Erratum to: Conversion of a heme-based oxygen sensor to a heme oxygenase by hydrogen sulfide: effects of mutations in the heme distal side of a heme-based oxygen sensor phosphodiesterase (*Ec* DOS)

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Due to an unfortunate mistake during the production process, errors were introduced in Table 1 of the above mentioned publication. The correct table is published on the next page and should be treated as definitive by the reader.

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Table 1 Proposed coordination structures of wild-type and mutant *Ec* DOS-PAS complexes formed by adding Na₂S (heme:Na₂S = 1:200) under aerobic conditions

Soret wavelength for each complex is described in the next row

<i>Ec</i> DOS-PAS	Proposed coordination structural changes
Wild type	His-Fe(III)-OH _{417 nm} → His-Fe(III)-SH _{424 nm} → His-Fe(II)-O ₂ _{418 nm} + His-Fe(III)-OH _{417 nm Major}
M95A	His-Fe(III)-OH _{414 nm} → His-Fe(III)-SH _{426 nm} → His-Fe(II)-O ₂ _{418 nm Major} + His-Fe(III)-OH _{417 nm}
M95H	His-Fe(III)-His _{415 nm} No spectral change
M95L	His-Fe(III)-OH _{416 nm} → His-Fe(III)-SH _{425 nm}
R97A	His-Fe(III)-OH _{417 nm} → His-Fe(II)-Met _{426 nm} → Modified Fe(III) _{418 + 658 nm}
R97E	His-Fe(III)-OH _{417 nm} No spectral change
R97I	His-Fe(III)-OH _{417 nm} → → → → Modified Fe(III) _{418 + 658 nm}