

Supplemental Table 12. Primer and probes for genotyping and quantitative PCR.

Primer/probe set	Forward/Reverse	Sequence (5'→3')	Amplicon (bp)
AAT-KO genotyping	Forward	TGTGCCCTAGGTCATAAGTC	942
	Reverse	TGGTGTTGGCAACCTTAC	
AAT-PiZZ genotyping	Forward	GAAGGAGCCACGGAAGATGAATG	1069
	Reverse	ATGGAAAGCGGACCGAGTAG	
GAPDH qPCR	Forward	CAACTTTGGCATTGTGGAGG	NA
	Reverse	CAGTGG AAGCAGGGATGATG	
	Probe	CAGTGATGGCATGGACGGTGG	
AAT qPCR	Forward	TTCTTTAAAGGCAAATGGGAGAAG	NA
	Reverse	ATCATGGGCACCTTGACG	
	Probe	AGCACACCACAGTGGAGGACTTC	