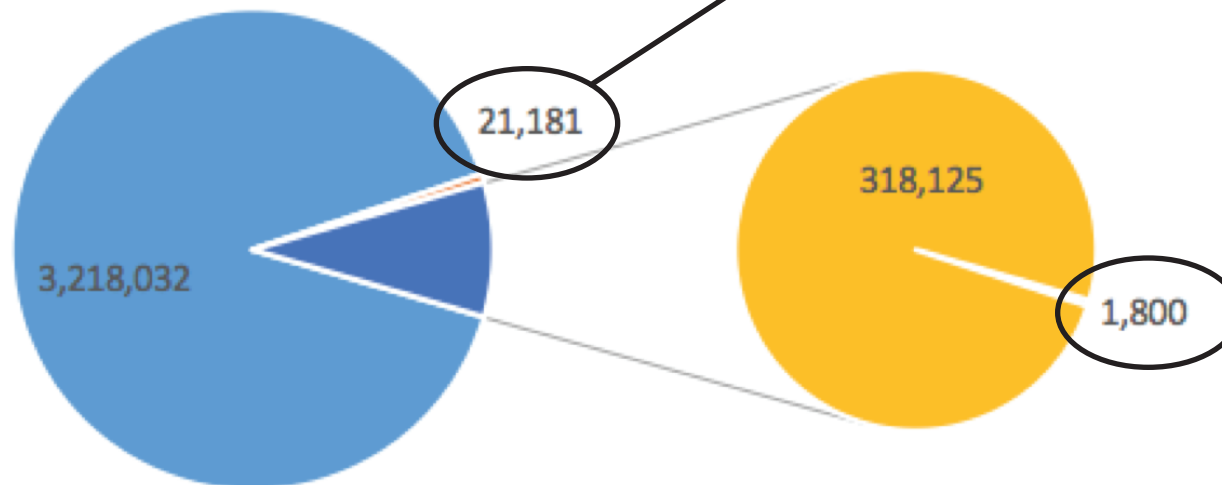


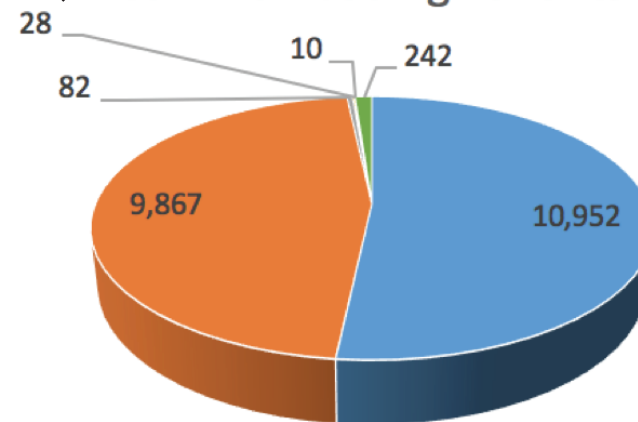
# Overview & Coding Variants

SNVs of Individual Z



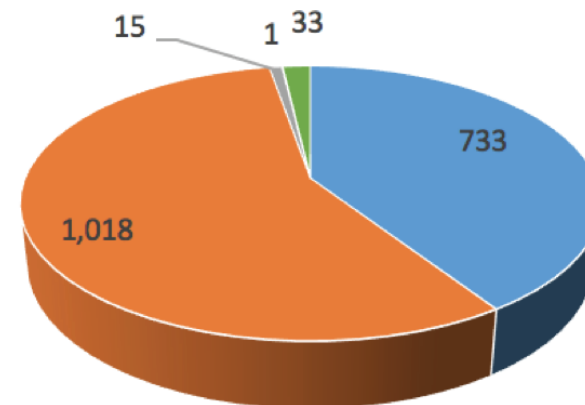
■ Common\_Noncoding ■ Common\_Coding ■ Rare\_Coding ■ Rare\_Noncoding

Common Coding Variants

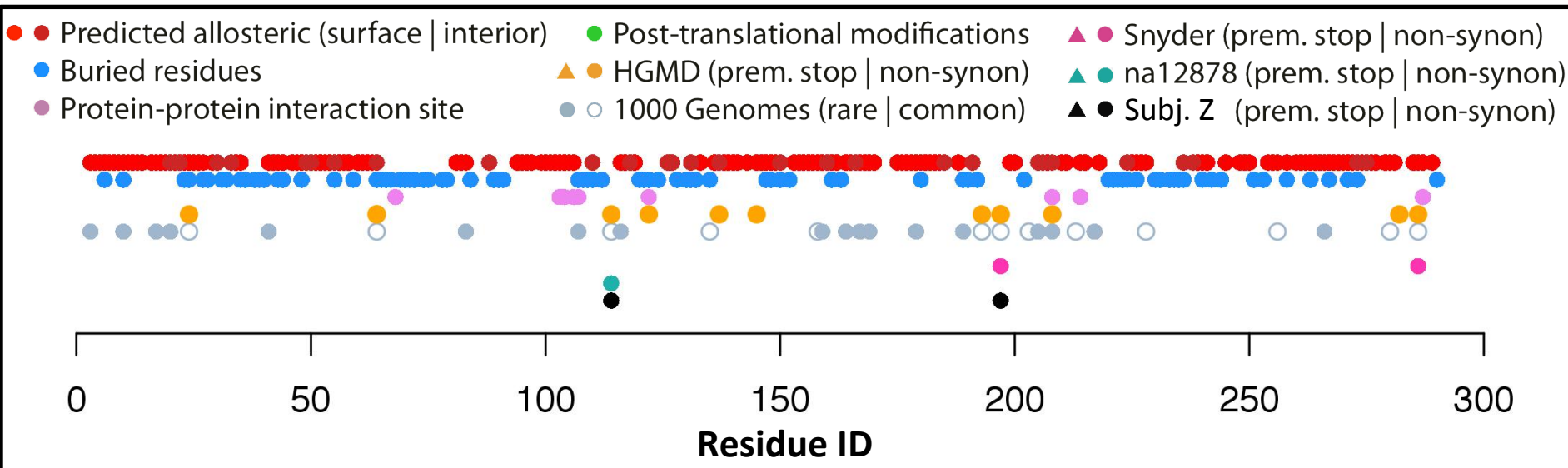
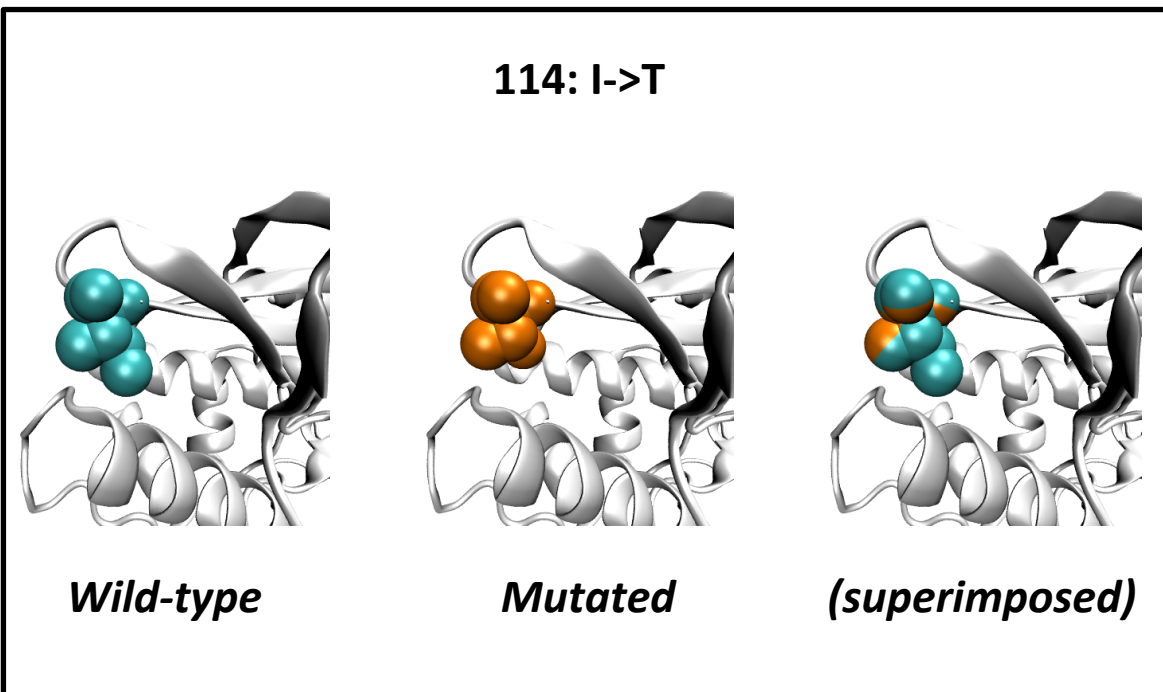
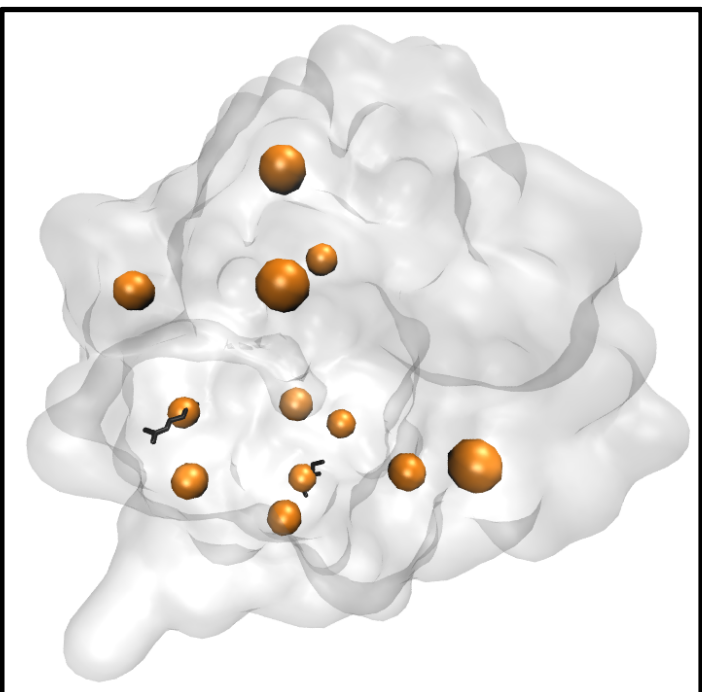


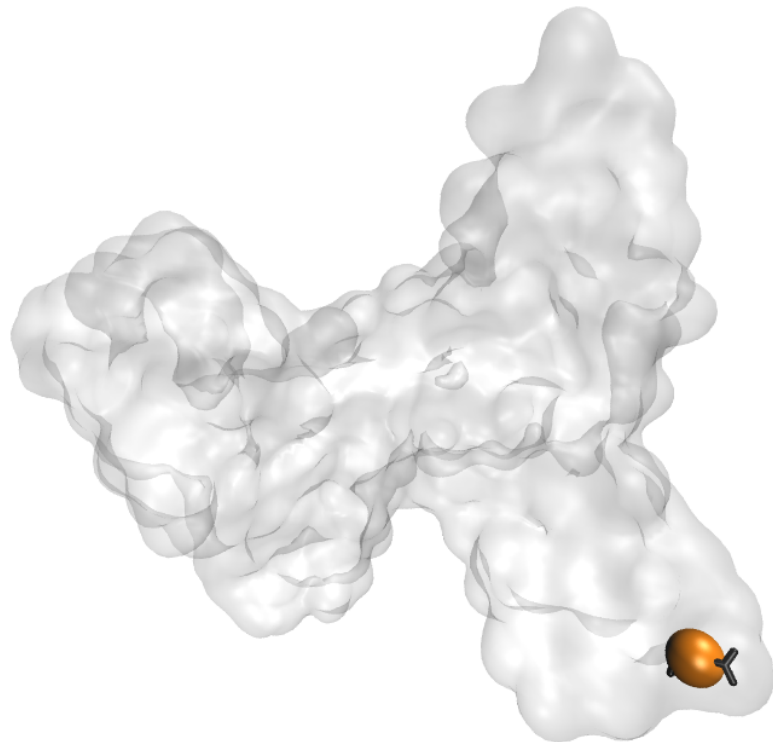
■ Synonymous ■ Nonsynonymous ■ PrematureStop  
 ■ RemovedStop ■ SpliceOverlap ■ NA

Rare Coding Variants



# Arylamine N-acetyltransferase (PDB: 2PFR\_A ; gene: NAT2)





- Predicted allosteric (surface | interior)
- Buried residues
- Protein-protein interaction site
- Post-translational modifications
- ▲ ● HGMD (prem. stop | non-synon)
- ○ 1000 Genomes (rare | common)
- ▲ ● Snyder (prem. stop | non-synon)
- ▲ ● na12878 (prem. stop | non-synon)
- ▲ ● Subj. Z (prem. stop | non-synon)

### Vitamin D-binding protein (1KW2\_A: gene = GC)

