## **Resolving the Contribution Due to Förster-Type Intramolecular Electronic Energy Transfer in Closely Coupled Molecular Dyads**

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SUPPORTING INFORMATION



**Figure S1**. Effect of applied pressure on the absorption spectral profile recorded for PyBPy in MTHF at 20 <sup>o</sup>C. The pressure was increased sequentially from atmospheric pressure to 550 MPa.



**Figure S2**. Effect of increasing pressure on the fluorescence spectral profile recorded for PyBPy in MTHF at 20 <sup>o</sup>C. The pressure was increased successively from atmospheric pressure to 550 MPa.

## Parameters used in the calculations of EET rates

For the ideal dipole approximation:

property	pyrene	perylene
J <sub>DA</sub> / cm	$1.2 \times 10^{-4}$	$7.8 \times 10^{-4}$
R <sub>CC</sub> / Å	15.1	16.8
κ <sup>2</sup>	$3.5 \times 10^{-4}$	$1.3 \times 10^{-4}$
$\mu_D / D$	2.0	3.6
$\mu_A / D$	4.7	4.7
$V_{DA} / cm^{-1}$	0.65	0.84
S	0.608	0.608

For the extended dipole approximation:

Property	pyrene	perylene
Donor dipole length / Å	9.67	11.43
Acceptor dipole length / Å	8.91	8.91
$V_{DA} / cm^{-1}$	1.76	1.28
$R_{D+,A+}$ / Å	9.12	9.11
R <sub>D-,A-</sub> / Å	18.73	20.26
$R_{D+,A-}$ / Å	17.05	19.32
$R_{D-,A+}$ / Å	9.12	9.11