

**Table S4 - Statistical values of bonferroni's multiple comparisons test of the r-protein quantity ((L+H)/M ratio) in the day 1 proteome (Figure 5A) dataset**

Bonferroni's multiple comparisons test	Mean 1	Mean 2	Mean Diff.	95.00% CI of diff.	N1	N2	t	DF	Significant?	Adjusted P Value
Day 1										
uL1	0.99	1.00	-0.02	-0.359 to 0.329	2	2	0.15	102	No	0.9999
uL2	0.93	1.00	-0.07	-0.414 to 0.274	2	2	0.69	102	No	0.9999
uL3	0.96	1.00	-0.04	-0.384 to 0.304	2	2	0.39	102	No	0.9999
uL4	0.90	1.00	-0.10	-0.444 to 0.244	2	2	0.99	102	No	0.9999
uL5	0.93	1.00	-0.07	-0.414 to 0.274	2	2	0.69	102	No	0.9999
uL6	1.03	1.00	0.03	-0.319 to 0.369	2	2	0.25	102	No	0.9999
bL12	1.34	1.00	0.34	-0.009039 to 0.679	2	2	3.31	102	No	0.0668
bL9	1.05	1.00	0.05	-0.299 to 0.389	2	2	0.44	102	No	0.9999
uL10	1.15	1.00	0.15	-0.194 to 0.494	2	2	1.48	102	No	0.9999
uL11	1.10	1.00	0.10	-0.244 to 0.444	2	2	0.99	102	No	0.9999
uL13	0.89	1.00	-0.11	-0.454 to 0.234	2	2	1.09	102	No	0.9999
uL14	0.94	1.00	-0.06	-0.404 to 0.284	2	2	0.59	102	No	0.9999
uL15	0.97	1.00	-0.04	-0.379 to 0.309	2	2	0.35	102	No	0.9999
uL16	0.99	1.00	-0.01	-0.354 to 0.334	2	2	0.10	102	No	0.9999
bL17	1.04	1.00	0.04	-0.304 to 0.384	2	2	0.39	102	No	0.9999
uL18	0.93	1.00	-0.08	-0.419 to 0.269	2	2	0.74	102	No	0.9999
bL19	0.94	1.00	-0.07	-0.409 to 0.279	2	2	0.64	102	No	0.9999
bL20	1.18	1.00	0.18	-0.164 to 0.524	2	2	1.78	102	No	0.9999
bL21	1.09	1.00	0.09	-0.259 to 0.429	2	2	0.84	102	No	0.9999
uL22	1.15	1.00	0.15	-0.199 to 0.489	2	2	1.43	102	No	0.9999
uL23	1.02	1.00	0.02	-0.324 to 0.364	2	2	0.20	102	No	0.9999
uL24	1.01	1.00	0.01	-0.339 to 0.349	2	2	0.05	102	No	0.9999
bL25	1.03	1.00	0.03	-0.314 to 0.374	2	2	0.30	102	No	0.9999
bL27	0.89	1.00	-0.12	-0.459 to 0.229	2	2	1.14	102	No	0.9999
bL28	0.95	1.00	-0.05	-0.394 to 0.294	2	2	0.49	102	No	0.9999
uL29	0.94	1.00	-0.06	-0.404 to 0.284	2	2	0.59	102	No	0.9999
uL30	0.86	1.00	-0.15	-0.489 to 0.199	2	2	1.43	102	No	0.9999
bL32	0.85	1.00	-0.15	-0.494 to 0.194	2	2	1.48	102	No	0.9999
bL33	1.17	1.00	0.17	-0.179 to 0.509	2	2	1.63	102	No	0.9999
bL34	0.87	1.00	-0.14	-0.479 to 0.209	2	2	1.33	102	No	0.9999
bS1	2.01	1.00	1.01	0.661 to 1.349	2	2	9.92	102	Yes	0.0001
uS2	1.03	1.00	0.03	-0.314 to 0.374	2	2	0.30	102	No	0.9999
uS3	0.96	1.00	-0.05	-0.389 to 0.299	2	2	0.44	102	No	0.9999
uS4	0.91	1.00	-0.09	-0.434 to 0.254	2	2	0.89	102	No	0.9999
uS5	0.99	1.00	-0.02	-0.359 to 0.329	2	2	0.15	102	No	0.9999
bS6	1.19	1.00	0.19	-0.159 to 0.529	2	2	1.83	102	No	0.9999
uS7	0.86	1.00	-0.15	-0.489 to 0.199	2	2	1.43	102	No	0.9999
uS8	0.90	1.00	-0.10	-0.444 to 0.244	2	2	0.99	102	No	0.9999
uS9	0.95	1.00	-0.06	-0.399 to 0.289	2	2	0.54	102	No	0.9999
uS10	0.95	1.00	-0.06	-0.399 to 0.289	2	2	0.54	102	No	0.9999
uS11	0.94	1.00	-0.06	-0.404 to 0.284	2	2	0.59	102	No	0.9999
uS12	1.01	1.00	0.01	-0.334 to 0.354	2	2	0.10	102	No	0.9999
uS13	1.02	1.00	0.02	-0.324 to 0.364	2	2	0.20	102	No	0.9999
uS14	0.93	1.00	-0.08	-0.419 to 0.269	2	2	0.74	102	No	0.9999
uS15	1.08	1.00	0.08	-0.269 to 0.419	2	2	0.74	102	No	0.9999

Bonferroni's multiple comparisons test	Mean 1	Mean 2	Mean Diff.	95.00% CI of diff.	N1	N2	t	DF	Significant?	Adjusted P Value
bS16	0.84	1.00	-0.17	-0.509 to 0.179	2	2	1.63	102	No	0.9999
uS17	1.02	1.00	0.02	-0.329 to 0.359	2	2	0.15	102	No	0.9999
bS18	0.98	1.00	-0.03	-0.369 to 0.319	2	2	0.25	102	No	0.9999
uS19	0.97	1.00	-0.03	-0.374 to 0.314	2	2	0.30	102	No	0.9999
bS20	0.79	1.00	-0.22	-0.559 to 0.129	2	2	2.12	102	No	0.9999
bS21	0.80	1.00	-0.20	-0.544 to 0.144	2	2	1.97	102	No	0.9999

Parameter	Description
Mean 1	Mean of values on Day 1
Mean 2	Mean 2 - control (1±10%)
Mean Diff.	(Mean diff.) = (Mean 1) - (Mean 2)
95.00% CI of diff.	95% probability that difference between Mean 1 and Mean 2 is between reported range
N1	Number of values used to calculate Mean 1
N2	Number of values used to calculate Mean 2
t	t is the ratio of the departure of the estimated value of a parameter from its hypothesized value to its standard error.
DF	Degrees of Freedom
Significant?	Is Mean 1 significantly different from Mean 2 ?
Adjusted P Value	The adjusted P value is the smallest familywise significance level at which a particular comparison will be declared statistically significant as part of the multiple comparison testing