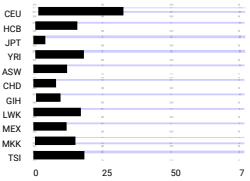


rs1800629 (<https://www.snpedia.com/index.php/rs1800629>)(A;G)
(<https://www.snpedia.com/index.php/rs1800629>)(A;G))

complex; generally higher risk for certain diseases

This SNP in the tumor necrosis factor-alpha gene, rs1800629, is also known as the TNF-308 SNP. Occasionally the rs1800629(A) allele is referred to as 308.2 or TNF2, with the more common (G) allele being 308.1 or TNF1. The (A) allele is associated with higher levels of TNF expression. This SNP has been linked to a wide variety of conditions:

- Allograft rejection
 -
 - Among 72 Polish patients receiving a kidney transplant, the risk of acute kidney allograft rejection was 2.5x higher among rs1800629(A) carriers compared to (G;G) homozygotes (CI: 1.19- 5.37, p<.05).
 - Asthma
 -
 - A meta-analysis of ~2,500 patients combined indicated that the rs1800629(A) allele was associated with a 1.46x increased risk for asthma.
 -
 - In a study of ~600 Mexican families and their asthmatic children,...
- [🔗 more info](#)
(<https://www.snpedia.com/index.php/rs1800629>)

Bad	Repute
2	Magnitude
31%	Frequency
	
2011-12-04	Geno Modified
0.0955	GMAF
Drug response	ClinVar Significance
217	Publications
TNF	Gene
6	Chromosome
31575254	Position
2.5	Max Magnitude
2017-04-18	Rs Modified
plus	Stabilized
plus	Orientation

🔍 Topics

Parsley Health

PharmGKB

🔍 Medical Conditions

Allograft rejection

Asthma

Chronic obstructive pulmonary disease

Crohn's disease

Glaucoma

Graves' disease

Heart disease

Hyperthyroidism

Leprosy

Liver cancer

Lymphoma

Multiple sclerosis

Psoriasis

Sarcoidosis

ClinVar

Drug response

etanercept response - Efficacy

infliximab response - Efficacy

Tumor necrosis factor alpha (TNF-alpha) inhibitors response - Efficacy

adalimumab response - Efficacy