CORRECTION

Correction: Identification and characterization of novel TRPM1 autoantibodies from serum of patients with melanoma-associated retinopathy

The *PLOS ONE* Staff

The legends for Figs 1 and 3 mistakenly appear in the body of the article. There is an error in the legend for panel B of Fig 4. Please see the complete, correct legends for Figs 1, 3 and 4 here.
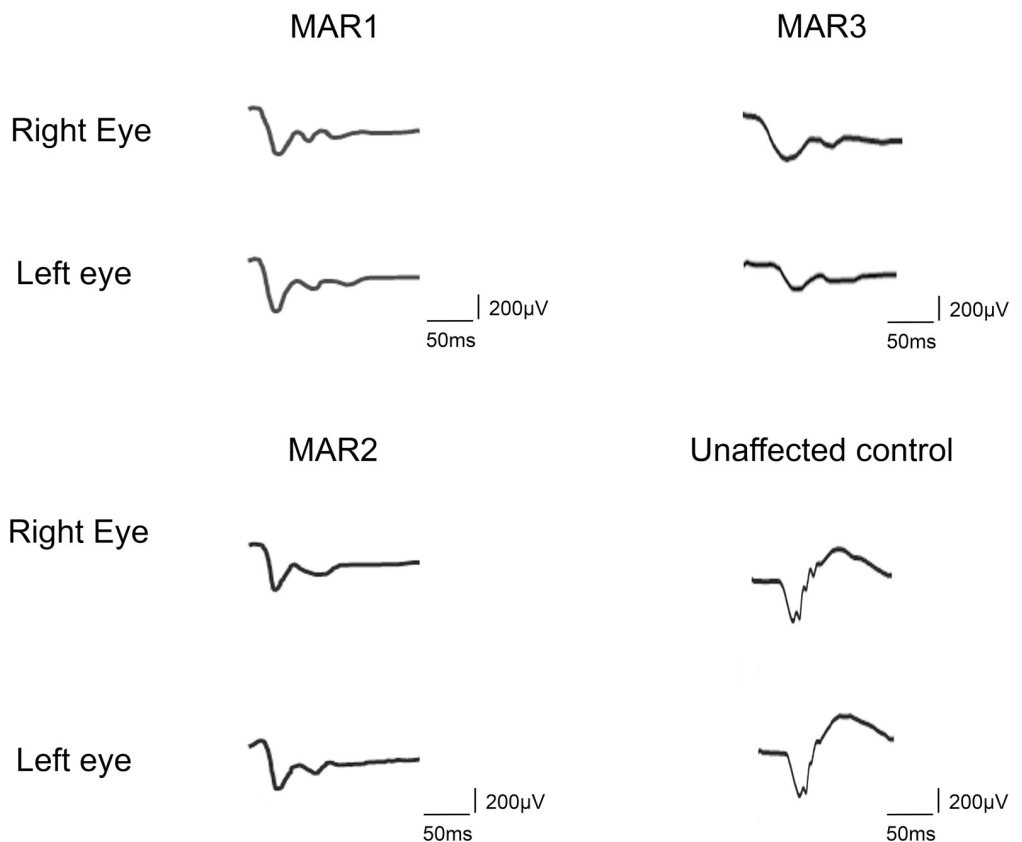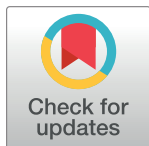

Fig 1. Full-field ERG recordings (DA 3.0). Ff-ERG responses to a 3.0 cd.s.m^2 flash under dark-adapted (DA) conditions from an unaffected subject and the three patients with a clinical diagnosis of melanoma-associated retinopathy (MAR). All three patients had a severely reduced b-wave with an electronegative response.

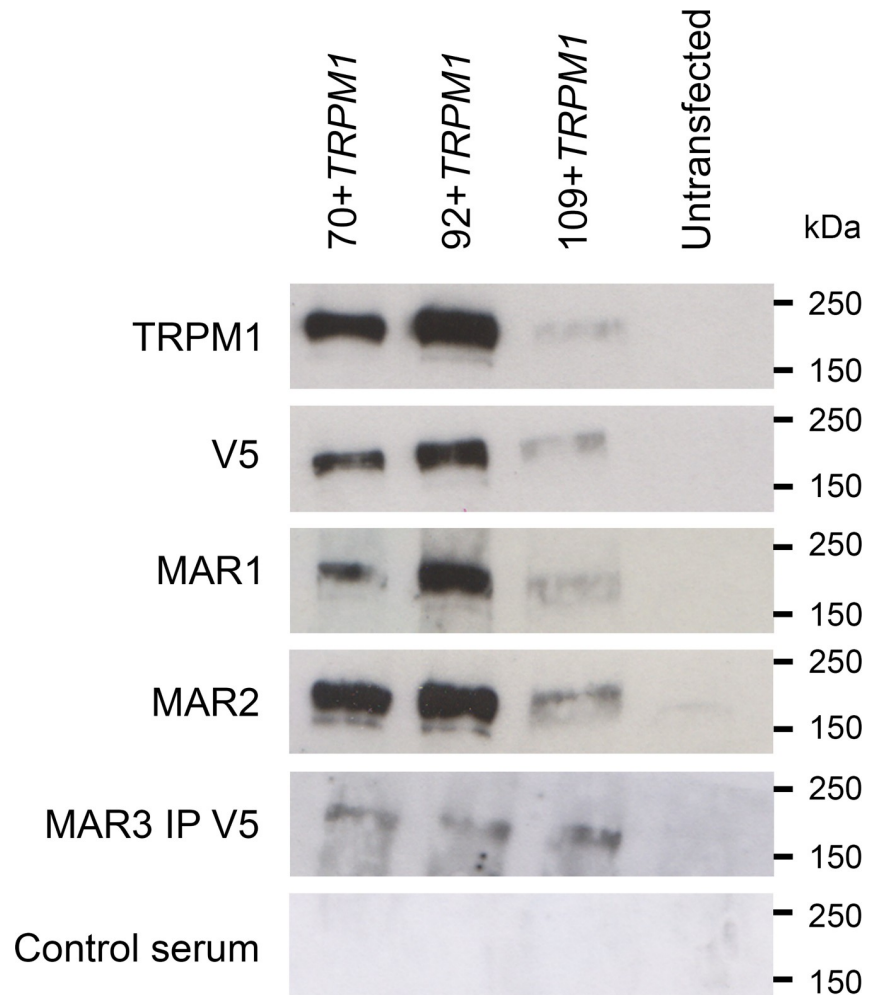https://doi.org/10.1371/journal.pone.0233424.g001

Fig 3. Western blot analysis of TRPM1 isoforms with MAR sera. Immuno blots of COS-7 cells transfected with the three isoforms of TRPM1 using several antibodies: an anti-TRPM1 antibody, an anti-V5 antibody, MAR1 and MAR2 sera, MAR3 sera after immunoprecipitation using an anti-V5 antibody and a control serum. All antibodies recognized the 70+*TRPM1*, 92+*TRPM1* and 109+*TRPM1* isoforms (~180-200kDa). No signal was obtained with protein extracted from untransfected cells.
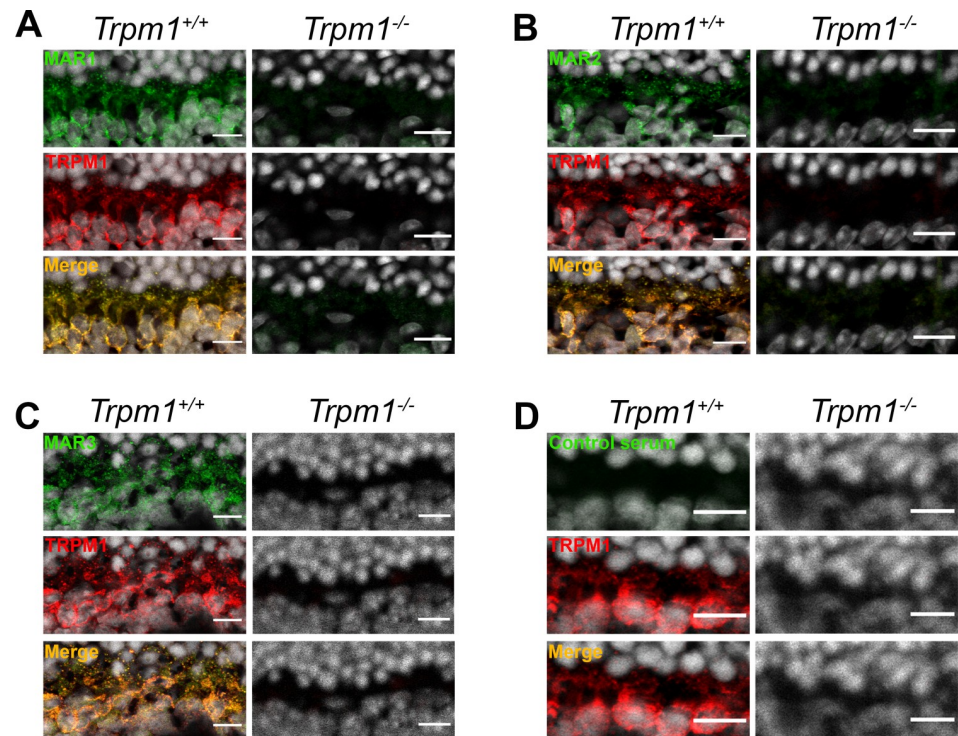
https://doi.org/10.1371/journal.pone.0233424.g002

Fig 4. Immunolocalization on *Trpm1*⁺/⁺ and *Trpm1*⁻/⁻ mouse retinal cryosections. (A) TRPM1 (red) staining colocalized (yellow, merge) with MAR1 (green) in *Trpm1*⁺/⁺ and both staining were absent in *Trpm1*⁻/⁻ mouse. (B) TRPM1 (red) staining colocalized (yellow, merge) with MAR2 (green) in *Trpm1*⁺/⁺ and both staining were absent in *Trpm1*⁻/⁻ mouse. (C) TRPM1 (red) staining colocalized (yellow, merge) with MAR3 (green) in *Trpm1*⁺/⁺ and both staining were absent in *Trpm1*⁻/⁻ mouse. (D) TRPM1 (red) staining was present in *Trpm1*⁺/⁺ and absent in *Trpm1*⁻/⁻ mice. Control serum did not reveal any staining. Scale bars: 10μm.

https://doi.org/10.1371/journal.pone.0233424.g003

The citation for reference 20 is incomplete. The complete reference is: McCulloch DL, Marmor MF, Brigell MG, Hamilton R, Holder GE, et al. (2015) ISCEV Standard for full-field clinical electroretinography (2015 update). Doc Ophthalmol 130: 1–12. pmid: 25502644

The publisher apologize for the errors.

Reference

1. Varin J, Reynolds MM, Bouzidi N, Tick S, Wohlschlegel J, Becquart O, et al. (2020) Identification and characterization of novel TRPM1 autoantibodies from serum of patients with melanoma-associated retinopathy. PLoS ONE 15(4): e0231750. https://doi.org/10.1371/journal.pone.0231750 PMID: 32324760