Table S2. Types of mutations within categories found in the genome of *A. chrysogenum* HY strain compared to *A. chrysogenum* WT.

Category of mutation	Type of mutation	Number of mutations
HIGH	Frameshift variant	22
	Frameshift variant & start lost	1
	Stop gained	19
	Stop gained & splice region variant	2
	Stop lost	9
	Splice acceptor variant & intron variant	2
	Splice donor variant & intron variant	1
MODERATE	Missense variant	527
	Disruptive inframe insertion	1
	Conservative inframe insertion	1
	Conservative inframe deletion	2
	Disruptive inframe deletion	1
LOW	Synonymous variant	355
	Splice region variant & synonymous variant	4
	Splice region variant & intron variant	14
MODIFIER	Intergenic region	2323
	Upstream gene variant	878
	Downstream gene variant	863
	Intron variant	176