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Hybrid periodic mesoporous organosilica designed to improve properties of

immobilized enzymes

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Figure S1 *a*. Immobilized loading versus initial enzyme loading at pH 5.0 for PMO.



Figure S1 b. Immobilized loading versus initial enzyme loading at pH 5.5 and 6.0 for E-PMA.

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Figure S2. Low-angle XRD patterns of hybrid organosilica supports.



Figure S3. TGA profiles of hybrid organosilica and functionalized amorphous silica supports.

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Figure S4. Electrophoresis.



*a*) 1: Protein standard (high range SDS-Page standard stained with coomassie G-250 stain), 2: E-PMA at pH 6.5 and 3: NAS at pH 6.5.



b) 1: Protein standard, 2: E-PMA at pH 14.0 and 3: soluble laccase.



c) 1: Protein standard, 2: soluble lipase, 3: PMO, 4: OAS (all in standard conditions).