

Supplementary Table S1. ABCB5 Mutations in 487 Samples<sup>1</sup>

Gene	Sample	Mutation	Mutation Type
NM_001163941.1	12T	I828I	Silent
	17T	Q187*	Nonsense
	2427TIL	S979F	Missense
	24T	S1091F	Missense
	2556TIL	V827I	Missense
	2556TIL	S830F	Missense
	32T	S1184P	Missense
	55T	E520D	Missense
	55T	Q1098*	Nonsense
	D35	G598E	Missense
	LAU165	E1083fs	Frame_Shift_Ins
	LAU50_1&2	F739F	Silent
	ME012	F751F	Silent
	ME044	G485R	Missense
	MEL-JWCI-14-Tumor	D44N	Missense
	MEL-JWCI-14-Tumor	D780N	Missense
	MEL-JWCI-WGS-11-Tumor	F1022S	Missense
	MEL-JWCI-WGS-12-Tumor	A497T	Missense
	MEL-JWCI-WGS-18-Tumor	Q779*	Nonsense
	MEL-JWCI-WGS-1-Tumor	G1055G	Silent
	MEL-JWCI-WGS-22-Tumor	D780N	Missense
	MEL-JWCI-WGS-8-Tumor	V1210V	Silent
	MEL-Ma-Mel-08a-Tumor	I507I	Silent
	MEL-Ma-Mel-119-Tumor	F1023F	Silent
	MEL-Ma-Mel-65-Tumor	S830F	Missense
	MEL-Ma-Mel-67-Tumor	N883K	Missense
	MEL-Ma-Mel-94-Tumor	P647L	Missense
	MEL-UKRV-Mel-24-Tumor	Q779*	Nonsense
	TCGA-BF-A3DL-01A-11D-A20D-08	S983L	Missense
	TCGA-D3-A3MR-06A-11D-A21A-08	S638L	Missense
	TCGA-D9-A148-06A-11D-A19A-08	S638L	Missense
	TCGA-D9-A149-06A-11D-A196-08	R587Q	Missense
	TCGA-D9-A1JX-06A-11D-A19A-08	I577I	Silent
	TCGA-DA-A1HY-06A-11D-A19A-08	F751F	Silent
	TCGA-DA-A1I5-06A-11D-A197-08	H926Y	Missense
	TCGA-DA-A1I7-06A-22D-A197-08	R1027C	Missense
	TCGA-EB-A24D-01A-11D-A197-08	G179R	Missense
	TCGA-EE-A180-06A-11D-A21A-08	G721E	Missense
	TCGA-EE-A181-06A-11D-A196-08	R587Q	Missense
	TCGA-EE-A181-06A-11D-A196-08	G758C	Missense
	TCGA-EE-A182-06A-11D-A196-08	N1133I	Missense
	TCGA-EE-A20B-06A-11D-A196-08	S645S	Silent
	TCGA-EE-A20H-06A-11D-A197-08	K980I	Missense
	TCGA-EE-A29D-06A-11D-A197-08	E520K	Missense
	TCGA-EE-A29D-06A-11D-A197-08	G754E	Missense
	TCGA-EE-A29D-06A-11D-A197-08	G814S	Missense
	TCGA-EE-A29D-06A-11D-A197-08	F896F	Silent
	TCGA-EE-A29D-06A-11D-A197-08	D1187N	Missense
TCGA-EE-A29E-06A-11D-A197-08	D624_splice	Splice_Site	
TCGA-EE-A29M-06A-11D-A196-08	P674S	Missense	
TCGA-EE-A29M-06A-11D-A196-08	I805F	Missense	
TCGA-EE-A29W-06A-11D-A196-08	G1229E	Missense	
TCGA-EE-A2GC-06A-11D-A197-08	R587*	Nonsense	
TCGA-EE-A2GC-06A-11D-A197-08	G1055G	Silent	
TCGA-EE-A2GI-06A-11D-A196-08	A895A	Silent	
TCGA-EE-A2GL-06A-11D-A196-08	R587Q	Missense	
TCGA-EE-A2GO-06A-11D-A196-08	R1027C	Missense	
TCGA-EE-A2MI-06A-11D-A197-08	G1005G	Silent	

(continued)

Supplementary Table S1. Continued

Gene	Sample	Mutation	Mutation Type
	TCGA-EE-A2MJ-06A-11D-A197-08	S710F	Missense
	TCGA-EE-A2MR-06A-11D-A196-08	R613Q	Missense
	TCGA-EE-A2MS-06A-11D-A197-08	G1005G	Silent
	TCGA-EE-A2MS-06A-11D-A197-08	R1168K	Missense
	TCGA-EE-A3AA-06A-11D-A196-08	P647S	Missense
	TCGA-EE-A3AE-06A-11D-A196-08	M949I	Missense
	TCGA-EE-A3AG-06A-31D-A196-08	M525I	Missense
	TCGA-EE-A3J5-06A-11D-A20D-08	E869E	Silent
	TCGA-FS-A1Z7-06A-11D-A197-08	R486Q	Missense
	TCGA-FS-A1ZB-06A-12D-A197-08	S638S	Silent
	TCGA-FS-A1ZK-06A-11D-A197-08	R138R	Silent
	TCGA-FS-A1ZK-06A-11D-A197-08	P1121L	Missense
	TCGA-FS-A1ZM-06A-12D-A197-08	E630K	Missense
	TCGA-FS-1ZZ-06A-11D-A197-08	D629N	Missense
	TCGA-GN-A265-06A-21D-A197-08	R938Q	Missense
	TCGA-GN-A266-06A-11D-A197-08	D597N	Missense
	TCGA-GN-A269-01A-11D-A19A-08	S830F	Missense
	TCGA-IH-A3EA-01A-11D-A20D-08	S811F	Missense
NM_001163941.1	YUAVEY	R587Q	Missense
	YUDAB	S830F	Missense
	YUDUTY	M737I	Missense
	YUGISMO	G947E	Missense
	YUGOE	R587*	Nonsense
	YUMER	S912L	Missense
	YUPROST	S650F	Missense
	YURTHE	F1137L	Missense
	YURUS	D597N	Missense

<sup>†</sup>Results from mutational data in published studies (Berger et al., 2012; Hodis et al., 2012; Krauthammer et al., 2012; Nikolaev et al., 2011; Stark et al., 2011; Wei et al., 2011) combined with The Cancer Genome Atlas exome data.