CORRECTIONS

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In the paper "Roles of N-Terminal Active Cysteines and C-Terminal Cysteine-Selenocysteine in the Catalytic Mechanism of Mammalian Thioredoxin Reductase" by Noriko Fujiwara, Tsuneko Fujii, Junichi Fujii, and Naoyuki Taniguchi (pp. 803–812), in Tables II and III on pages 808 and 809, the unit for K_m was incorrectly printed. It should be μM. The complete tables are shown below.

TABLE II. **Kinetic parameters for Trx- and DTNB-reducing activities by SecWT, WT and mutant TrxRs.** Kinetic parameters were obtained from Fig. 5.

Enzyme	V_{max} (U/mg)	K_m (μM)	k_{cat} (min^{-1})	k_{cat}/K_m (s$^{-1} \cdot M^{-1}$)
Trx-reducing activity				
SecWT	55	14	6,070	7.2×10^6
U498C	0.077	200	8.5	7.1×10^2
DTNB-reducing activity				
SecWT	19	100	2,100	3.4×10^5
WT	0.67	390	74	3.2×10^3
U498C	2.0	340	220	1.1×10^4
U498S	0.76	190	84	7.5×10^3

TABLE III. **Kinetic parameters for transhydrogenase activity by SecWT, WT and mutant TrxRs.** Kinetic parameters were obtained from Fig. 6.

Enzyme	V_{max} (U/mg)	K_m (μM)	k_{cat} (min^{-1})	k_{cat}/K_m (s$^{-1} \cdot M^{-1}$)
SecWT	23	32	2,500	1.3×10^6
WT	12	28	1,300	7.6×10^5
U498C	10	29	1,100	6.6×10^5
U498S	13	24	1,400	9.8×10^5
C59S	0.13	4	14	6.2×10^1
C64S	0.068	6	7.5	1.9×10^1