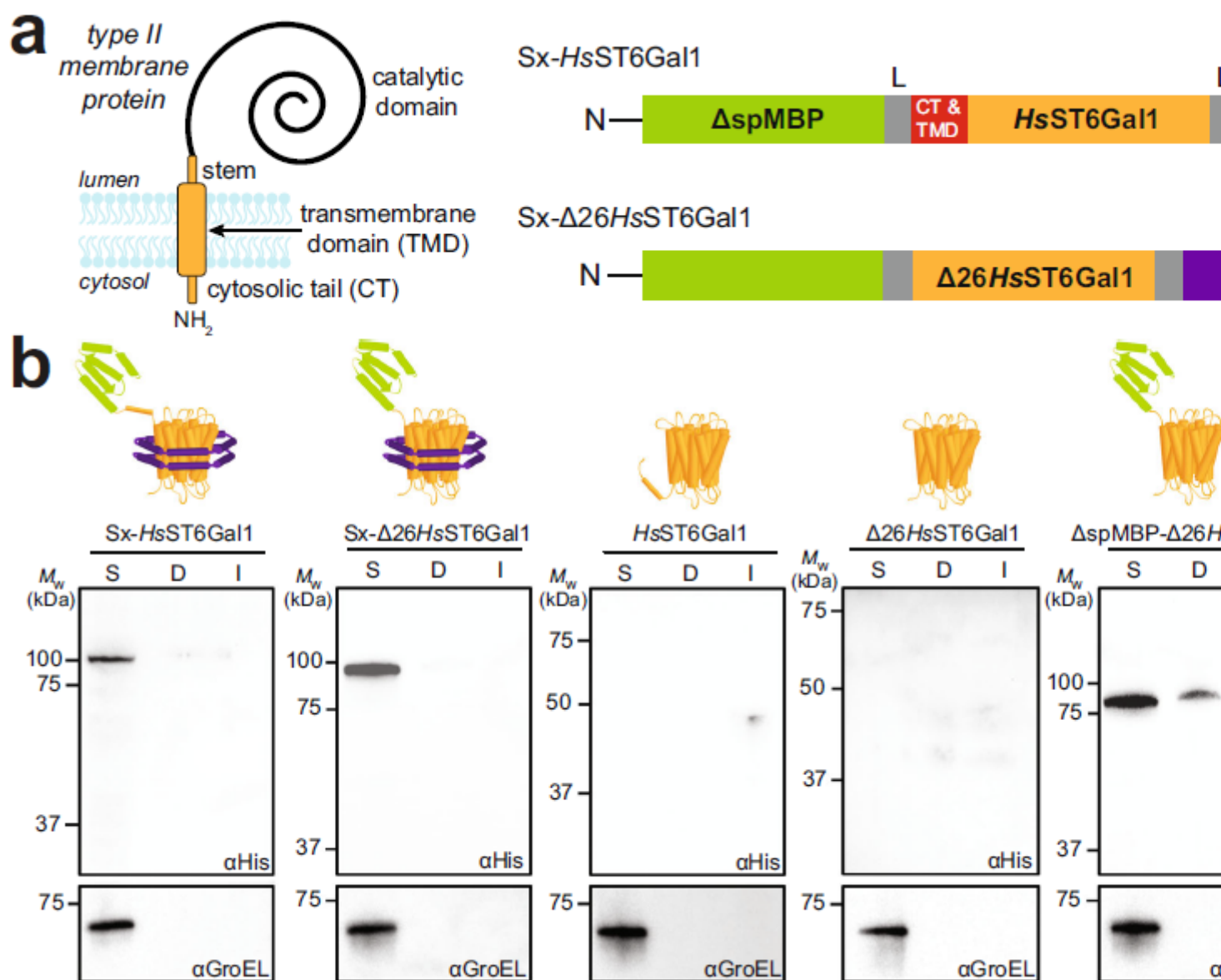


of human origin, across several commonly used expression platforms.



Using a subset of these water-soluble enzymes, the authors perform structural remodeling of free and protein-linked glycans, including those found on the monoclonal antibody therapeutic trastuzumab. Overall, our strategy for rationally redesigning GTs provides a practical and versatile biosynthetic route to large quantities of diverse, enzymatically active GTs, which should find use in structure-function studies as well as in biochemical and biomedical applications involving complex glycomolecules

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