

Supplementary Table S1. A simplified summary of the application programming interface (API) of MaveQuest. A complete guide of the API service with sample requests and responses are available at <https://mavequest.varianteffect.org/docs/api>.

Category	Method	Function	Description
Summary	GET	/stats	Returns database statistics.
Summary	GET	/genes	Returns all records that passed a filter.
Gene	GET	/lookup	Returns primary ID and other information, given a gene in a certain species.
Gene	GET	/gene	Returns records, given gene(s) identifiers.
Gene	GET	/detail	Returns detailed records, given a gene symbol.
Interactome	GET	/interactome	Returns interaction details in HuRI database.