

## Supplementary Material to “Searching for ancient balanced polymorphisms shared between Neanderthals and Modern Humans”

**Table S3** - General description of polymorphisms shared between Neanderthals\* and modern humans.

Description	Number of polymorphisms
Input matching reference assembly	4117
Input matching as coding regions	99.95% (4115 out of 4117)
Tolerated	86.33% (3554 out of 4117)
Deleterious	10.54% (434 out of 4117)
Not Scored	3.13% (129 out of 4117)
Nonsynonymous	53.22% (2191 out of 4117)
Synonymous	46.85% (1929 out of 4117)
NonCoding (UTR)	0.48% (2 out of 4117)
Novel	7.68% (316 out of 4117)
rsID	92.32% (3801 out of 4117)
Genes	2519

\* Observed heterozygosity at the individual level was assumed to reflect population-wide polymorphism.