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An expanded genetic code for probing the role of electrostatics in enzyme catalysis by vibrational Stark spectroscopy

Jan-Stefan Völler, Hernan Biava, Peter Hildebrandt, Nediljko Budisa

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**Review****An expanded genetic code for probing the role of electrostatics in enzyme catalysis by vibrational Stark spectroscopy**Jan-Stefan Völler<sup>[a]</sup>, Hernan Biava<sup>[a][b]</sup>, Peter Hildebrandt<sup>[b]</sup>, Nediljko Budisa<sup>[a]\*</sup><sup>a</sup> Department of Chemistry, Technische Universität Berlin, Müller-Breslau-Strasse 10, D-10623 Berlin, Germany.<sup>b</sup> Department of Chemistry, Technische Universität Berlin, Straße des 17. Juni 135, D-10623 Berlin, Germany.

\* Corresponding Author (budisa@chem.tu-berlin.de)

Email addresses: jan.voeller85mail.com, hernanbiava@gmail.com, hildebrandt@chem.tu-berlin.de, budisa@chem.tu-berlin.de

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