

## Table 1

**Table 1: Proteome and Phosphoproteome coverage.**

Identified, quantified and significantly changing diurnal proteins, phosphopeptides and phosphoproteins. Quantification confidence thresholds include: proteome:  $\geq 2$  proteotypic peptides; phosphoproteome: phosphorylation site probability ID  $\geq 0.8$ , quantified in  $\geq 2$  biological replicates and 3/3 transition time-points. Significance thresholds include: proteome: FC  $\geq 1.5$  and ANOVA P value  $\leq 0.05$ ; phosphoproteome: ANOVA P value  $\leq 0.05$ . Application of proteome and phosphoproteome significance thresholds are denoted by a single (\*) and double (\*\*) stars, respectively.

	Proteome	Phosphoproteome
Protein IDs	7060	1091
Peptide IDs	n/a	1776
Proteins Quantified	4762	725
Peptides Quantified	n/a	1056
Sig. Changing Proteins	*288	**226
Sig. Changing Peptides	n/a	**271