

Supplemental Table S2. Association between *CYP2C19* allelic variants and enzyme activity

Functional Status	Alleles	References
Functional / normal activity / wild-type ¹	*1	(95)
Loss-of-function / no or decreased activity	*2, *3, *4, *5, *6, *7, *8	(96-102)
Increased function / increased activity	*17	(103-105)

¹ An important caveat for all genotyping tests is that the “wild-type” (*1) status is reported if all other alleles that are measured are absent. Some genotype tests do not interrogate the rare loss-of-function alleles and therefore, if present, would be erroneously reported as “wild-type”. It is also possible that a novel un-interrogated *CYP2C19* sequence variant may confer altered enzyme function in an individual, and thus lead to the possibility of a loss-of-function allele being erroneously called as “wild-type” (*1).