

Electronic Supplementary Information

Electric Field Effect on the Ground State Proton Transfer in the H-bonded HBDI Complex: An Implication of Green Fluorescent Protein

Baotao Kang,^a Hongguang Liu,^a Du-Jeon Jang,^b Jin Yong Lee^{a*}

^a *Department of Chemistry, Sungkyunkwan University, Suwon, 440746, Korea*

^b *Department of Chemistry, Seoul National University, Seoul 151-742, Korea.*

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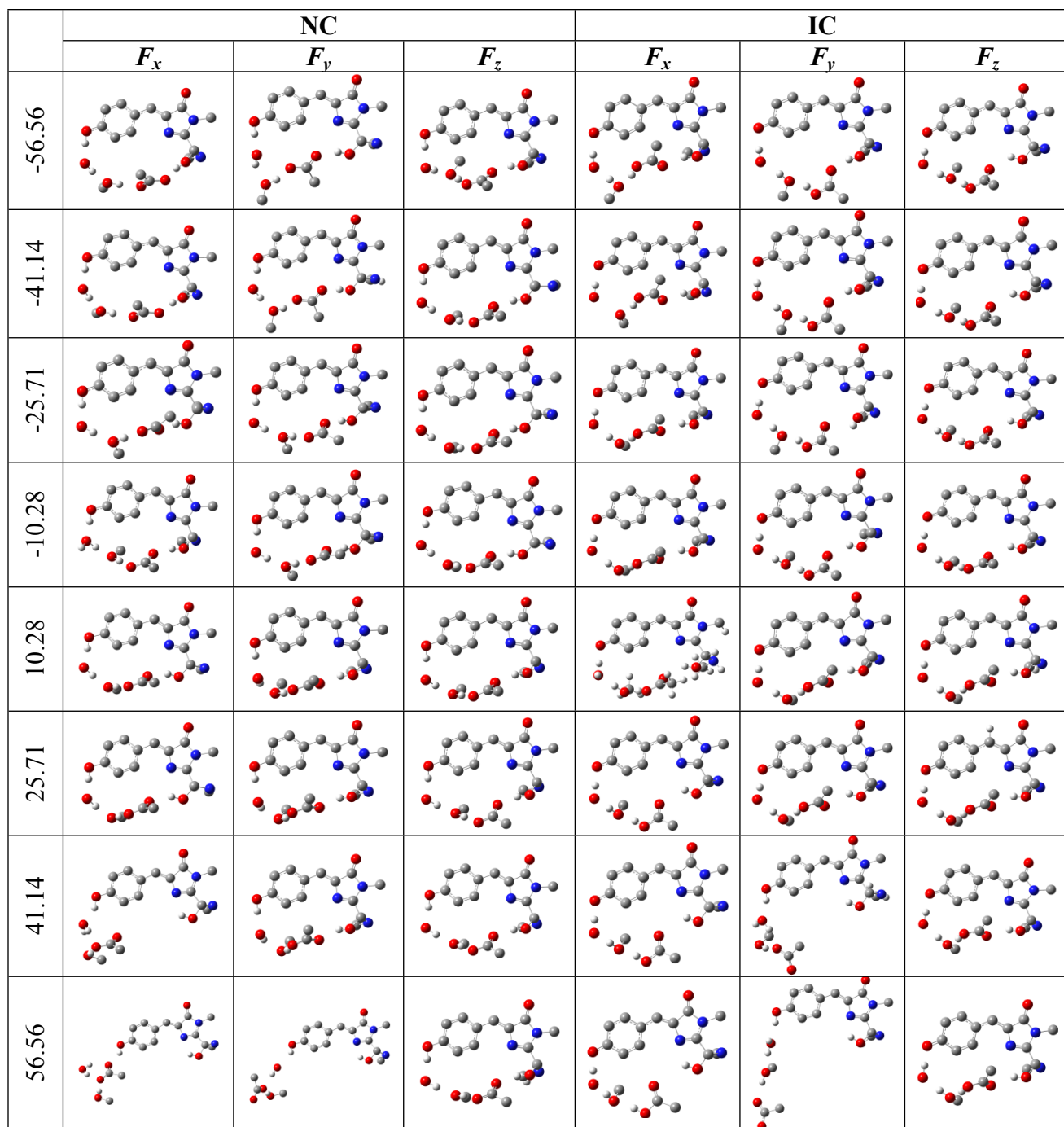


Figure S1. Optimized structures of NC and IC under different electric field.

		NC			IC		
		F_x	F_y	F_z	F_x	F_y	F_z
-56.56	LUMO						
	HOMO						
-25.71	LUMO						
	HOMO						
25.71	LUMO						
	HOMO						
56.56	LUMO	 No electric field			 No electric field		
	HOMO	 No electric field			 No electric field		

Figure S2. HOMOs and LUMOs of NC and IC under some electric fields.