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Addition/Correction

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Correction to "EPR Spectroscopic Studies of the Fe−S Clusters in the O_2-Tolerant [NiFe]-Hydrogenase Hyd-1 from *Escherichia coli* and Characterization of the Unique [4Fe−3S] Cluster by HYSCORE"

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Page 15585. In Table 1, two sets of published data obtained by other researchers were inadvertently placed in the wrong columns. Table 1, including a new footnote *c*, should read as follows:

Table 1. Midpoint Potentials of the EPR-Active Fe−S Clusters Observed in Native Hyd-1, the P242C, and C19G/C120G Variants Compared to Other Native O_2-Tolerant Hydrogenases[a]

enzyme	$[4Fe-3S]^{5+/4+}$ proximal	$[4Fe-3S]^{4+/3+}$ proximal	$[3Fe-4S]^{+/0}$ medial	$[3Fe-4S]^{+/0}_{app.}$ medial	$[4Fe-4S]^{2+/+}$ distal
native Hyd-1	230 ± 15	30 ± 30	190 ± 30	130 ± 15	–
P242C	175 ± 15[b]	90 ± 20	–	–	–
C19G/C120G	–	–	215 ± 10	–	–
Aa Hase I[14]	232 ± 20	98 ± 20	–	78 ± 20	−65 ± 20
Re-MBH[23,c]	160	−60[c]	–	25	−180[c]
Rm CH34[23,c]	240	50[c]	–	100	−80[c]

[a]The midpoint potentials are given in mV vs SHE, were obtained as detailed in Methods section, and reflect the 'Nernst plots' given in Figure 2B. The potentials for *Aa* Hase I were obtained at pH 6.4 vs the normal hydrogen electrode,[14] and those for *Re*-MBH and *R. metallidurans* CH34 were obtained at pH 7.0.[23] All potentials for the Hyd-1 enzymes were obtained at pH 6.0. The apparent midpoint potential ('app') refers to the potential at which the uncoupled $[3Fe-4S]^{+}$ cluster signal is at half its maximum intensity (Figure S6A). [b]Monitoring peak intensities at different field positions resulted in a spread of reduction potentials of ca. 55 mV (Figure S6B). [c]In ref 23, the higher midpoint potential (−60 mV and 50 mV) was assigned to cluster I, and the lower potential (−180 mV and −80 mV) was assigned to cluster II; it is assumed here that the lower potential belongs to the distal cluster.

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