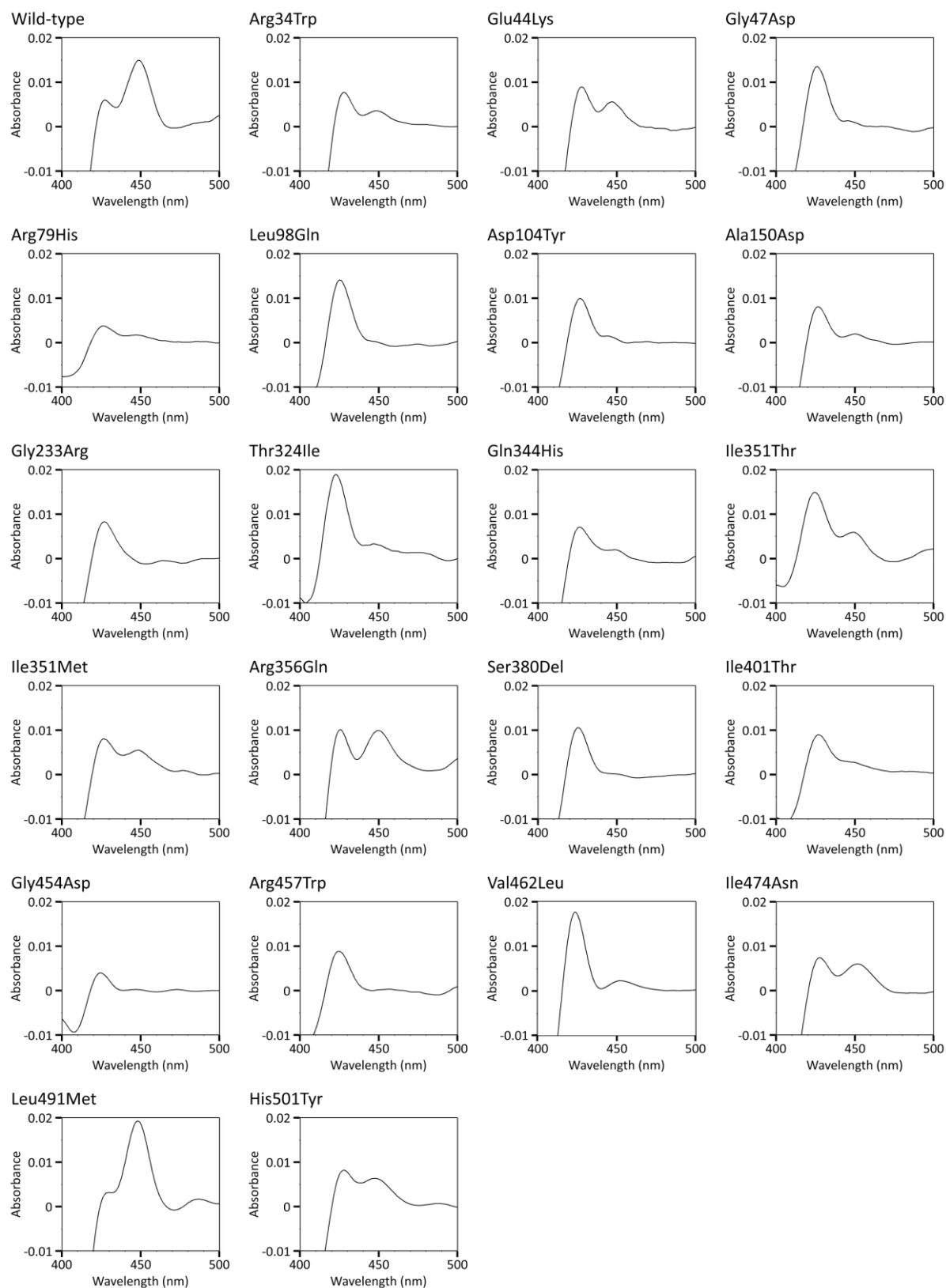


Supplementary Materials

Functional Characterization of 21 Rare Allelic CYP1A2 Variants Identified in a Population of 4773 Japanese Individuals by Assessing Phenacetin O-deethylation

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Supplementary Figure S1. Representative CO-difference spectra of CYP1A2 variant proteins expressed in 293FT cells. All assays and measurements were performed in triplicate using a single microsomal preparation. Mock 1 represents transfection with 10 μ g mock plasmid. Mock 2 represents transfection with 9.6 μ g mock plasmid, 0.2 μ g CPR plasmid, and 0.2 μ g cytochrome b_5 plasmid.

Supplementary Table S1. PCR primers used to amplify sequences of the human *CYP1A2* gene.

Exon	Size (bp)	Forward primer (5'-3')	Reverse primer (5'-3')
2	1203	GGAATCTTGAGGCTCCTTTCC	TCCAGGTCACACAGCTGGTC
3	432	AGACCAAGTTGGGAGGATAGG	AGGACTTTGCTGTTTCTCCAC
4-5	707	GGCCAGAGAAAGCTAATGCTG	GATCTGTGGGGAACGAGGTC
6	344	TTCTACCTCTTCCCTGTTCC	TAGCAATTGAGGTCCCCTCC
7	439	GGTCCCATCTCCTCTGTTCC	CCTGCACTTGGCTAAAGCTG