**S1 Text. 1H–1H gs-COSY and 1H–13C gs-HMQC spectra of complexes 3, 7 and 8.** The complexes were dissolved in DMF-*d7*.

1H–1H gs-COSY spectrum of complex *cis*-[Pt(*3Br*aza)2I2] (**3**)

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1H–13C gs-HMQC spectrum of complex *cis*-[Pt(*3Br*aza)2I2] (**3**)

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1H–1H gs-COSY spectrum of complex *cis*-[Pt(*5Br*aza)2I2] (**7**)

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1H–13C gs-HMQC spectrum of complex *cis*-[Pt(*5Br*aza)2I2] (**7**)

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1H–1H gs-COSY spectrum of complex *cis*-[PtI2(*2Me4Cl*aza)2] (**8**)

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1H–13C gs-HMQC spectrum of complex *cis*-[PtI2(*2Me4Cl*aza)2] (**8**)

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