Chromogenic behaviour of a family of hydrazine and hydrazone metal complexes

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Supporting Information
Figure S1. Crystal packing of complex [Pd(1)Cl₂]. The layered structure (with Pd···Pd distances indicated by dotted lines) can clearly be discerned.
Figure S2. Determination of the detection limit of Fe$^{2+}$ with ligands 1, 3, H6, and H7. Concentrations are 25 µM (top), 5 µM (middle), and 1 µM (bottom). The detection limit by the naked eye is approximately 5 µM.

Figure S3. Determination of the detection limit of Co$^{2+}$ with ligands 1, 3, H6, and H7. Concentrations are 25 µM (top), 5 µM (middle), and 1 µM (bottom). The detection limit by the naked eye is approximately 5 µM.
Figure S4. Determination of the detection limit of Pd$^{2+}$ with ligands 1, 3, H6, and H7. Concentrations are 25 μM (top), 5 μM (middle), and 1 μM (bottom). The detection limit by the naked eye is approximately 5 μM.

Figure S5. Determination of the detection limit of Cu$^{2+}$ with ligands 1, 3, H6, and H7. Concentrations are 25 μM (top), 5 μM (middle), and 1 μM (bottom). The detection limit by the naked eye is approximately 5 μM.