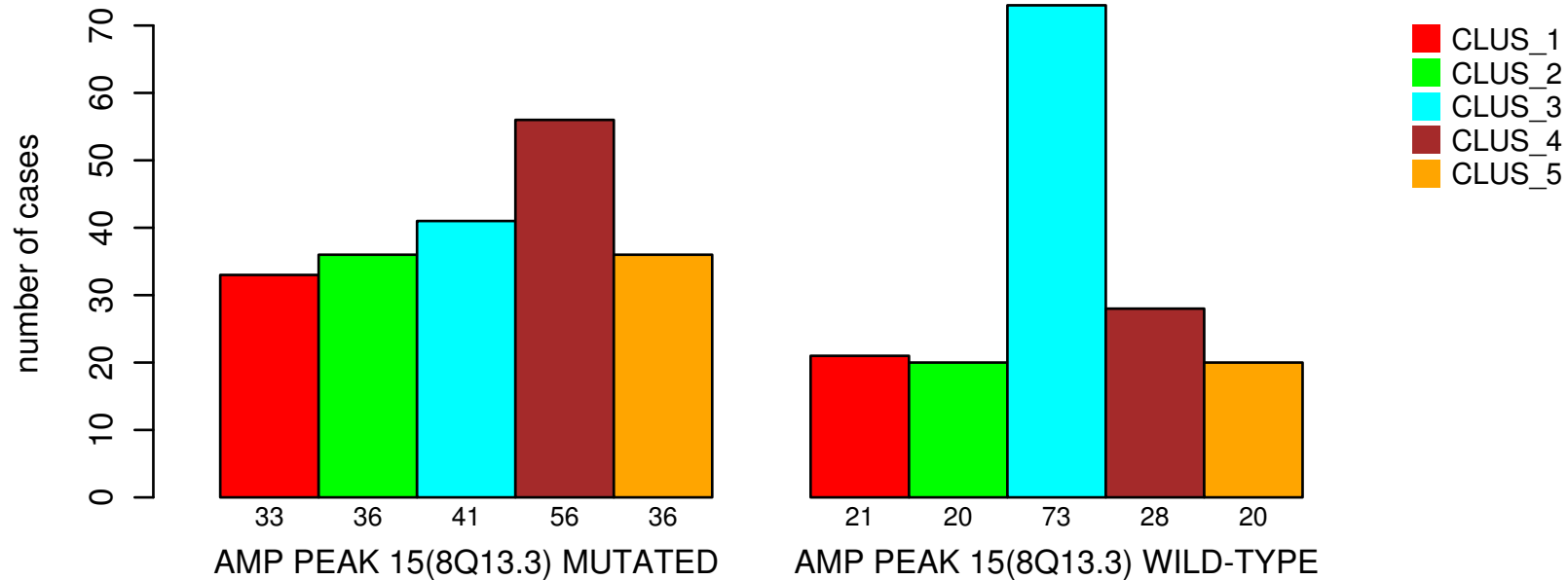MRNASEQ_CHIERARCHICAL