



\* World Health Organization (WHO) classification of individual alleles  
 WHO Class A Variant: Severe G6PD enzyme deficiency (<20% enzyme activity) and CNSHA  
 WHO Class B Variant: Deficient G6PD enzyme activity (<45% enzyme activity) and episodic/triggered hemolytic anemia  
 WHO Class C Variant: 60%-150% G6PD activity, considered normal/adequate enzyme activity  
 WHO Class U Variant: Uncertain clinical significance

Legacy WHO classification of individual alleles (Updated in 2022 to the current classification above)  
 WHO Class I Variant: Severe enzyme deficiency (<10% enzyme activity) with CNSHA  
 WHO Class II Variant: Severe enzyme deficiency (<10% enzyme activity)  
 WHO Class III Variant: Moderate to mild enzyme deficiency (10%-60% enzyme activity)  
 WHO Class IV Variant: Very mild or no enzyme deficiency (60%-150% enzyme activity)  
 WHO Class V Variant: Increased enzyme activity (more than twice normal enzyme activity)

