chscan: an R package for compound heterozygote test to GWAS and WES dataset

Currently, I am in the Project Scientist in Marshfield Clinic Research Institute (2018-Present), after the postdoc training in University of California, San Diego (2015-2017). In the past 8 years, I have accumulated abundant biological, medical and genetics trainings in the susceptibility, etiology, pathology, and research strategies applied to human complex disease. I have authored 52 publications including first or senior author publications in high impact journals: Nature Genetics, Clinical Epigenetics, Arthritis & Rheumatology, Cancer Medicine and Frontiers in Genetics. In addition, I have made more than 100 paper reviews for 20 different journals including Genome Research, Clinical Epigenetics, Scientific Reports, Frontier in Genetics, 1 Frontiers in Cell and Developmental Biology, BMC Genetics, 3 Journal of Genetics and Genomics. I have played roles as Co-PI in two Marshfield Clinic internal grants and independent PI in an internal grant. In order to make more contribution and take participate more activities in the field of genetic and epigenetics, I applied to join the Associated Editor group in Frontier in Genetics.