



Variant List – VeriDose® Core Panel v2.0

Gene	Nucleotide Change	Star Allele	dbSNP RS#	AMP Tier
CYP2B6	c.983T>C	*18	rs28399499	
	c.785A>G	*4 (*6, 87, *13)	rs2279343	
	c.516G>T	*9 (*6)	rs3745274	
CYP2C19	c.681G>A	*2	rs4244285	1
	c.636G>A	*3	rs4986893	1
	c.1A>G	*4	rs28399504	2
	c.-806C>T	*17 (*4.002)	rs12248560	1
	c.1297C>T	*5	rs56337013	2
	c.395G>A	*6	rs72552267	2
	c.819+2T>A	*7	rs72558186	2
	c.358T>C	*8	rs41291556	2
	c.431G>A	*9	rs17884712	2
	c.680C>T	*10	rs6413438	2
	c.332-23A>G	*35	rs12769205	2
CYP2C9	c.430C>T	*2	rs1799853	1
	c.1075A>C	*3 / *18	rs1057910	1
	c.1076T>C	*4	rs56165452	
	c.1080C>A	*5	rs28371686	1
	c.818delA	*6	rs9332131	1
	c.449G>A	*8	rs7900194	1
	c.1003C>T	*11	rs28371685	1
	c.1465C>T	*12	rs9332239	2
	c.269T>C	*13	rs72558187	2
c.485C>A	*15	rs72558190	2	
CYP2D6	c.2851C>T	*2	rs16947	1
	c.4181G>C	*2	rs1135840	1
	c.2550delA	*3	rs35742686	1
	c.1847G>A	*4	rs3892097	1
	c.1708delIT	*6	rs5030655	1
	c.2936A>C	*7	rs5030867	2
	c.1759G>T	*8	rs5030865	2
	c.2616delAAG	*9	rs5030656	1
	c.100C>T	*10	rs1065852	1
	c.882G>C	*11	rs201377835	
	c.124G>A	*12	rs5030862	2
	c.1759G>A	*14	rs5030865	2
	c.137_138insT	*15	rs774671100	2
c.1022C>T	*17	rs28371706	1	

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CYP2D6	c.4135_4136insTGCCCACTG	*18	rs765776661	
	c.2540delAACT	*19	rs72549353	
	c.2580_2581insC	*21	rs72549352	2
	c.3184G>A	*29	rs59421388	1
	c.1660G>A	*29	rs61736512	1
	c.1864_1865insTTTCGCCCC	*30;*40;*58	rs72549356	2
	c.4043G>A	*31	rs267608319	2
	c.2989G>A	*41	rs28371725	1
	c.3261_3262insTG	*42	rs72549346	2
	c.1612T>A	*49/*53	rs1135822	2
	c.2557C>T	*54	rs267608297	
	c.3202C>T	*56	rs72549347	2
	c.2940G>A	*59	rs79292917	2
CYP3A4	c.522-191C>T	*22	rs35599367	1
	c.1461dup	*20	rs67666821	2
CYP3A5	c.219-237A>G	*3	rs776746	1
	c.624G>A	*6	rs10264272	1
	c.1035dup	*7	rs41303343	1
CYP4F2	c.1297G>A	*3	rs2108622	2
DPYD	c.1679T>G	*13	rs55886062	1
	c.1905+1G>A	*2	rs3918290	1
	c.1898delC	*3	rs72549303	
	c.2846A>T	c.2846A>T	rs67376798	1
	c.557A>G	c.557A>G	rs115232898	1
	c.1236G>A	HapB3;	rs56038477	
	c.1129-5923C>G	HapB3; c.1129-5923C>G	rs75017182	1
HLA-A		*31:01		
HLA-B		*15:02		
		*57:01		
		*58:01		
NUDT15	c.415C>T	*3 (*2)	rs116855232	1
	c.416G>A	*4	rs147390019	2
	37_42delGGAGTC (c.50_55del, c.50_55dup)	*9 (*2, *6)	rs746071566	2
	c.80_81insCGGG	*14	rs777311140	2
SLCO1B1	c.521T>C	*5	rs4149056	
TPMT	c.238G>C	*2	rs1800462	1
	c.719A>G	*3C (*3A)	rs1142345	1
	c.460G>A	*3B (*3A)	rs1800460	1
	g.29363G>A	*4	rs1800584	

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Gene	Nucleotide Change	Star Allele	dbSNP RS#	AMP Tier
<i>TPMT</i>	c.395G>A	*11	rs72552738	2
	c.2T>C	*29	rs267607275	2
	c.95dup	*42	rs759836180	2
<i>UGT1A1</i>	c.862-6536G>A	*6	rs4148323	
<i>VKORC1</i>	c.-1639G>A	1639G>A	rs9923231	1
	c.196G>A	c.196G>A	rs72547529	2
	c.106G>T	c.106G>T	rs61742245	2
2C Cluster	g.96405502G>A		rs12777823	2

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