

Names for *GATA1* Alleles

General description: *GATA1* does not represent a blood group system, but a mutation in this gene is responsible for an X-linked form of Lutheran-mod phenotype, XS2.

Gene name: *GATA1*
 Number of exons: 6
 Initiation codon: Within exon 2
 Stop codon: Within exon 6
 Entrez Gene ID: 2623
 LRG sequence: NG_008846.2 (genomic)
 NM_002049.3 (transcript)
 Reference allele: *GATA1*01* (shaded)

Phenotype	Allele name	Nucleotide change	Exon	Predicted amino acid change
Common	<i>GATA1*01</i>			
XS2 Lu-mod	<i>GATA1*BGM01</i>	c.1240T>C	6	p.Ter414Argext*41