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The GlpF residue Trp219 is part of an amino-acid cluster crucial for aquaglyceroporin oligomerization and function

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aquaglyceroporin oligomerization and function**

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Abbreviations used: AQP, aquaporin; DDM, n-dodecyl β -D-maltoside; *E. coli*, *Escherichia coli*; GlpF, glycerol uptake facilitator; LB, lysogenic broth; LmAQP, *Leishmania major* aquaglyceroporin; MD, molecular dynamics; OD₆₀₀, optical density at 600 nm; OG, n-octyl β -D glucopyranoside; PAGE, polyacrylamide gel electrophoresis; PfAQP, *Plasmodium falciparum* aquaglyceroporin; SDS, sodium dodecyl sulfate; TM, transmembrane; wt, wild type; χ_{SDS} , micellar mole fraction of SDS.

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