

Family Variant Classification

Our goal is to make family VUS classification activities easily accessible to all patients with VUS.

Our reclassification service for clinically identified variants of uncertain significance:

- Uses strategies to classify variants with family data
- Includes familial VUS testing for all relatives with a >10% chance of having the variant*
- Does not have a limit to number of family members who can get testing
- Provides tumor testing on deceased family members if indicated
- Is available for patients with more than one VUS
- Is available for any VUS in covered genes identified by any clinical laboratory**

* Available for relatives in the United States. Relatives who live abroad will be considered on a case-by-case basis. Asymptomatic minors under the age of 18 years are not eligible for testing. Relatives who wish to be tested after the VUS is reclassified may receive standard clinical testing.

** For all VUS identified from UW BROCA or ColoSeq™ testing, the family reclassification service is included free of charge.

VUS reclassification is not guaranteed. See figure below for historical outcomes.

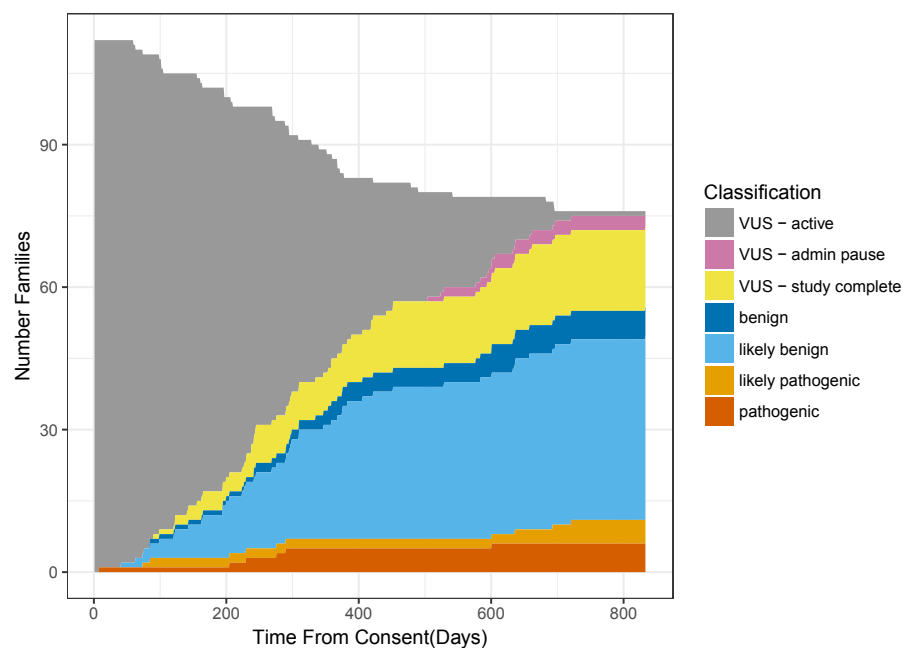


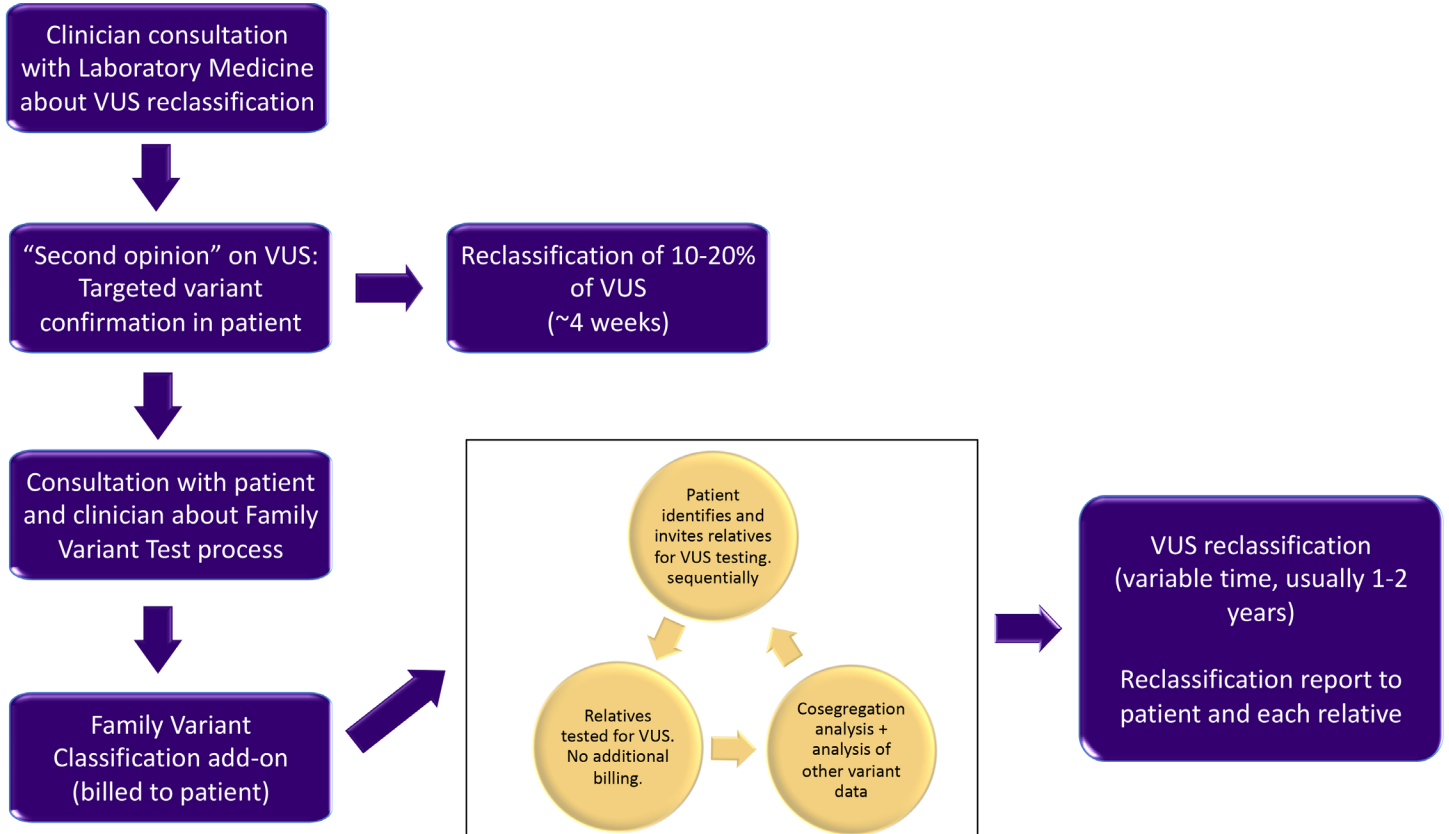
Fig. 1. Variant classification outcomes by time enrolled in study.

Tsai GJ et al. Outcomes of 92 patient-driven family studies for reclassification of variants of uncertain significance. *Genet. Med.* (in press). doi: 10.1038/s41436-018-0335-7

For Further Information and How To Order:

(206) 598-6807 findmyvariant@uw.edu FindMyVariant.org

Family Variant Classification Overview



Available for the following genes:

Gene	Cancer Risk
APC	Colon
ATM	Breast, Pancreatic
BARD1	Breast, Ovarian
BMPR1A	Colon
BRCA1	Breast, Ovarian
BRCA2	Breast, Ovarian
BRIP1	Breast, Ovarian
CDH1	Breast, Gastric
CDK4	Melanoma
CDKN2A	Pancreatic, Melanoma
CHEK2	Breast

Gene	Cancer Risk
FANCM	Breast
FH	Renal
FLCN	Renal
MEN1	Endocrine
MLH1	Colon, Ovarian, Endometrial
MSH2 (+EPCAM)	Colon, Ovarian, Endometrial
MSH6	Colon, Endometrial
MUTYH	Colon
NBN	Breast
PALB2	Breast, Pancreatic
PMS2	Colon, Endometrial

Gene	Cancer Risk
POLD1	Colon, Endometrial
POLE	Colon
PTEN	Breast
RAD51C	Ovarian, Breast
RAD51D	Ovarian, Breast
SMAD4	Colon
SMARCA4	Ovarian
STK11	Colon
TP53	Breast, Ovarian