Supporting Information for Molecules

Direct hydroxylation of benzene with hydrogen peroxide using Fe complexes encapsulated into mesoporous Y-type zeolite

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Table S1. ICP-AES results for FeL-MYZ-t and FeL-YZ catalysts.

	Si/ wt.%	Al/ wt.%	Na/ wt.%	Fe/ wt.%	Si/Al
FeL-YZ	25.9	7.9	6.1	0.9	3.1
FeL-MYZ-0	28.1	4.4	2.7	1.1	6.1
FeL-MYZ-0.5	26.2	6.5	4.8	1.0	3.9
FeL-MYZ-1.0	26.1	6.7	4.7	1.2	3.7
FeL-MYZ-5.0	26.6	7.2	5.0	1.0	3.5
FeL-MYZ-16	26.0	7.5	5.1	1.2	3.3
FeL-MYZ-24	26.0	7.4	5.2	1.2	3.4

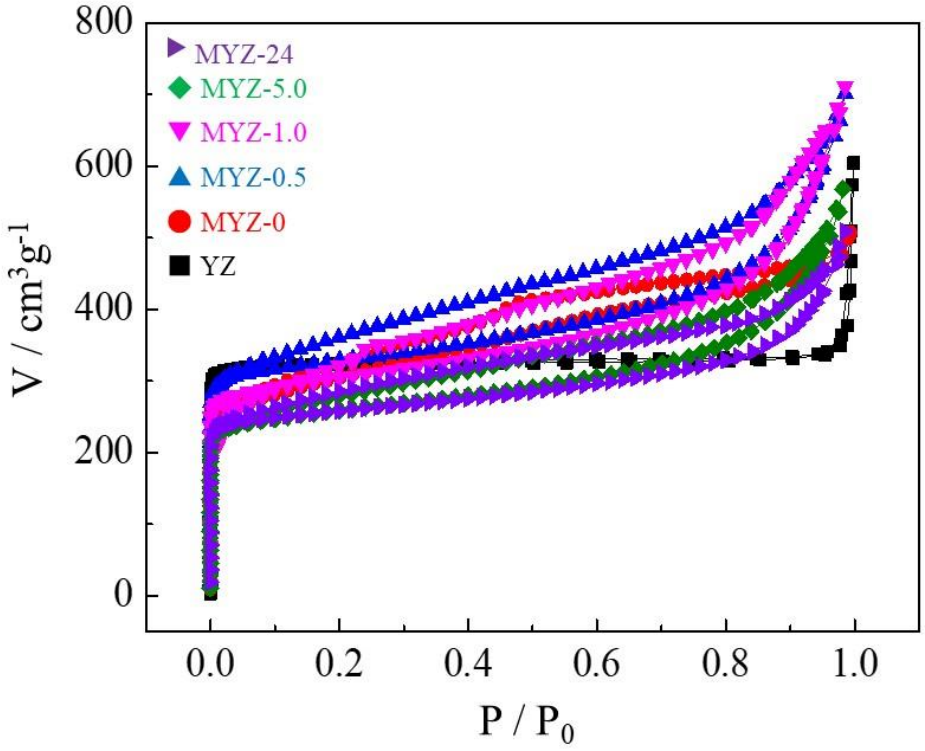

Figure S1. N_2 absorption-desorption isotherm of MYZ-t and YZ at 77 K.

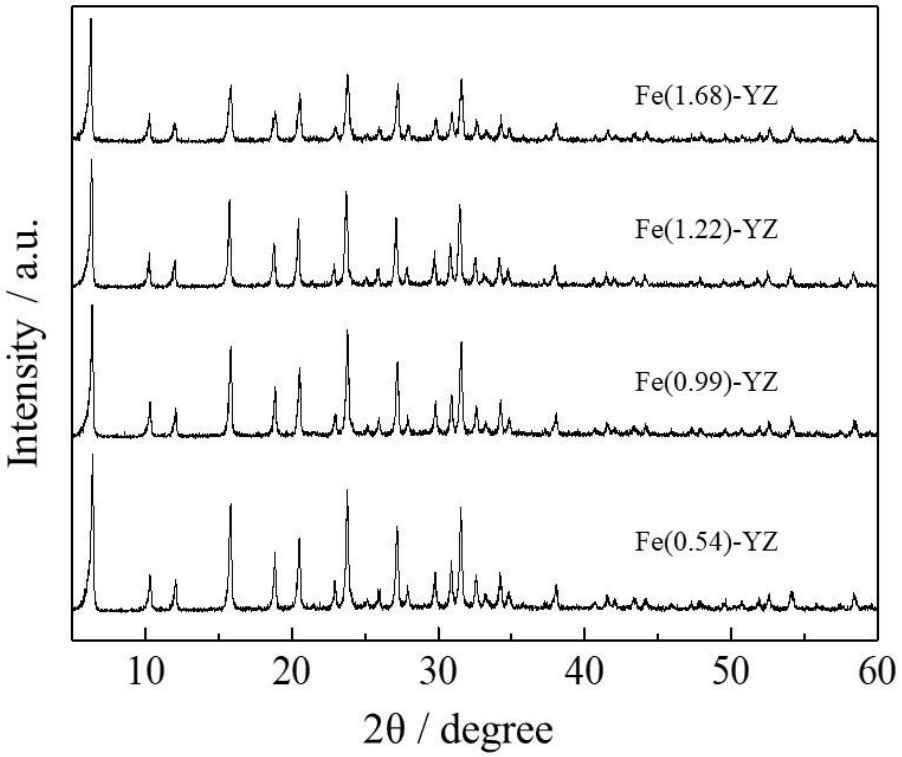

Figure S2. XRD patterns of Fe(X)-YZ.

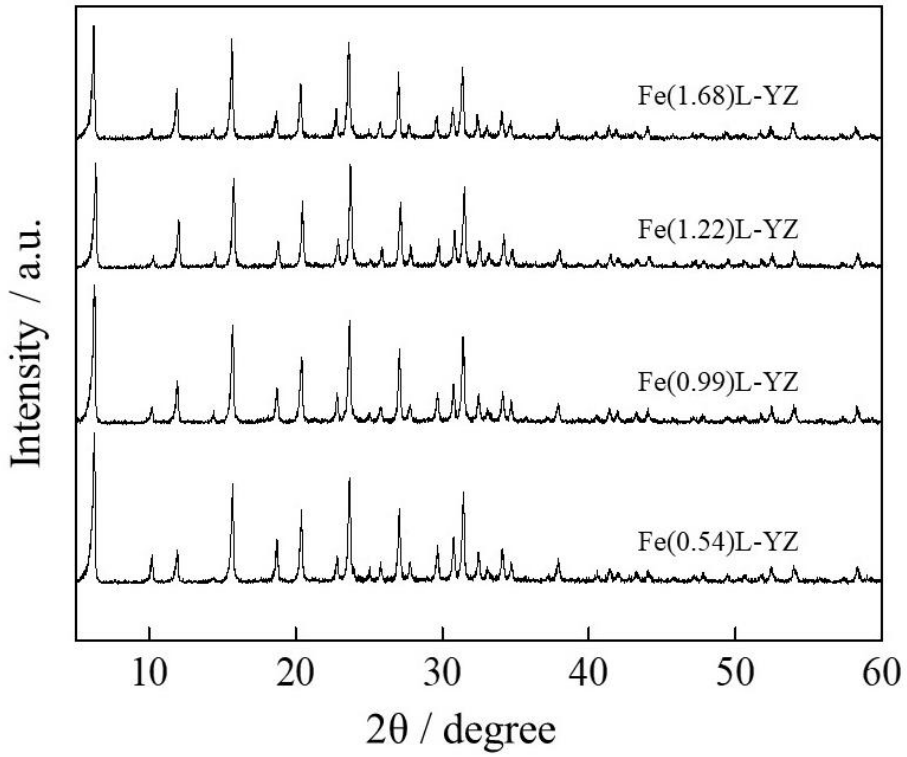

Figure S3. XRD patterns of Fe(X)L-YZ catalysts.

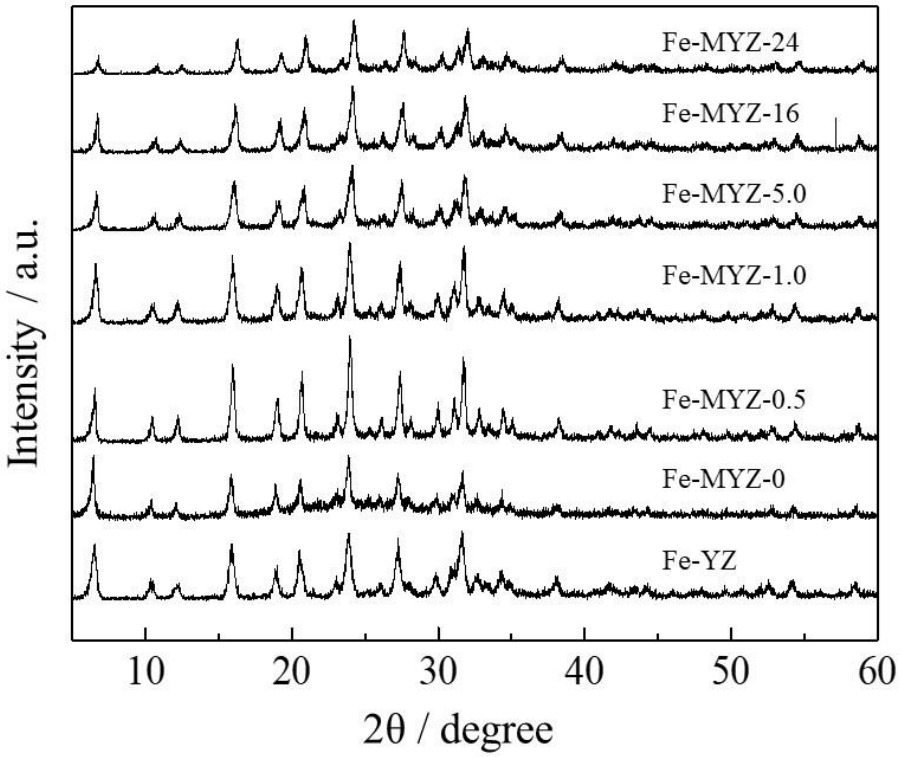

Figure S4. XRD patterns of Fe-MYZ-t and Fe-YZ.

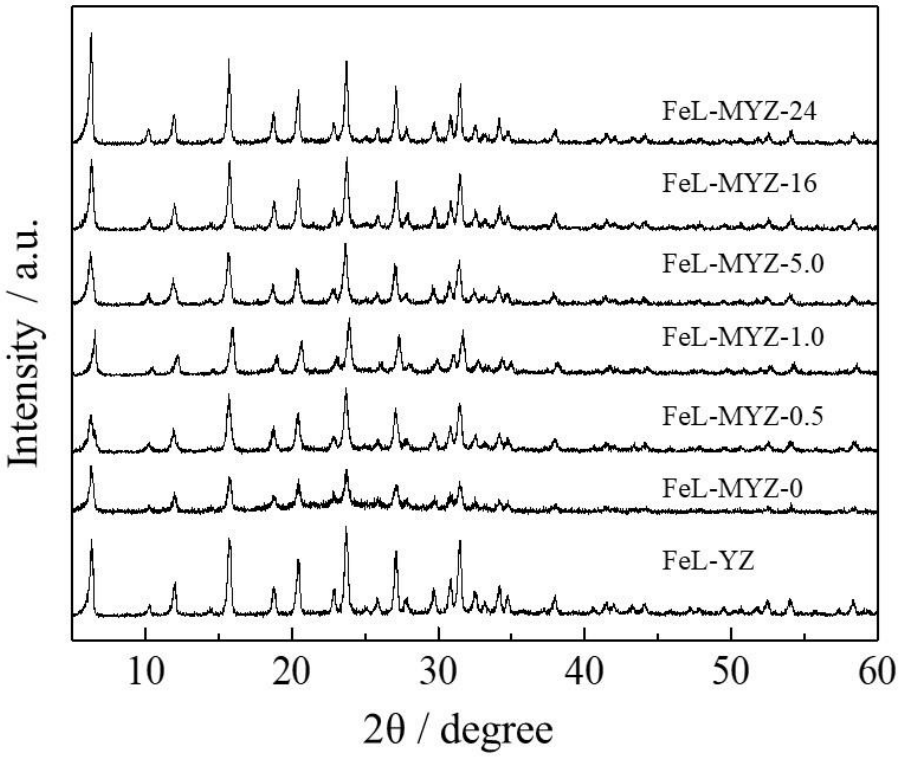

Figure S5. XRD patterns of FeL-MYZ-t and FeL-YZ catalysts.

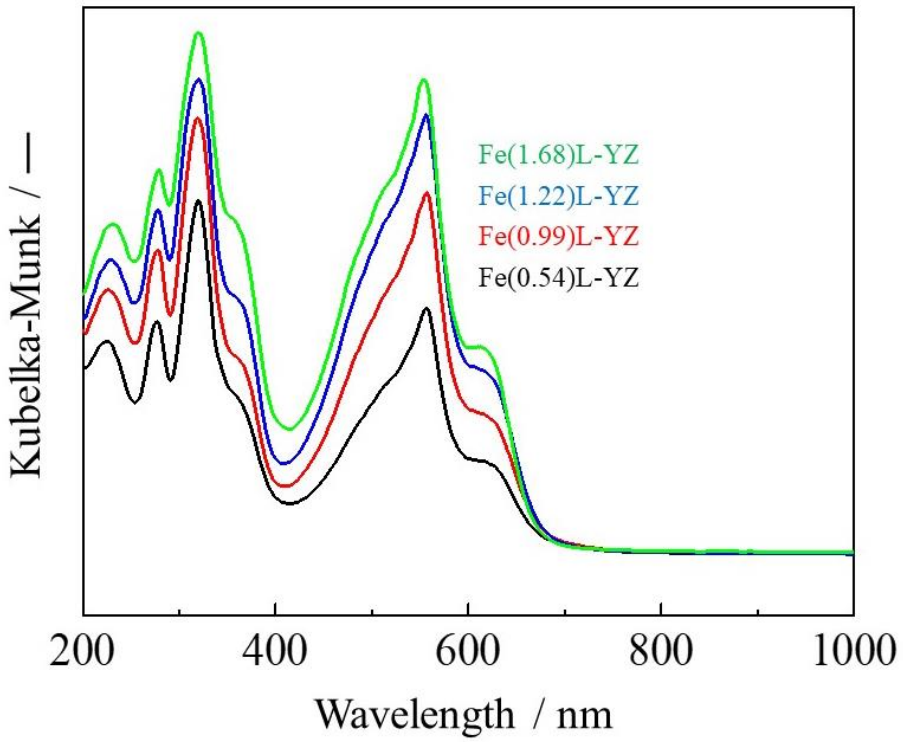

Figure S6. UV-vis. spectra of Fe(X)L-YZ catalysts.

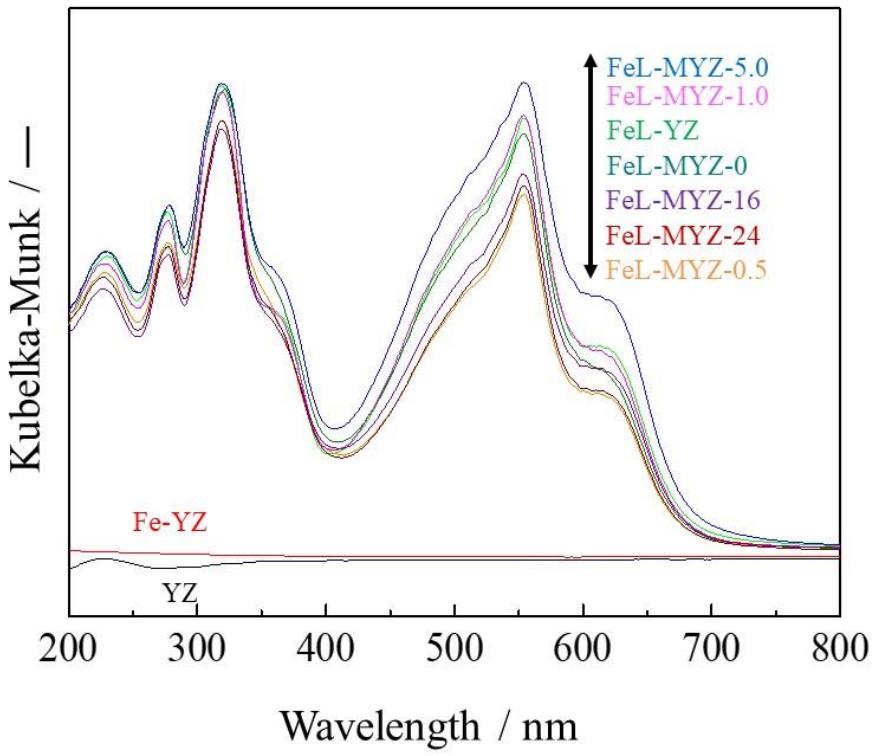

Figure S7. UV-vis. spectra of FeL-MYZ-t and FeL-YZ catalysts.