Table S3 Structural variant reports in the Database of Genomic Variants supporting genotype calls from Stargazer over those from GeT-RM.

Star Allele	Sample ID	GeT-RM[a]	Stargazer	Report ID	Type	Source
CYP2A6*1x2	NA18861	*1/*1	*25/*1x2	gssvG19016	CNV gain	DGV gold standard (multiple studies)
CYP2A6*4	NA18565	*9/*9	*4/*15	esv3644361	CNV loss	1KGP (Mills et al., 2011)
	NA18942	*1/*1	*4/*7	esv3644361	CNV loss	1KGP (Mills et al., 2011)
CYP2E1*7x2	NA19908	*7/*7	*7x2/*7x2	dgv172e214	CNV gain	1KGP (Mills et al., 2011)
CYP2E1*S1	NA19143	(*7/*7)	*7/*S1	dgv8n64	CNV gain	Wang et al, 2007
GSTM1*0	NA10847	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA12006	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA12717	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA18544	*B/*B	*B/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA18552	*B/*B	*B/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA18942	*B/*B	*B/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA18980	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA18992	*B/*B	*B/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA19143	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA19213	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA19789	*B/*B	*B/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA19920	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
	NA20296	*A/*A	*A/*0	esv3587155	CNV loss	1KGP (Mills et al., 2011)
GSTT1*0	HG00276	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA12003	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA12813	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA18519	(*A/*AxN)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA18552	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA18861	(*A/*AxN)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA18868	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA18959	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA18973	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA18980	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA19095	(*A/*AxN)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA19908	(*A/*A)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
	NA19920	(*A/*AxN)	*A/*0	esv3647425	CNV loss	1KGP (Mills et al., 2011)
SLC22A2*S2	NA19226	(*3/*3)	*3/*S2	gssvL111331	CNV loss	DGV gold standard (multiple studies)
	NA19819	*1/(*3)	*3/*S2	gssvL111331	CNV loss	DGV gold standard (multiple studies)

DGV, Database of Genomic Variants; CNV, copy number variation; 1KGP, 1000 Genomes Project.

[a]"()" indicates non-consensus GeT-RM genotypes.