

Dr. Keith Allen is a computational biologist and data scientist who holds a BA in Biology from Reed College and a Ph.D. in Molecular, Cellular and Developmental Biology from the University of Colorado at Boulder. Dr. Allen approaches biology from the standpoint of data and joins Front Range Biosciences with two decades of industry experience in related fields. Most recently, Dr. Allen was head of bioinformatics at Steep Hill labs, and prior to that concluded ten years of service with Syngenta, where he was head of bioinformatics before being promoted to Research Fellow. Dr. Allen has also been a valued employee of Paradigm Genetics and Deltagen. In his extensive work to improve plant biological traits such as drought resistance and nitrogen use efficiency in maize, tomato, and a list of other species, Dr. Allen has witnessed up-close the power and potential of the marriage between classical breeding techniques and genomic data. Additionally, Dr. Allen has continuously published peer-reviewed research on his findings and provided critical data resulting in the issuance of a number of innovative patents in the field.