

Table S5: References used to compile variants in actionable pharmacogenes (n=13). Accessed in March 2016.

Gene	References accessed					Pharmacogenomics. phaulaval.ca	Variant alleles reported
	DPWG guidelines monograph	PharmGKB.org and CPIC	CYPalleles.ki.se	HLA.alleles.org	IMH.liu.se		
<i>CYP2B6</i>	X	X	X				*6, *5, *16, *18
<i>CYP2C9</i>	X	X	X				*2, *3, *4, *5, *6, *7, *8, *11
<i>CYP2C19</i>	X	X	X				*1, *2, *3, *4A, *4B, *5, *6, *7, *8, *9, *10, *16, *17, *19, *22, *24, *25, *26
<i>CYP2D6</i>	X	X	X				*1xN (2-13), *2xN (2-13), *3, *4, *4xN, *5, *6, *6xN, *7, *8, *9, *9xN, *10, *10xN, *11, *12, *13, *14A, *14B, *15, *16, *17, *17xN, *18, *19, *20, *21, *29, *29xN, *31, *33xN, *36, *38, *40, *41, *41xN, *42, *44, *45xN, *47, *50, *51, *53, *54, *55, *56A, *56B, *57, *59, *62, *66, *67, *68A, *68B, *69, *72, *76, *77, *78, *79, *80, *92, *100, *101
<i>CYP3A5</i>	X	X	X				*1, *2, *3, *4, *5, *6, *7
<i>DPYD</i>	X	X					*1, *2A, *3, *4, *5, *6, *7, *8, *9A, *9B, *10, *11, *12, *13, *16, *17, *18, *19, *20, *21, 2846A>T, 1236G>A,
<i>F5</i>	X	X					1691G>A
<i>HLA-A and HLA-B</i>	X	X		X			HLA-B*57:01, HLA-B*15:02, HLA-A*31:01, HLA-B*15:11
<i>SLCO1B1</i>	X	X					*1, *1B, *4, *16, *5/*15/*17
<i>TPMT</i>	X	X			X		*1, *1A, *1S, *2, *3A/*3B/*3D, *3D, *4, *5, *6, *7, *8, *9, *10, *11, *12, *13, *14, *15, *16, *17, *18
<i>UGT1A1</i>	X	X				X	*1, *2, *3, *4, *5, *6, *7, *8, *9, *10, *11, *12, *13, *14, *15, *16, *17, *18, *19, *20, *21, *22, *23, *24, *25, *26, *27, *28, *29, *30, *31, *32, *33, *34, *35, *36, *37
<i>VKORC1</i>	X	X					-1639G>A, 1173C>T