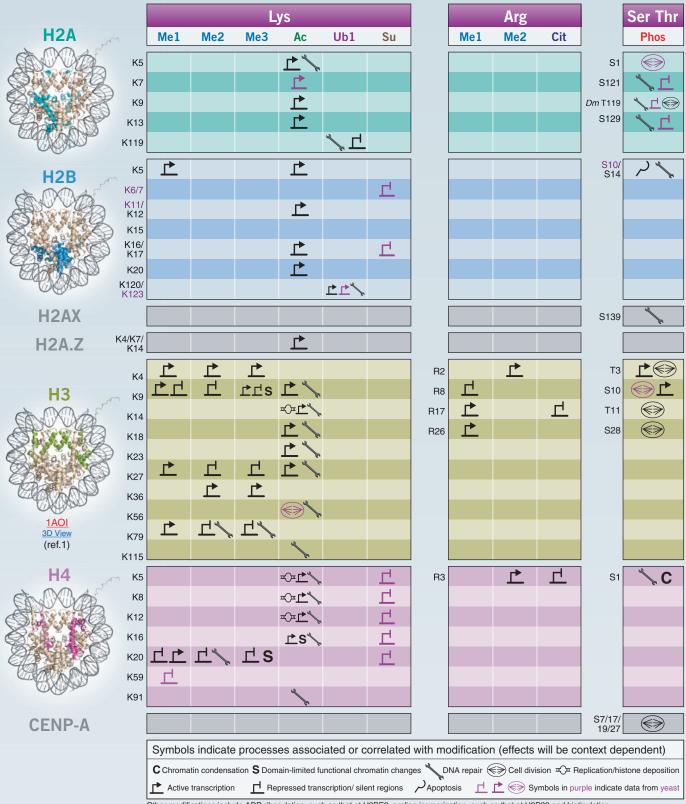
FUNCTIONS ASSOCIATED WITH COVALENT HISTONE MODIFICATIONS



Other modifications include ADP ribosylation, such as that at H2BE2, proline isomerization, such as that at H3P38 and biotinylation.

'3D ref' columns list structure citations (in some cases including homologs from other species). Further reading can be found in refs. 106–139 and references cited therein.

Additional histone variants have been identified and are modified. These include macroH2A and histone H3.3 (ref. 106). Residues not shown are also modified to macroH2A and histone H3.3 (ref. 106). Residues not shown are also modified to macroH2A and the Reviews in this issue cover in detail the functions associated with modifications and cross-talk between modifications to the functions associated with modifications and cross-talk between modifications to the functions are also modified to macroH2A and/or SMART (http://smart.embl-heidelberg.de/). Me, methylation; Ub1, monoubiquitination; Ac, acetylation; Cit, citrullination; Phos, phosphorylation; Su, sumoylation.

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