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bit interesting excited state photochemistry, leading to bright fluorescence in versatile biological role and wide use as biomarkers. A molecular-level state dynamics is desirable to pinpoint the origin of the bright teins. Here we present studies on a yellow fluorescent protein variant, e photophysics behind the dual fluorescence emission upon UV studies, we propose that the unique nature of the potential energy surface ervation of minor fluorescence in Venus which is not seen in wild type
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