CENTOGENE
THE RARE DISEASE COMPANY

CentoLSD - Variant reclassification at CENTOGENE

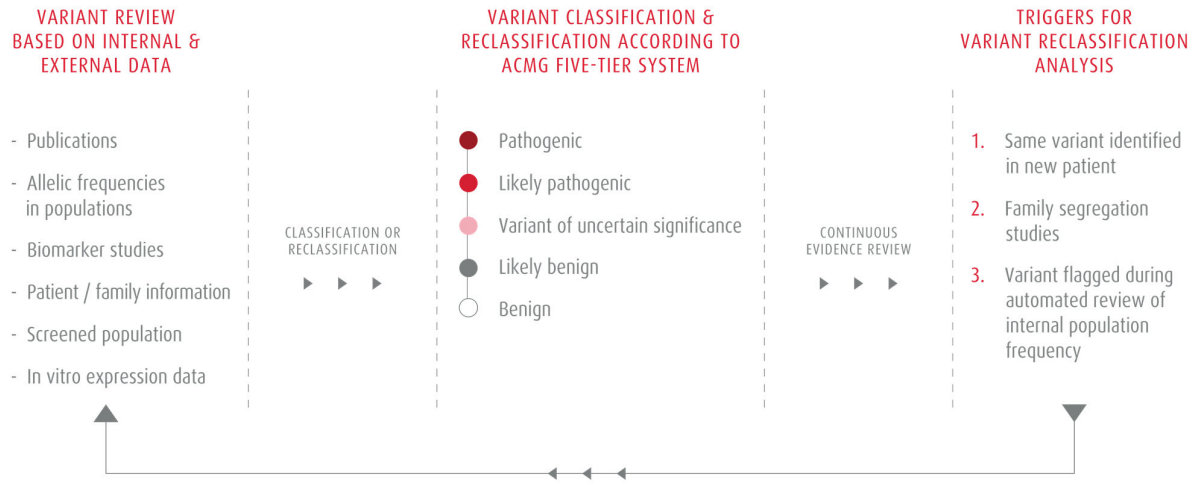
PROCESS

Genetic knowledge constantly grows with new insights in disease gene associations and related pathogenic variants being detected daily. Once a variant is classified, every new observation (internal or external) is monitored and used for variant reassessment. CENTOGENE allocates substantial resources to review clinical significance for detected genetic variants as new evidences become available. This makes variant classification and reclassification an ongoing process that consequently can have a life-long impact on patient care and disease management. Such an approach guarantees the best classification and basis for clinical interpretation of newly identified variants, and also ensures that changes in variant classification is communicated by reclassification reports.

VARIANT CURATION WORKFLOW

Where there is insufficient information to reclassify the variant, CENTOGENE will continue to monitor and evaluate (if the case) additional information. There is sufficient information to reclassify the variant, CENTOGENE initiates the variant reclassification process.

Below is a schematic representation of how the variant reclassifications are initiated:



As soon as new genetic evidence becomes available, it is shared with you. Thanks to our highly robust reclassification process, we reduce the uncertainty for patients and allow for better disease management.