indicating significant changes in expression for these genes.

Category	Gene	Log2 Fold Change (approx.)
structural molecule activity	rpsT	-2.8
	rpsJ	-2.7
	rpsG	-2.6
	rplB	-2.5
	rplI	-2.4
	rpsK	-2.3
	rpsC	-2.2
	rplO	-2.1
	rpmC	-2.8
	rpsP	-2.7
	rplF	-2.6
	rplJ	-2.5
	rplY	-2.4
	rpsB	-2.3
	rplB	-2.2
structural constituent of ribosome	rpsP	-2.8
	rpsJ	-2.7
	rpsG	-2.6
	rplB	-2.5
	rplI	-2.4
	rpsK	-2.3
	rpsC	-2.2
	rplO	-2.1
	rpmC	-2.8
	rpsP	-2.7
	rplF	-2.6
	rplJ	-2.5
	rplY	-2.4
	rpsB	-2.3
	rplB	-2.2

