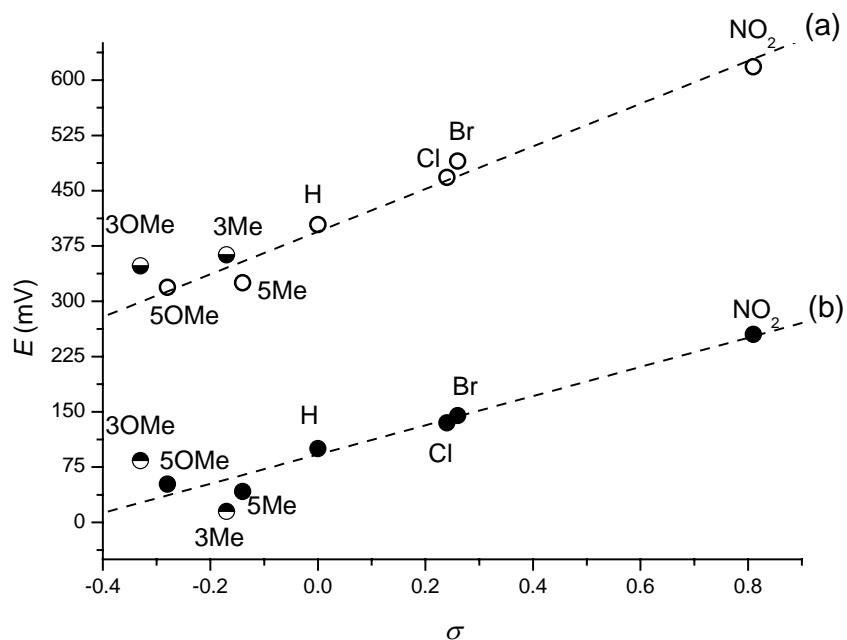


SUPPLEMENTARY DATA

Figure S1. Plot of redox potentials (vs Ag/AgCl) of X-salpentOH-Mn^{III}₂ complexes against polar substituent parameter, σ .^a (a) Mn^{III}/Mn^{III}Mn^{IV}, in DMF. (b) Mn^{III}/Mn^{II}Mn^{III}, in methanol.



^a Used σ_o are those from Taft's σ_o^* values: R. W. Taft, in *Steric Effects in Organic Chemistry*, M. S. Newman, editor, Wiley, New York, 1956, ch 13. σ_p values are from J. March, *Advanced Organic Chemistry*, 4th ed., J. Wiley & sons: New York, 1992, p 280.

Figure S2. ESI-mass spectra of mixtures of H₂O₂ + complex **1** (a) and **2** (b), in DMF. Solutions were diluted with methanol before spraying.

