



Variant List – VeriDose® Core Panel

Gene	Nucleotide Change	Amino Acid Change / Star Allele	dbSNP RS#
ABCB1	c.3435C>T	p.I1145=	rs1045642
APOE	c.388T>C	p.C130R	rs429358
	c.526C>T	p.R176C	rs7412
COMT	c.472G>A	p.V158M	rs4680
CYP1A2	g.-3860G>A	*1C	rs2069514
	g.-163C>A	*1F	rs762551
	g.-729C>T	*1K	rs12720461
	g.3533G>A	*7	rs56107638
	g.558C>A	*11	rs72547513
CYP2B6	c.516G>A	*6	rs3745274
	c.983T>C	*18	rs28399499
CYP2C19	c.681G>A	*2	rs4244285
	c.636G>A	*3	rs4986893
	c.1A>G	*4	rs28399504
	c.1297C>T	*5	rs56337013
	c.395G>A	*6	rs72552267
	g.19294T>A	*7	rs72558186
	c.358T>C	*8	rs41291556
	g.-806C>T	*17	rs12248560
CYP2C9	c.430C>T	*2	rs1799853
	c.1075A>C	*3	rs1057910
	c.1076T>C	*4	rs56165452
	c.1080C>G	*5	rs28371686
	c.818delA	*6	rs9332131
	c.449G>A	*8	rs7900194
	c.1003C>T	*11	rs28371685
	c.1465C>T	*12	rs9332239
	c.269T>C	*13	rs72558187
	c.485C>A	*15	rs72558190
CYP2D6	g.2850C>T	*2, multiple	rs16947
	g.4180G>C	*2, multiple	rs1135840
	g.2549delA	*3	rs35742686
	g.1846G>A	*4	rs3892097
	g.1707delT	*6	rs5030655
	g.2935A>C	*7	rs5030867
	g.1758G>T	*8	rs5030865
	g.2613_2615delAGA (g.2615_2617delAAG)	*9	rs5030656
	g.100C>T	*10, multiple	rs1065852

Variant List – VeriDose® Panel (PAGE 2 OF 2)

Gene	Nucleotide Change	Amino Acid Change / Star Allele	dbSNP RS#
CYP2D6	c.883G>C	*11	rs201377835 rs5030863
	g.124G>A	*12	rs5030862
	g.1758G>A	*14	rs5030865
	g.137-138insT	*15	rs72549357
	g.1023C>T	*17	rs28371706
	c.dup4125-4133	*18	dup4125_4133
	c.2539_2542delAACT	*19	rs72549353
	c.1973_1974insG	*20	rs72549354
	g.3183G>A	*29	rs59421388
	g.2988G>A	*41	rs28371725
		CNV	CNV
CYP3A4	c.664T>C	*2	rs55785340
	c.566 T>C	*17	rs4987161
	g.15389C>T	*22	rs35599367
CYP3A5	g.27289C>A	*2	rs28365083
	g.6986A>G	*3	rs776746
	c.624G>A	*6	rs10264272
	g.27131_27132insT	*7	rs41303343
DRD2	c.2137G>A	p.E713K / Taq1A	rs1800497
F2	c.*97G>A	p.G20210A	rs1799963
F5	c.1601G>A	p.R506Q	rs6025
GLP1R	c.780A>C/T	p.L260F	rs1042044
	c.502G>A/C	p.G168R/G168S	rs6923761
	c.510-1135T>G		rs2300615
MTHFR	c.665C>T	p.A222V	rs1801133
	c.1286A>C	p.E429A	rs1801131
OPRM1	c.118A>G	p.A118G	rs1799971
PNPLA5	c.608-169G>A		rs5764010
SLCO1B1	c.521T>C	p.V174A	rs4149056
SULT4A1	c.743-374A>G		rs763120
VKORC1	c.-1639G>A	1639 G>A	rs9923231

For Research Use Only. Not for use in diagnostic procedures.

2

Agena Bioscience, Inc.
4755 Eastgate Mall
San Diego, CA 92121
Phone: +1.858.882.2800

Order Desk: +1.858.202.9301
Order Desk Fax: +1.858.202.9220
orderdesk@agenabio.com
Web: agenabio.com

US +1.877.4.GENOME
EU +49.40.899676.0
AP +61.7.3088.1600
CN +86.21.6427.0566

