Supplementary Table S2. **List of representative references for phosphosites identified using mass spectrometry analysis.**

Because for some residues in lamins, there were over 200 experiments reporting phosphorylation, only the representative references were chosen (the latest and those reporting the most identified sites in lamins). For each site identified by large scale proteomic analyses, at least one reference is listed below.

**H. sapiens Lamin A/C:**

**M. musculus Lamin A/C**

D. melanogaster Lamin C

H. sapiens Lamin B1

M. musculus Lamin B1

D. melanogaster Lamin Dm
**H. sapiens Lamin B2**


5) Kettenbach AN, et al. (2011) Quantitative phosphoproteomics identifies substrates and functional modules of aurora and polo-like kinase activities in mitotic cells. Sci Signal 4, rs5


**M. musculus Lamin B2**


