**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**)



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



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



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



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



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

