Table 4. Comparison of λ_{max} values (in nanometers) for met and liganded states of *Caulobacter crescentus* and *Bradyrhizobium japonicum* FixL-PAS

	C. crescentus FixL-PAS	*B. japonicum* FixL-PAS
met (no ligand)		
soret	396	395
imidazolylmet		
soret	416	416
α / β	565 / 535	566 / 535
oxy		
soret	417	419
α / β	578 / 543	578 / 544
carbonmonoxy		
soret	425	426
α / β	572 / 541	575 / 544

Met refers to the heme in its ferric state (Fe^{3+}). Molecular oxygen and carbon monoxide bind to heme in its ferrous state (Fe^{2+}). The λ_{max} values measured here for *C. crescentus* FixL-PAS are nearly identical to previously published values for rhizobial FixL-PAS (references in text).