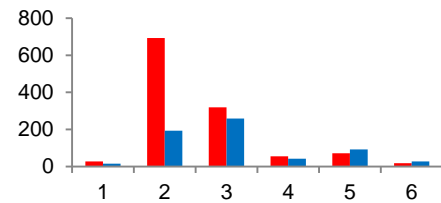
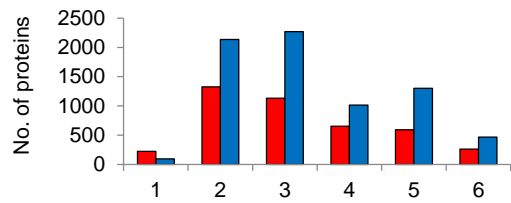


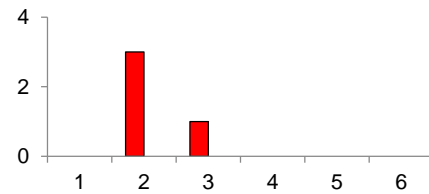
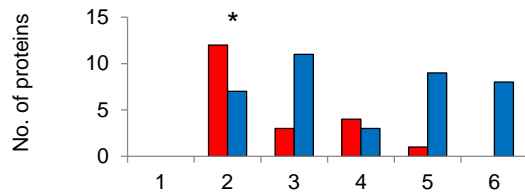
## Nonmodified proteins

## Phosphorylated proteins

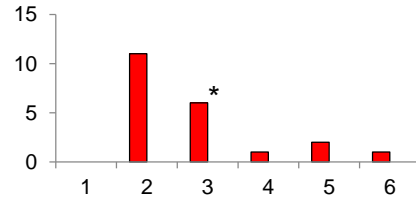
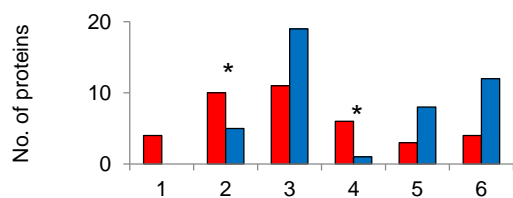
all 35 bins



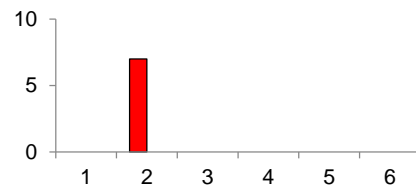
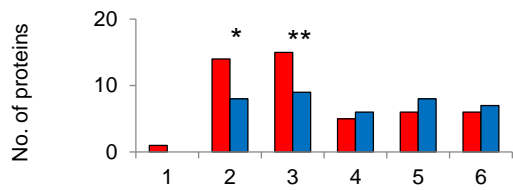
bin 1 - photosynthesis



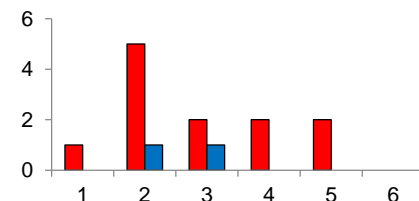
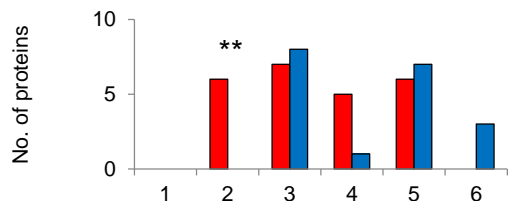
bin 2 – major CHO metabolism



bin 3 – minor CHO metabolism



bin 4 – glycolysis



bin 5 – fermentation

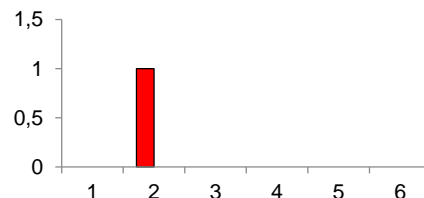
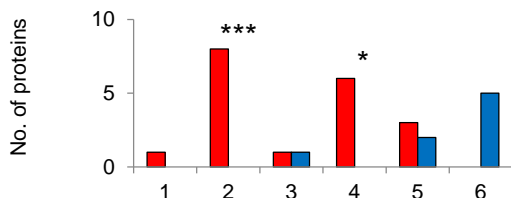


Figure S2. Distribution of differentially accumulated nonmodified and phosphorylated proteins between 6 tissue pairwise comparisons into 35 distinct MapMan bins. \*:  $p \leq 0.05$ ; \*\*:  $p \leq 0.01$ ; \*\*\*:  $p \leq 0.001$ . Compare Figure 2A and Figure S1A for color legend.

### Nonmodified proteins

### Phosphorylated proteins

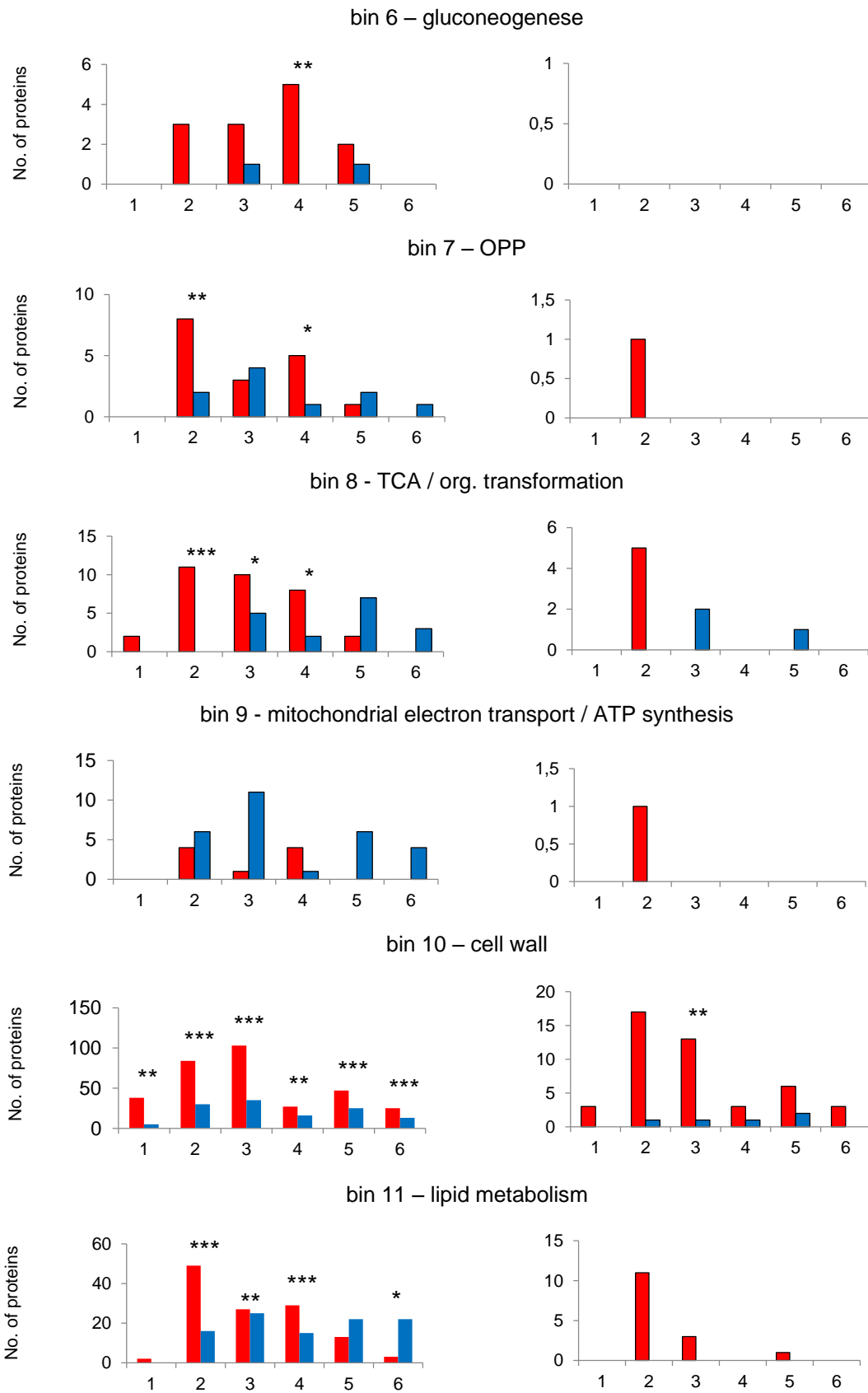


Figure S2 continued.

### Nonmodified proteins

### Phosphorylated proteins

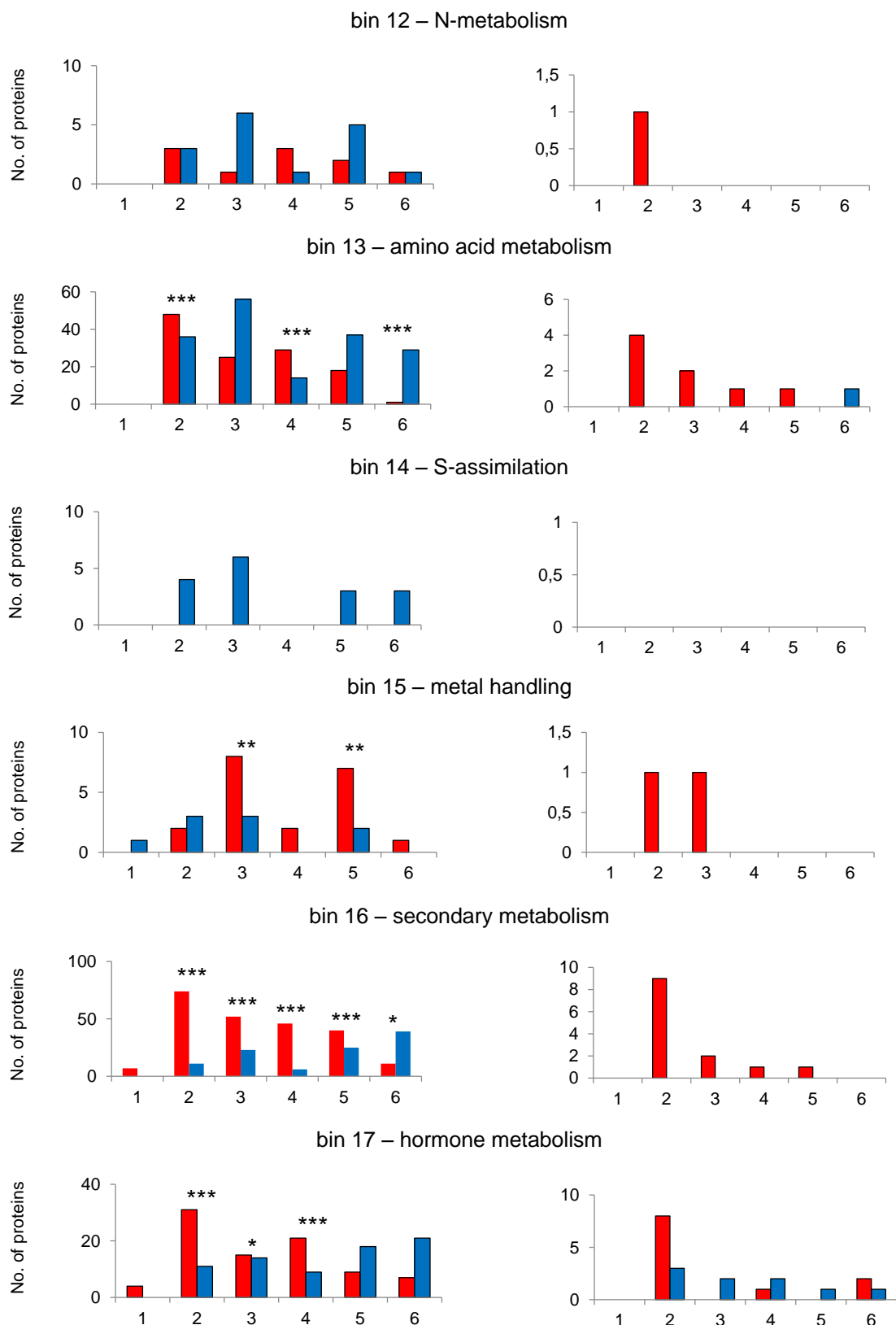
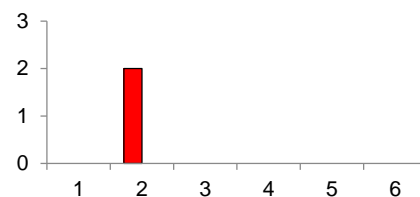
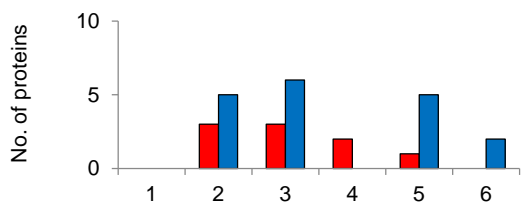


Figure S2 continued.

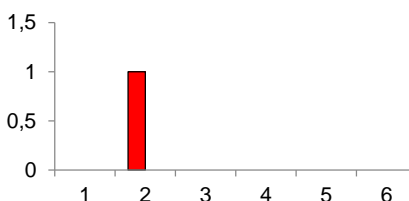
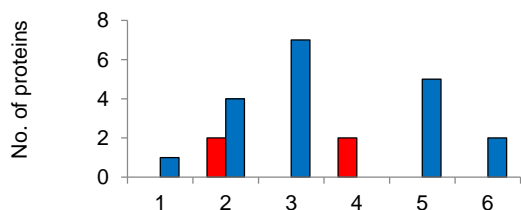
### Nonmodified proteins

### Phosphorylated proteins

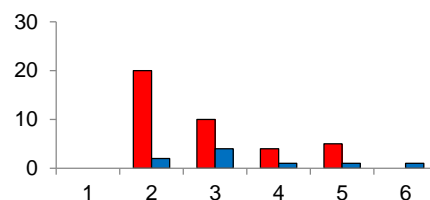
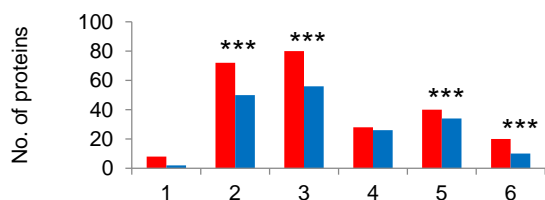
bin 18 – Co-factor and vitamin metabolism



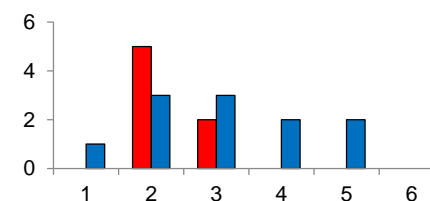
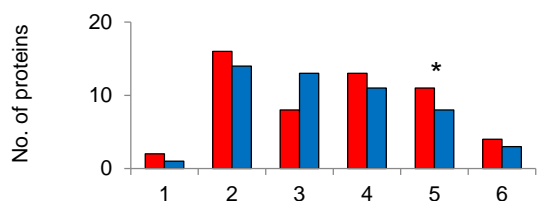
bin 19 - tetrapyrrole synthesis



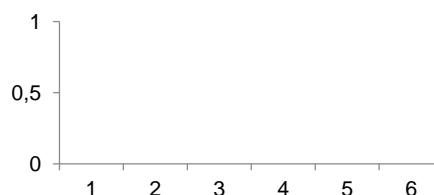
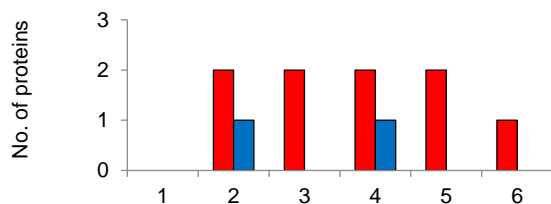
bin 20 – stress



bin 21 – redox



bin 22 – polyamine metabolism



bin 23 – nucleotide metabolism

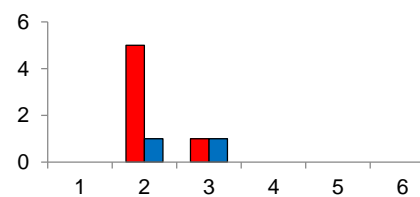
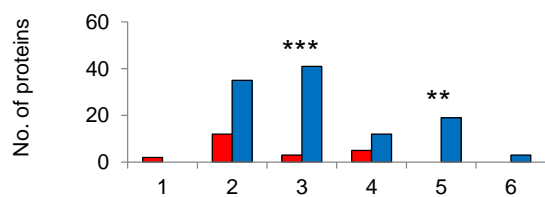


Figure S2 continued.

### Nonmodified proteins

### Phosphorylated proteins

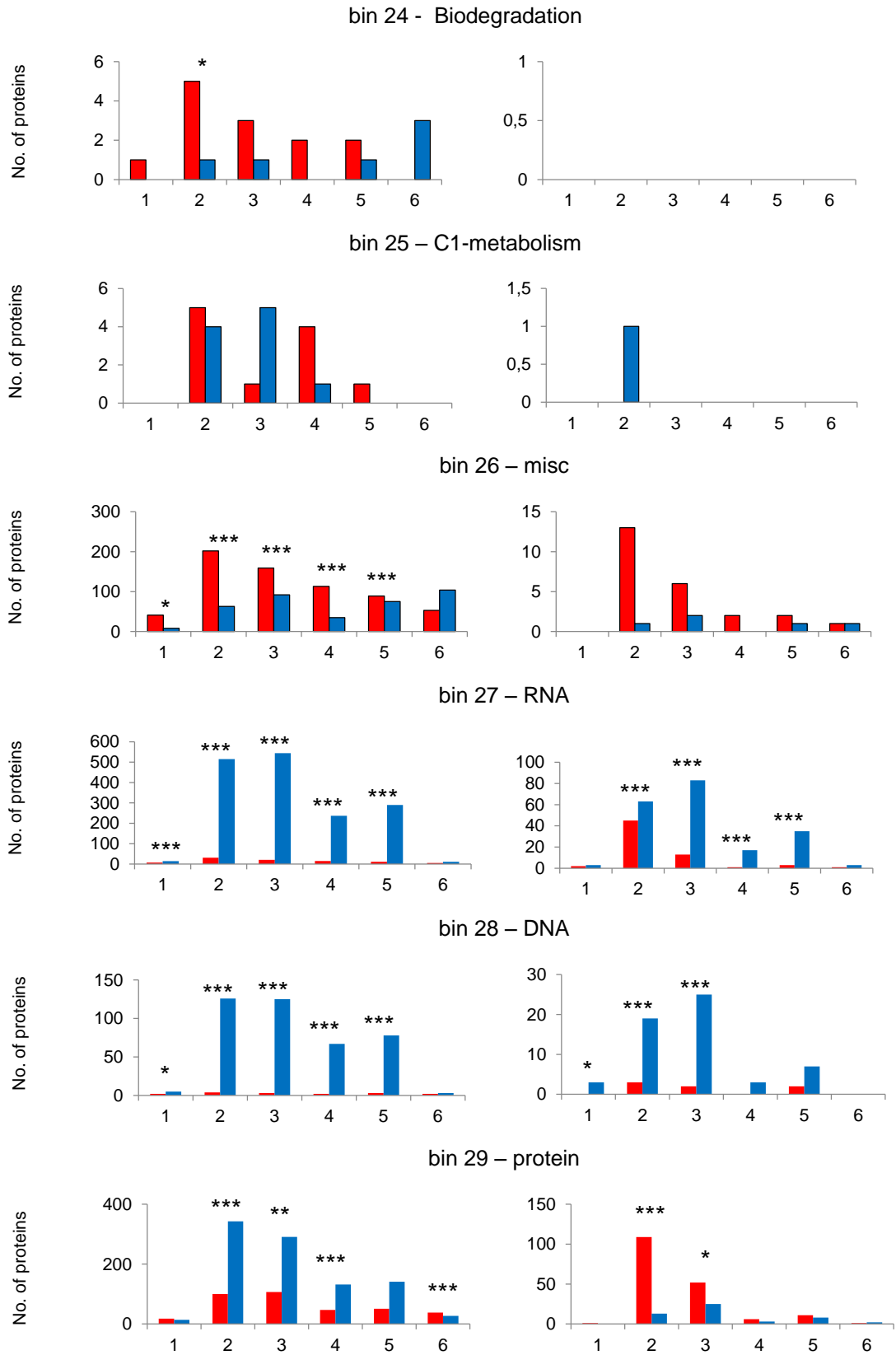
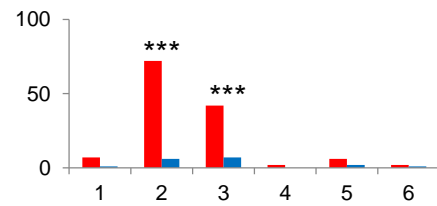
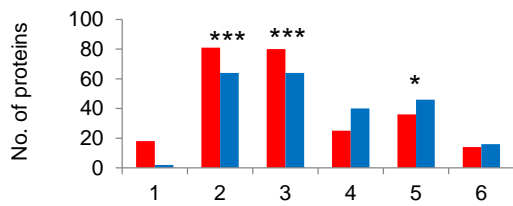


Figure S2 continued.

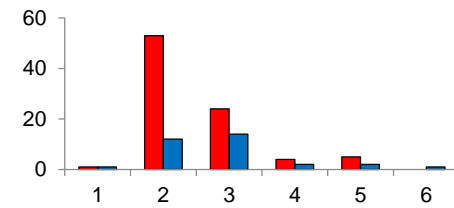
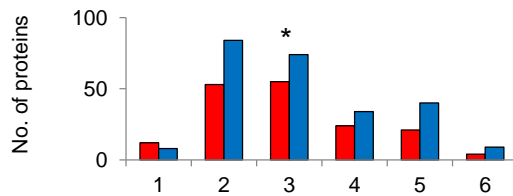
### Nonmodified proteins

### Phosphorylated proteins

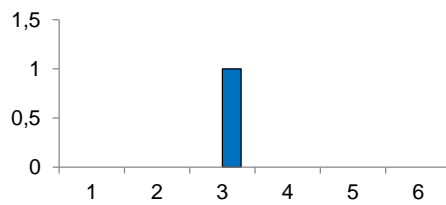
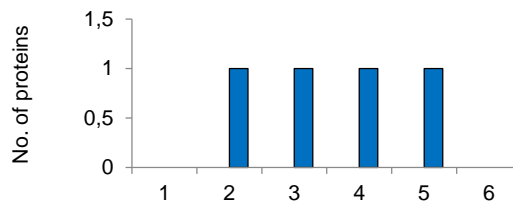
#### bin 30 – signaling



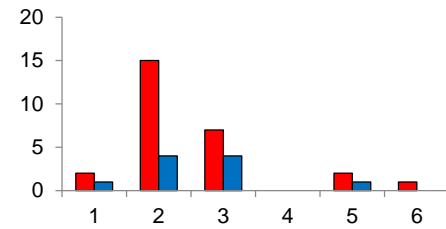
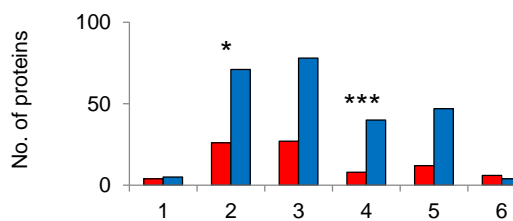
#### bin 31 – cell



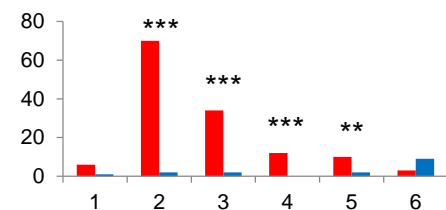
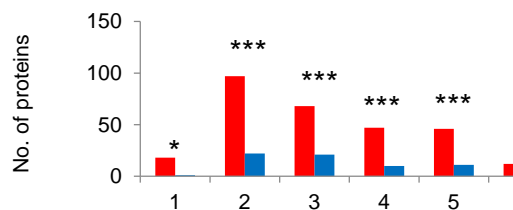
#### bin 32 – micro RNA



#### bin 33 – development



#### bin 34 – transport



#### bin 35 – not assigned

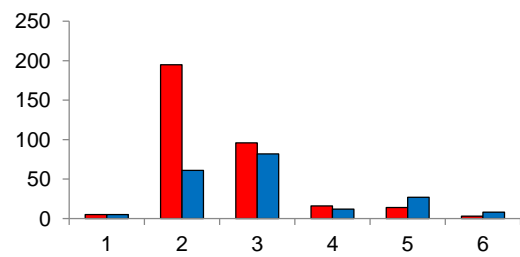
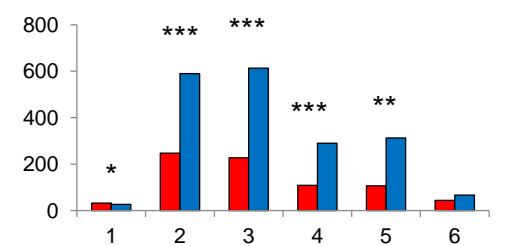


Figure S2 continued.