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Supporting Information:

Computational studies explain the importance of two different substituents on the chelating bis(amido) ligand for transfer hydrogenation by bifunctional Cp*Rh(III) catalysts

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Selected bond distances for A1, A2 and TS A1-A2 set and B analogues

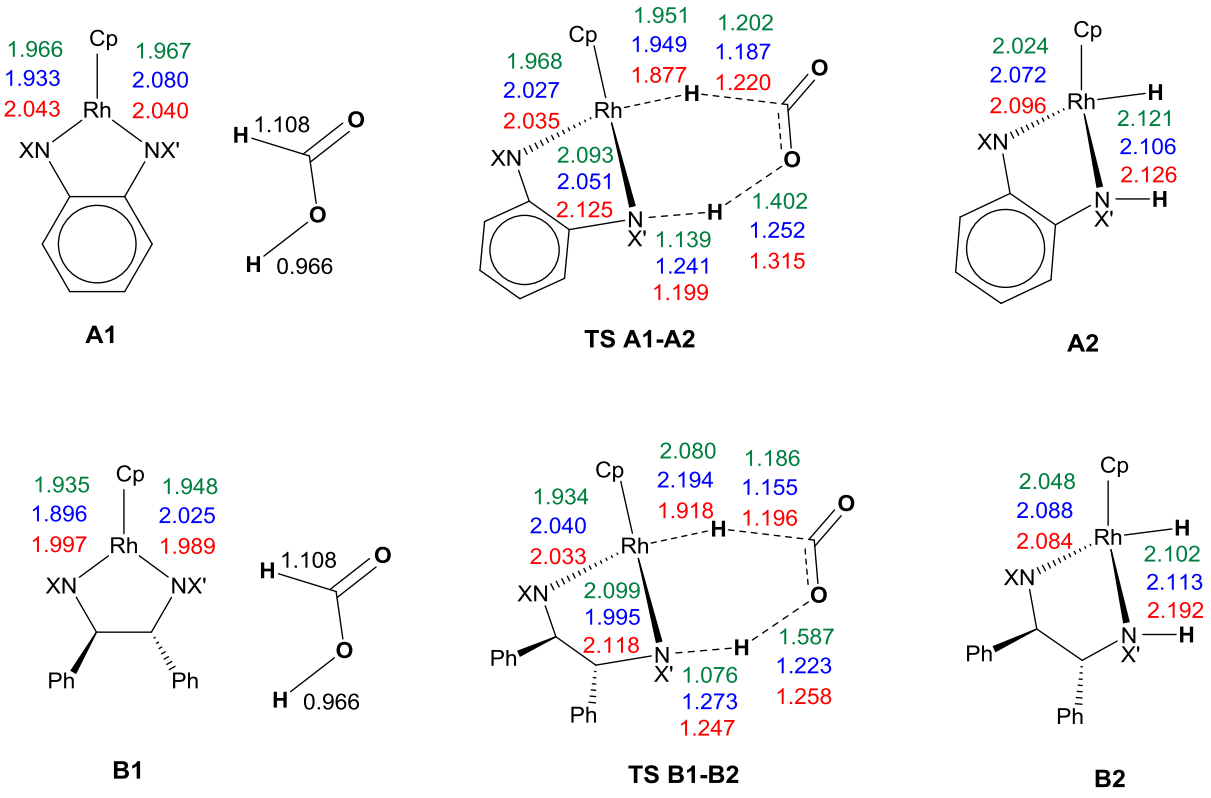

Figure S1. Distances for $\mathbf{A(B)_{H/H}}$, $\mathbf{A(B)_{Bs/H}}$ and $\mathbf{A(B)_{Bs/Bs}}$ in green, blue and red respectively.

Lewis structures used for the NBO analysis on A1 system

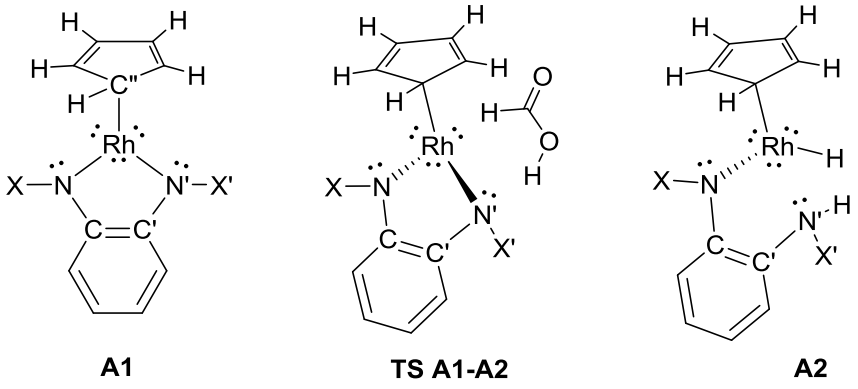

Figure S2