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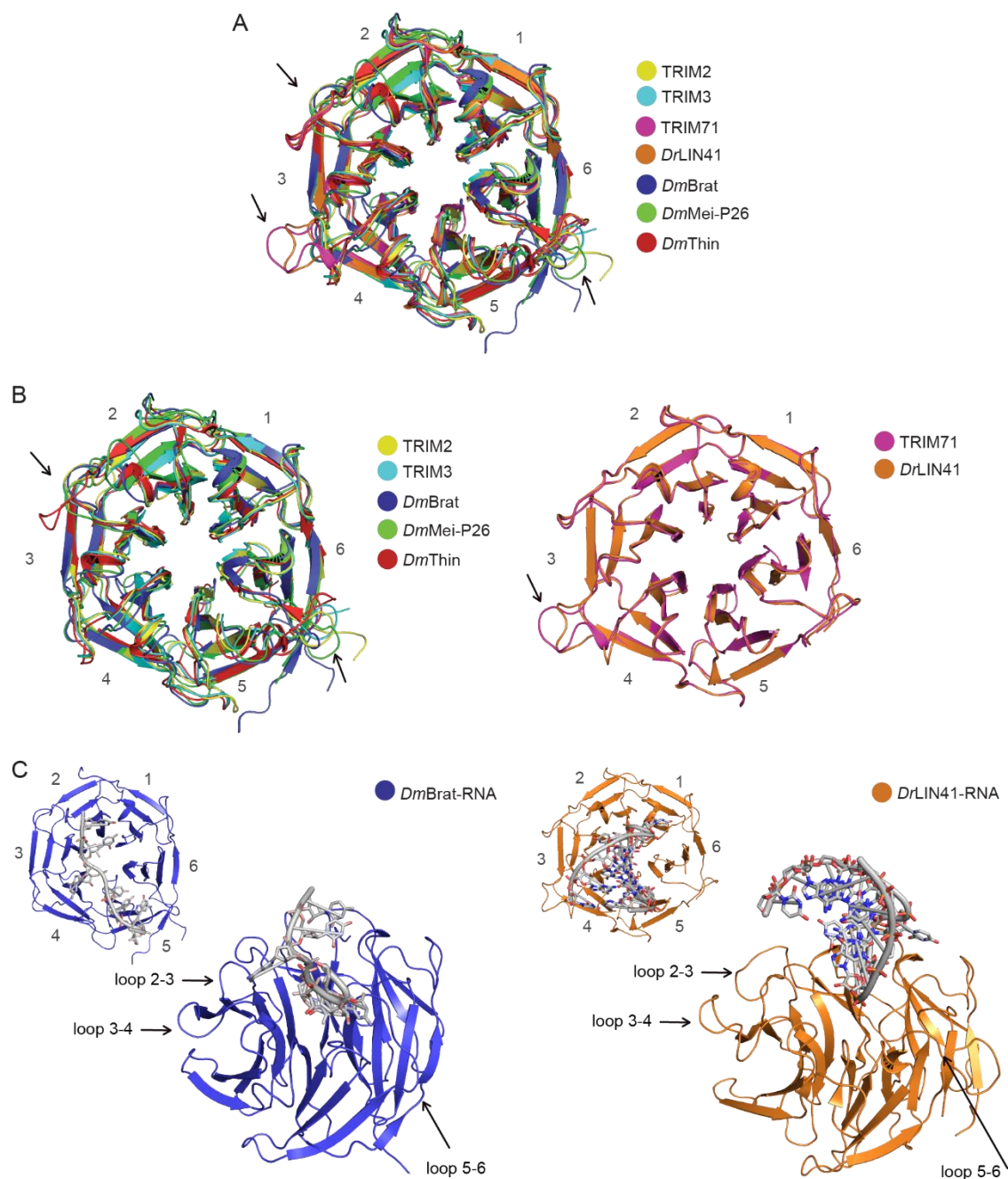
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Supporting information for article:

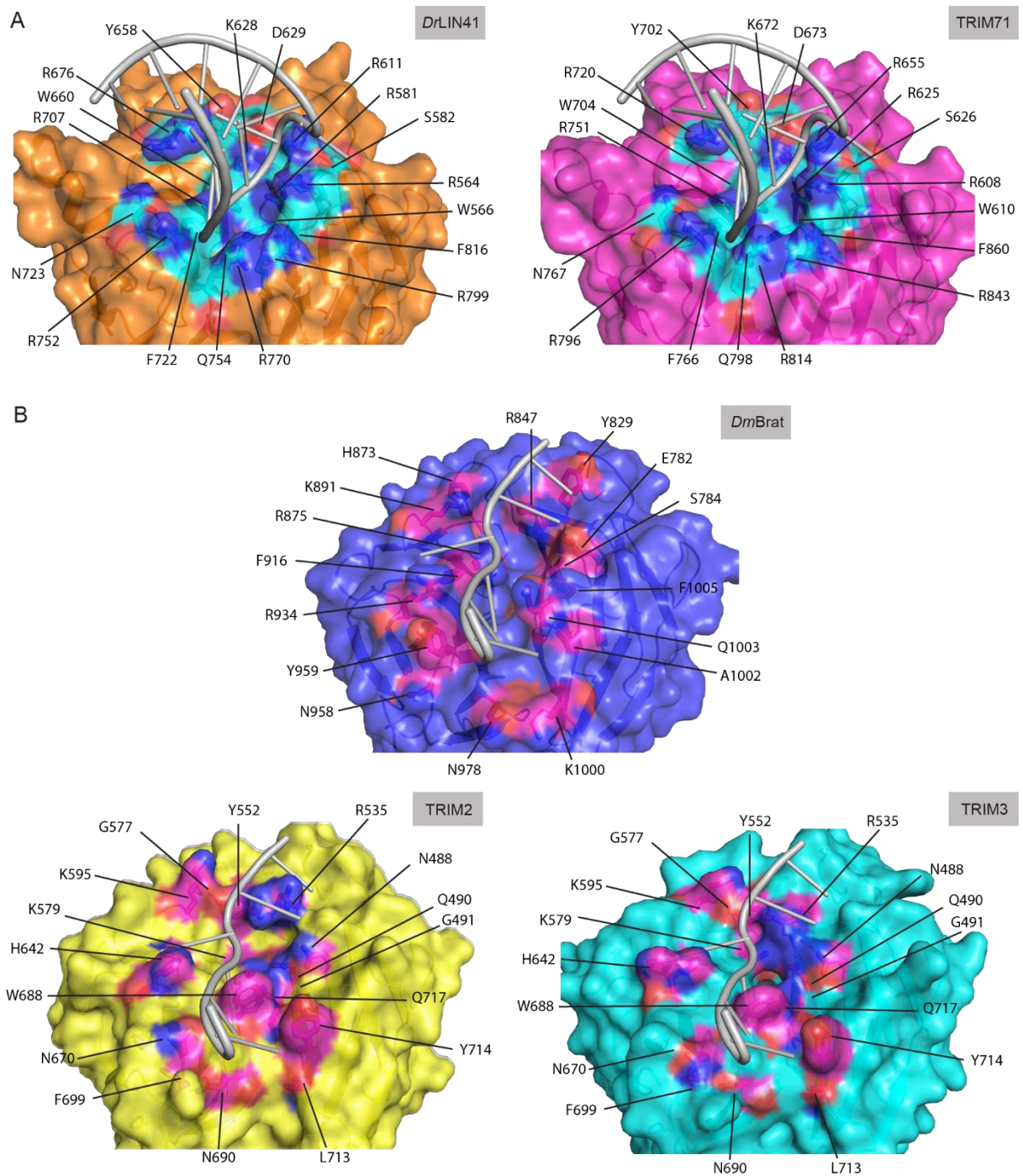
Comparative structural analyses of the NHL domains from the human E3 ligase TRIM-NHL family

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Supplementary information



Supplementary Figure S1. Structural comparison of TRIM2/3/71 and their homologues. A, B) Superimposition of the structures of the NHL domains of TRIM2/3/71, *DrLIN41* (pdb id: 6fql), *DmBrat* (pdb id: 4zlr), *DmMei-P26* (pdb id: 7nyq) and *DmThin* (pdb id: 6d69). Arrows highlight the interblade loops that exhibit conformational variation. C) The RNA-complexed *DrLIN41* (pdb id: 6fql) and *DmBrat* (pdb id: 4zlr) showing the locations of interblade loop 2-3, 3-4 and 5-6 peripheral to the binding pockets.



Supplementary Figure S2. Comparison of the binding pockets of TRIM2/3/71 and their homologues.

Surface representation showing the binding pockets of TRIM71 and its homologue *DrLin41* (top, A) and TRIM2/3 and their homologue *DmBrat* (bottom, B). The bound RNA molecules from *DrLin41* (pdb id: 6fql) and *DmBrat* (pdb id: 4zlr) structures are shown in grey cartoon representation. Residues in vicinity of the binding site are highlighted and labelled.