



Correction

Correction: Chaudhuri et al. Diverse Functions of Tim50, a Component of the Mitochondrial Inner Membrane Protein Translocase. *Int. J. Mol. Sci.* 2021, 22, 7779

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The authors wish to make the following correction to this paper [1]:
Changes in Figure 5, because Figure 5B misprinted as a duplication of Figure 5A by authors mistakenly during the proofreading. The correct Figure 5 is shown below. Figure changes will not affect the description and conclusion of the manuscript.



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A	
ScTim50 82	EGGEDKNEPSSKSEKSRKRQTSTDIKREKYANWFYIFSLSALTGTAIYM-ARDWEPQES 140
hTim50 36	+ E + S+K++ +++ + +K A W + T + +Y+ + + QAAEIGSRGSKAQGFQQQPGSEGPSYAKKVALWLAGLLGAGGTVSVVYIFGNPVDENG 95
ScTim50 141	EELKKDIDNGYTLISLMYKRFKARFNSMFTYFQEPFPDLPPLPPPPY-ORPLTLVITL 199
hTim50 96	++ + DN L +R F EP P LLP P PY Q P TLV+ L AKIPDEFDNDPILVQQLRRTYKYFKDYRQMIIEPTSPCLLPDPLQEPYYPYTLVLELT 155
ScTim50 200	DFLVHSEWSQKHGWR*TAKRPGADYFLGYLSQYYEIVLFSNNMYSKDIAEKLDPIHAFV 259
hTim50 156	L+H EWS GWR KRPG + L+ YEIV+F+S M + + + +DP H F+ GVLLHPEWSLATGWRFKRPGIETLFLQQLAPLYEIVIFTS*ETG*MTAFPLDSDVP-HGFI 214
ScTim50 260	SYNLFKEHC*VYKDG*VHIKDL*SKLN*RDLSKVI*IIDTDPNSYKLPENAI*PMEPWNGEADDK 319
hTim50 215	SYRLFRDATRYMDGHV*DKDISCLN*RDPA*RVVV*VDC*KEAFRLQ*PYNGVAL*RPWDGNSDDR 274
ScTim50 320	-LVRLIPFLEYLATQQT* [*] KDVRPILNSFEDKKNLAE*EFDRHVKKLK 363
hTim50 275	L+ L FL+ +A +DVR +L + + + F R +L+ VLLDLSAFLKTIALNGVEDV*TVLEHYALEDDPLA*AFK*QRQSRLE 319
B	
ScTim50 186	PPYQRPLTLVITLED*FLVHSEWSQKHGWR*-----*TAKRPGADYFLGYLS 229
TbTim50 231	P ++ +TL++ L++ LVHS + + A RP FL ++ PRFRDKITLLLDLDELTVHSSLTSQSRHHDLVLDVRMENTSTTVYVAFRPFMREFLQAVA 290
ScTim50 230	QYYEIVLFSNNMYSKDIAEKLDPIHAFVSYNLFKEHC*VYKDG*VHIKDL*SKLN*RDLSKVI* 289
TbTim50 291	+E+++F+++ +Y +++ + +D + S L++EHC +G ++KDLS L RDL +V PLFEV*II*FTASVSVYCNQLMDAIDTDN*ILGSLRLRYREHCS*ILNGAYVKDLRSLGRDLDRV 350
ScTim50 290	IIDTDPNSYKLPENAI*PMEPW-NGEADDKLVRLIPFLEYLATQQT* [*] KDVRPILNSFEDK 348
TbTim50 351	IID P +Y Q NAIP+ W + D++L +LIP LE LA + +V +L+ + AIIDNSPVAYLFQQRNAIP*IPSWFDDPGDNELQQLIPMLEILAAE--SEVYTVLDQYNAV 408
ScTim50 349	KNLAAE 354
TbTim50 409	+L +E LHLQQE 414

Figure 5. Primary sequence alignment of ScTim50 with hTim50 (A) and TbTim50 (B). Relatively conserved regions are shown. Identical AA residues are indicated. The conserved and non-conserved cysteine residues are indicated by blue ^ and underscore, respectively. Leucine residues within the conserved coiled-coil region (L279, L282, and L286 in ScTim50) are marked by □. AA residues R214 and K217 located on the lateral side of the β-hairpin loop that are responsible for interaction with Tim23 are indicated by *. Three AA pairs that are important for the interaction between ScTim50 and ScTim23 are shown by asterisks of different colors (*, *, and *).

The authors would like to apologize for any inconvenience caused to the readers by these changes. This correction was approved by the Academic Editor. The original publication has also been updated.

Reference

1. Chaudhuri, M.; Tripathi, A.; Gonzalez, F.S. Diverse Functions of Tim50, a Component of the Mitochondrial Inner Membrane Protein Translocase. *Int. J. Mol. Sci.* **2021**, *22*, 7779. [[CrossRef](#)] [[PubMed](#)]