

Drug Labels

PharmGKB annotates drug labels containing pharmacogenetic information approved by the [US Food and Drug Administration](https://api.pharmgkb.org/v1/site/redirect?p=http%3A%2F%2Fwww.fda.gov%2F) (FDA), [European Medicines Agency](https://api.pharmgkb.org/v1/site/redirect?p=http%3A%2F%2Fwww.ema.europa.eu%2Fema%2F) (EMA), [Pharmaceuticals and Medical Devices Agency, Japan](https://api.pharmgkb.org/v1/site/redirect?p=http%3A%2F%2Fwww.pmda.go.jp%2Fenglish%2F) (PMDA) and [Health Canada](https://api.pharmgkb.org/v1/site/redirect?p=http%3A%2F%2Fwww.hc-sc.gc.ca%2Fdhp-mps%2Findex-eng.php) (HCSC). PharmGKB annotations provide a brief summary of the PGx in the label, an excerpt from the label and a downloadable highlighted label PDF file. A list of genes and phenotypes found within the label is mapped to label section headers and listed at the end of each annotation. PharmGKB also attempts to interpret the level of action implied in each label with the "PGx Level(/page/drugLabelLegend)" tag.

See the [legend\(/page/drugLabelLegend\)](#) for more information about drug label sources and PGx Levels.

We welcome any information regarding drug labels containing PGx information approved by the FDA, EMA, PMDA, HCSC or other Medicine Agencies around the world - please contact [feedback\(mailto:feedback@pharmgkb.org\)](mailto:feedback@pharmgkb.org).

- B Only FDA Biomarker drugs
 Only labels with dosing info

Drug	FDA	EMA	PMDA	HCSC
abacavir(/molecule/PA448004)	B Genetic testing required (/view/drug-label.do?id=PA166104833)	Genetic testing required (/view/drug-label.do?id=PA166104896)	Informative PGx (/view/drug-label.do?id=PA166123553)	Genetic testing required (/view/drug-label.do?id=PA166127627)
abiraterone(/molecule/PA166123407)	Informative PGx (/view/drug-label.do?id=PA166124618)			
acetaminophen(/molecule/PA448015)				Actionable PGx (/view/drug-label.do?id=PA166127628)
afatinib(/molecule/PA165981154)	B Genetic testing required (/view/drug-label.do?id=PA166114903)	Genetic testing required (/view/drug-label.do?id=PA166119823)		Genetic testing required (/view/drug-label.do?id=PA166127629)
afutuzumab(/molecule/PA166122586)	B Informative PGx (/view/drug-label.do?id=PA166122589)			Informative PGx (/view/drug-label.do?id=PA166159584)
alectinib(/molecule/PA166160050)	B Genetic testing required (/view/drug-label.do?id=PA166160051)			
alirocumab(/molecule/PA166159961)	B Actionable PGx (/view/drug-label.do?id=PA166159962)			
aliskiren(/molecule/PA143487910)		Informative PGx (/view/drug-label.do?id=PA166123409)		Informative PGx (/view/drug-label.do?id=PA166159586)
allopurinol(/molecule/PA448320)			Actionable PGx (/view/drug-label.do?id=PA166160668)	
amitriptyline(/molecule/PA448385)	B Actionable PGx (/view/drug-label.do?id=PA166104856)			
anastrozole(/molecule/PA448432)	B Genetic testing required (/view/drug-label.do?id=PA166105070)			Genetic testing required (/view/drug-label.do?id=PA166127630)
arformoterol(/molecule/PA164743977)	B Informative PGx (/view/drug-label.do?id=PA166127662)			
aripiprazole(/molecule/PA10026)	B Actionable PGx (/view/drug-label.do?id=PA166104839) has dosing information	Actionable PGx (/view/drug-label.do?id=PA166104899)		Actionable PGx (/view/drug-label.do?id=PA166127631)

Drug	FDA	EMA	PMDA	HCSC
aripiprazole lauroxil(/molecule/PA166161216)	B Actionable PGx (/view/drug-label.do?id=PA166161219) <i>has dosing information</i>			
arsenic trioxide(/molecule/PA448486)	B Genetic testing required (/view/drug-label.do?id=PA166104846)	Genetic testing required (/view/drug-label.do?id=PA166104821)	Genetic testing required (/view/drug-label.do?id=PA166123527)	Genetic testing required (/view/drug-label.do?id=PA166127632)
atazanavir(/molecule/PA10251)		Genetic testing recommended (/view/drug-label.do?id=PA166123421)	Actionable PGx (/view/drug-label.do?id=PA166161536)	Informative PGx (/view/drug-label.do?id=PA166159707)
atomoxetine(/molecule/PA134688071)	B Actionable PGx (/view/drug-label.do?id=PA166104827) <i>has dosing information</i>		Actionable PGx (/view/drug-label.do?id=PA166123528)	Actionable PGx (/view/drug-label.do?id=PA166127633)
atorvastatin(/molecule/PA448500)	Actionable PGx (/view/drug-label.do?id=PA166104775)		Actionable PGx (/view/drug-label.do?id=PA166123529)	Actionable PGx (/view/drug-label.do?id=PA166127634)
axitinib(/molecule/PA164924493)		Informative PGx (/view/drug-label.do?id=PA166123387)		
azathioprine(/molecule/PA448515)	B Genetic testing recommended (/view/drug-label.do?id=PA166104782)		Actionable PGx (/view/drug-label.do?id=PA166123530)	Actionable PGx (/view/drug-label.do?id=PA166127635)
belimumab(/molecule/PA166114904)	Informative PGx (/view/drug-label.do?id=PA166114905)	Informative PGx (/view/drug-label.do?id=PA166119824)		Informative PGx (/view/drug-label.do?id=PA166159938)
belinostat(/molecule/PA165971474)	B Actionable PGx (/view/drug-label.do?id=PA166129553) <i>has dosing information</i>			
blinatumomab(/molecule/PA166129524)	B Actionable PGx (/view/drug-label.do?id=PA166159963)			
boceprevir(/molecule/PA165948902)	B Informative PGx (/view/drug-label.do?id=PA166104855)	Informative PGx (/view/drug-label.do?id=PA166104872)		Informative PGx (/view/drug-label.do?id=PA166127640)
bosutinib(/molecule/PA166114906)	B Genetic testing required (/view/drug-label.do?id=PA166114907)	Genetic testing required (/view/drug-label.do?id=PA166117941)		Genetic testing required (/view/drug-label.do?id=PA166127641)
brentuximab vedotin(/molecule/PA165948903)	Informative PGx (/view/drug-label.do?id=PA166104778)	Genetic testing required (/view/drug-label.do?id=PA166104904)		Informative PGx (/view/drug-label.do?id=PA166160288)
brexpiprazole(/molecule/PA166160053)	B Actionable PGx (/view/drug-label.do?id=PA166160054) <i>has dosing information</i>			
brivaracetam(/molecule/PA166153491)	Actionable PGx (/view/drug-label.do?id=PA166153492) <i>has dosing information</i>			Informative PGx (/view/drug-label.do?id=PA166160289)
busulfan(/molecule/PA448691)	B Actionable PGx (/view/drug-label.do?id=PA166104795)			
cabazitaxel(/molecule/PA165958401)		Informative PGx (/view/drug-label.do?id=PA166123048)		
cabozantinib(/molecule/PA165906891)	B Informative PGx (/view/drug-label.do?id=PA166160021)			
capecitabine(/molecule/PA448771)	B Actionable PGx (/view/drug-label.do?id=PA166104802)	Actionable PGx (/view/drug-label.do?id=PA166104905)	Actionable PGx (/view/drug-label.do?id=PA166123531)	Actionable PGx (/view/drug-label.do?id=PA166127644)

Drug	FDA	EMA	PMDA	HCSC
carbamazepine(/molecule/PA448785)	B Genetic testing required (/view/drug-label.do?id=PA166104780)		Actionable PGx (/view/drug-label.do?id=PA166123532)	Genetic testing recommended (/view/drug-label.do?id=PA166127645)
carglumic acid(/molecule/PA165958402)	B Genetic testing required (/view/drug-label.do?id=PA166114908)	Genetic testing required (/view/drug-label.do?id=PA166119825)		Genetic testing required (/view/drug-label.do?id=PA166129525)
carisoprodol(/molecule/PA448809)	B Actionable PGx (/view/drug-label.do?id=PA166104832)			
carvedilol(/molecule/PA448817)	B Actionable PGx (/view/drug-label.do?id=PA166104813)			Actionable PGx (/view/drug-label.do?id=PA166127646)
celecoxib(/molecule/PA448871)	B Actionable PGx (/view/drug-label.do?id=PA166104843) <i>has dosing information</i>		Actionable PGx (/view/drug-label.do?id=PA166160153)	Actionable PGx (/view/drug-label.do?id=PA166127647)
ceritinib(/molecule/PA166124616)	B Genetic testing required (/view/drug-label.do?id=PA166124617)	Genetic testing required (/view/drug-label.do?id=PA166129449)		Genetic testing required (/view/drug-label.do?id=PA166129526)
cetuximab(/molecule/PA10040)	B Genetic testing required (/view/drug-label.do?id=PA166104826)	Genetic testing required (/view/drug-label.do?id=PA166104908)	Genetic testing required (/view/drug-label.do?id=PA166160274)	Genetic testing required (/view/drug-label.do?id=PA166127648)
cevimeline(/molecule/PA164754754)	B Actionable PGx (/view/drug-label.do?id=PA166104787)			
chloroquine(/molecule/PA448948)	B Actionable PGx (/view/drug-label.do?id=PA166104786)			
chlorpropamide(/molecule/PA448966)	B Actionable PGx (/view/drug-label.do?id=PA166114910)			Actionable PGx (/view/drug-label.do?id=PA166127649)
cholic acid(/molecule/PA166160055)	B Genetic testing required (/view/drug-label.do?id=PA166160056)			
cisplatin(/molecule/PA449014)	B Informative PGx (/view/drug-label.do?id=PA166104853)			
citalopram(/molecule/PA449015)	B Actionable PGx (/view/drug-label.do?id=PA166104852) <i>has dosing information</i>			Actionable PGx (/view/drug-label.do?id=PA166127650)
clobazam(/molecule/PA10888)	B Actionable PGx (/view/drug-label.do?id=PA166104884) <i>has dosing information</i>			
clomifene(/molecule/PA449046)	(/view/drug-label.do?id=PA166104929)			
clomipramine(/molecule/PA449048)	B Actionable PGx (/view/drug-label.do?id=PA166104875)			
clopidogrel(/molecule/PA449053)	B Genetic testing recommended (/view/drug-label.do?id=PA166104777)	Actionable PGx (/view/drug-label.do?id=PA166104841)	Actionable PGx (/view/drug-label.do?id=PA166123535)	Actionable PGx (/view/drug-label.do?id=PA166127653)
clozapine(/molecule/PA449061)	B Actionable PGx (/view/drug-label.do?id=PA166104815)			
cobimetinib(/molecule/PA166160044)	B Genetic testing required (/view/drug-label.do?id=PA166160045)			
codeine(/molecule/PA449088)	B Actionable PGx (/view/drug-label.do?id=PA166104916)		Actionable PGx (/view/drug-label.do?id=PA166160226)	Actionable PGx (/view/drug-label.do?id=PA166127654)

Drug	FDA	EMA	PMDA	HCSC
crizotinib(/molecule/PA165946122)	B Genetic testing required (/view/drug-label.do?id=PA166104859)	Genetic testing required (/view/drug-label.do?id=PA166104909)	Genetic testing required (/view/drug-label.do?id=PA166123536)	Genetic testing required (/view/drug-label.do?id=PA166127655)
dabrafenib(/molecule/PA166114911)	B Genetic testing required (/view/drug-label.do?id=PA166114912)	Genetic testing required (/view/drug-label.do?id=PA166119826)		Genetic testing required (/view/drug-label.do?id=PA166127656)
dapson(/molecule/PA449211)	B Actionable PGx (/view/drug-label.do?id=PA166104845)		Actionable PGx (/view/drug-label.do?id=PA166160683)	Actionable PGx (/view/drug-label.do?id=PA166127657)
darifenacin(/molecule/PA164774901)	Actionable PGx (/view/drug-label.do?id=PA166122971)	Actionable PGx (/view/drug-label.do?id=PA166122966)		Actionable PGx (/view/drug-label.do?id=PA166127659)
darunavir(/molecule/PA163522472)		Informative PGx (/view/drug-label.do?id=PA166123424)		
dasatinib(/molecule/PA162372878)	B Genetic testing required (/view/drug-label.do?id=PA166104781)	Genetic testing required (/view/drug-label.do?id=PA166104914)	Genetic testing required (/view/drug-label.do?id=PA166123537)	Genetic testing required (/view/drug-label.do?id=PA166127660)
denileukin diftitox(/molecule/PA164750594)	B Genetic testing required (/view/drug-label.do?id=PA166104883)			
desflurane(/molecule/PA164749136)	Actionable PGx (/view/drug-label.do?id=PA166129515)			Actionable PGx (/view/drug-label.do?id=PA166129516)
desipramine(/molecule/PA449233)	B Actionable PGx (/view/drug-label.do?id=PA166104862)			
desloratadine(/molecule/PA164776964)	(/view/drug-label.do?id=PA166104861)	Informative PGx (/view/drug-label.do?id=PA166104882)		
dexlansoprazole(/molecule/PA166110257)	B Actionable PGx (/view/drug-label.do?id=PA166104863)			Actionable PGx (/view/drug-label.do?id=PA166127661)
dextromethorphan(/molecule/PA449273)	B Genetic testing recommended (/view/drug-label.do?id=PA166104886)	Actionable PGx (/view/drug-label.do?id=PA166119827)		
diazepam(/molecule/PA449283)	B Actionable PGx (/view/drug-label.do?id=PA166104784)			
dinutuximab(/molecule/PA166160060)	B Informative PGx (/view/drug-label.do?id=PA166160061)			
divalproex sodium(/molecule/PA164783479)	Genetic testing required (/view/drug-label.do?id=PA166127663)			Genetic testing required (/view/drug-label.do?id=PA166127665)
dolutegravir(/molecule/PA166114961)	B Actionable PGx (/view/drug-label.do?id=PA166160010)			
doxepin(/molecule/PA449409)	B Actionable PGx (/view/drug-label.do?id=PA166104820)			
dronedarone(/molecule/PA153619853)		Informative PGx (/view/drug-label.do?id=PA166123414)		
drospirenone(/molecule/PA164749409)	B Informative PGx (/view/drug-label.do?id=PA166104814)			Actionable PGx (/view/drug-label.do?id=PA166127666)
efavirenz(/molecule/PA449441)		Actionable PGx (/view/drug-label.do?id=PA166123422)	Actionable PGx (/view/drug-label.do?id=PA166160162)	Actionable PGx (/view/drug-label.do?id=PA166127667)
eliglustat(/molecule/PA166123486)	B Genetic testing required (/view/drug-label.do?id=PA166123487) <i>has dosing information</i>	Genetic testing required (/view/drug-label.do?id=PA166129447)	Genetic testing required (/view/drug-label.do?id=PA166160709)	

Drug	FDA	EMA	PMDA	HCSC
elosulfase alfa(/molecule/PA166159062)	B Genetic testing required (/view/drug-label.do?id=PA166159064)			
eltrombopag(/molecule/PA165981594)	B Actionable PGx (/view/drug-label.do?id=PA166104912)	Actionable PGx (/view/drug-label.do?id=PA166104907)	Actionable PGx (/view/drug-label.do?id=PA166123538)	Actionable PGx (/view/drug-label.do?id=PA166127668)
emtricitabine(/molecule/PA10069)		Actionable PGx (/view/drug-label.do?id=PA166123422)		Actionable PGx (/view/drug-label.do?id=PA166127667)
erlotinib(/molecule/PA134687924)	B Genetic testing required (/view/drug-label.do?id=PA166104785)	Genetic testing required (/view/drug-label.do?id=PA166104844)	Genetic testing required (/view/drug-label.do?id=PA166160710)	Genetic testing required (/view/drug-label.do?id=PA166127669)
erythromycin(/molecule/PA449493)	Actionable PGx (/view/drug-label.do?id=PA166104895)			Actionable PGx (/view/drug-label.do?id=PA166127717)
escitalopram(/molecule/PA10074)	B Actionable PGx (/view/drug-label.do?id=PA166105012)		Actionable PGx (/view/drug-label.do?id=PA166160669)	
esomeprazole(/molecule/PA10075)	B Actionable PGx (/view/drug-label.do?id=PA166104816)	Informative PGx (/view/drug-label.do?id=PA166120286)		Informative PGx (/view/drug-label.do?id=PA166127670)
ethinyl estradiol(/molecule/PA449527)	B Informative PGx (/view/drug-label.do?id=PA166104814)	Genetic testing required (/view/drug-label.do?id=PA166120287)		Actionable PGx (/view/drug-label.do?id=PA166127666)
everolimus(/molecule/PA164746311)	B Genetic testing required (/view/drug-label.do?id=PA166104913)	Genetic testing required (/view/drug-label.do?id=PA166104911)	Genetic testing required (/view/drug-label.do?id=PA166160711)	Genetic testing required (/view/drug-label.do?id=PA166127671)
evolocumab(/molecule/PA166160027)	B Actionable PGx (/view/drug-label.do?id=PA166160039)			
exemestane(/molecule/PA449563)	B Genetic testing required (/view/drug-label.do?id=PA166104923)			Genetic testing required (/view/drug-label.do?id=PA166127672)
fampridine(/molecule/PA166123389)		Informative PGx (/view/drug-label.do?id=PA166123390)		
fesoterodine(/molecule/PA165958376)	Actionable PGx (/view/drug-label.do?id=PA166122972)	Actionable PGx (/view/drug-label.do?id=PA166122967)	Actionable PGx (/view/drug-label.do?id=PA166160712)	Actionable PGx (/view/drug-label.do?id=PA166127673)
flibanserin(/molecule/PA166153431)	Actionable PGx (/view/drug-label.do?id=PA166153432)			
fluorouracil(/molecule/PA128406956)	B Actionable PGx (/view/drug-label.do?id=PA166104807)		Actionable PGx (/view/drug-label.do?id=PA166123539)	Actionable PGx (/view/drug-label.do?id=PA166127674)
fluoxetine(/molecule/PA449673)	B Informative PGx (/view/drug-label.do?id=PA166104835)			
flurbiprofen(/molecule/PA449683)	B Informative PGx (/view/drug-label.do?id=PA166104922)			
fluvoxamine(/molecule/PA449690)	B Actionable PGx (/view/drug-label.do?id=PA166104854)			
fosamprenavir(/molecule/PA10084)		Informative PGx (/view/drug-label.do?id=PA166123420)		
fulvestrant(/molecule/PA164747170)	B Genetic testing required (/view/drug-label.do?id=PA166104792)	Genetic testing required (/view/drug-label.do?id=PA166104919)	Genetic testing required (/view/drug-label.do?id=PA166123540)	
galantamine(/molecule/PA449726)	B Informative PGx (/view/drug-label.do?id=PA166104869)			Informative PGx (/view/drug-label.do?id=PA166127675)

Drug	FDA	EMA	PMDA	HCSC
gefitinib(/molecule/PA131301952)	B Genetic testing required (/view/drug-label.do?id=PA166104789)	Genetic testing required (/view/drug-label.do?id=PA166104930)	Genetic testing required (/view/drug-label.do?id=PA166123541)	Genetic testing required (/view/drug-label.do?id=PA166127676)
glibenclamide(/molecule/PA449782)	B Actionable PGx (/view/drug-label.do?id=PA166104881)			Actionable PGx (/view/drug-label.do?id=PA166127677)
glimepiride(/molecule/PA449761)	B Actionable PGx (/view/drug-label.do?id=PA166105147)	Actionable PGx (/view/drug-label.do?id=PA166120370)		Actionable PGx (/view/drug-label.do?id=PA166127678)
glipizide(/molecule/PA449762)	B Actionable PGx (/view/drug-label.do?id=PA166105148)			
homoharringtonine(/molecule/PA166114929)	B Informative PGx (/view/drug-label.do?id=PA166114930)			
hydralazine(/molecule/PA449894)	B Informative PGx (/view/drug-label.do?id=PA166104828)			
ibrutinomab(/molecule/PA164781375)	Informative PGx (/view/drug-label.do?id=PA166114921)	Informative PGx (/view/drug-label.do?id=PA166121246)		
ibrutinib(/molecule/PA166121346)	B Genetic testing required (/view/drug-label.do?id=PA166127664)	Genetic testing required (/view/drug-label.do?id=PA166129448)		Genetic testing required (/view/drug-label.do?id=PA166127681)
iloperidone(/molecule/PA161199368)	B Actionable PGx (/view/drug-label.do?id=PA166104887) <i>has dosing information</i>			
imatinib(/molecule/PA10804)	B Genetic testing required (/view/drug-label.do?id=PA166104790)	Genetic testing required (/view/drug-label.do?id=PA166104926)	Genetic testing required (/view/drug-label.do?id=PA166123542)	Genetic testing required (/view/drug-label.do?id=PA166127682)
imipramine(/molecule/PA449969)	B Actionable PGx (/view/drug-label.do?id=PA166104879)			
indacaterol(/molecule/PA165958348)	B Informative PGx (/view/drug-label.do?id=PA166104800)	Informative PGx (/view/drug-label.do?id=PA166104779)	Actionable PGx (/view/drug-label.do?id=PA166123543)	
indinavir(/molecule/PA449977)		Informative PGx (/view/drug-label.do?id=PA166123419)		
irinotecan(/molecule/PA450085)	B Actionable PGx (/view/drug-label.do?id=PA166104831) <i>has dosing information</i>		Genetic testing recommended (/view/drug-label.do?id=PA166123526)	Actionable PGx (/view/drug-label.do?id=PA166127683)
isoflurane(/molecule/PA450106)	Actionable PGx (/view/drug-label.do?id=PA166129517)			Actionable PGx (/view/drug-label.do?id=PA166129518)
isoniazid(/molecule/PA450112)	B Informative PGx (/view/drug-label.do?id=PA166104850)		Informative PGx (/view/drug-label.do?id=PA166161087)	
isosorbide dinitrate(/molecule/PA450125)	B Informative PGx (/view/drug-label.do?id=PA166104828)			
ivabradine(/molecule/PA166123415)		Informative PGx (/view/drug-label.do?id=PA166123416)		
ivacaftor(/molecule/PA165950341)	B Genetic testing required (/view/drug-label.do?id=PA166104890)	Genetic testing required (/view/drug-label.do?id=PA166104928)		Genetic testing required (/view/drug-label.do?id=PA166127684)
ivacaftor / lumacaftor(/molecule/PA166152935)	B Genetic testing required (/view/drug-label.do?id=PA166152939)			
lacosamide(/molecule/PA166160048)	B Informative PGx (/view/drug-label.do?id=PA166160049)			

Drug	FDA	EMA	PMDA	HCSC
lansoprazole/(molecule/PA450180)	B Informative PGx (/view/drug-label.do?id=PA166104898)			
lapatinib/(molecule/PA152241907)	B Genetic testing required (/view/drug-label.do?id=PA166104791)	Genetic testing required (/view/drug-label.do?id=PA166104840)	Genetic testing required (/view/drug-label.do?id=PA166123544)	Genetic testing required (/view/drug-label.do?id=PA166127685)
lenalidomide/(molecule/PA162363968)	B Informative PGx (/view/drug-label.do?id=PA166104834)	Informative PGx (/view/drug-label.do?id=PA166104927)	Informative PGx (/view/drug-label.do?id=PA166123545)	Informative PGx (/view/drug-label.do?id=PA166127686)
lesinurad/(molecule/PA166160006)	B Actionable PGx (/view/drug-label.do?id=PA166160007)			
letrozole/(molecule/PA450196)	B Genetic testing required (/view/drug-label.do?id=PA166104797)		Actionable PGx (/view/drug-label.do?id=PA166160717)	Genetic testing required (/view/drug-label.do?id=PA166127687)
lidocaine/(molecule/PA450226)	B Actionable PGx (/view/drug-label.do?id=PA166105178)			
lomitapide/(molecule/PA166114922)	B Actionable PGx (/view/drug-label.do?id=PA166114923)	Genetic testing required (/view/drug-label.do?id=PA166121250)		Actionable PGx (/view/drug-label.do?id=PA166127688)
mafenide/(molecule/PA166114925)	B Actionable PGx (/view/drug-label.do?id=PA166114926)			
maraviroc/(molecule/PA164768835)	Genetic testing required (/view/drug-label.do?id=PA166104803)	Genetic testing required (/view/drug-label.do?id=PA166104924)		Genetic testing required (/view/drug-label.do?id=PA166127689)
mercaptapurine/(molecule/PA450379)	B Genetic testing recommended (/view/drug-label.do?id=PA166104810)	Actionable PGx (/view/drug-label.do?id=PA166121251)		Actionable PGx (/view/drug-label.do?id=PA166127690)
methylene blue/(molecule/PA450457)	B Actionable PGx (/view/drug-label.do?id=PA166104878)	Actionable PGx (/view/drug-label.do?id=PA166104823)	Actionable PGx (/view/drug-label.do?id=PA166160718)	
metoclopramide/(molecule/PA450475)	B Actionable PGx (/view/drug-label.do?id=PA166105195)			
metoprolol/(molecule/PA450480)	B Informative PGx (/view/drug-label.do?id=PA166104836)			Actionable PGx (/view/drug-label.do?id=PA166127691)
mipomersen/(molecule/PA166114927)	B Actionable PGx (/view/drug-label.do?id=PA166114928)			
modafinil/(molecule/PA450530)	B Actionable PGx (/view/drug-label.do?id=PA166104868)			
mycophenolic acid/(molecule/PA164748728)	B Actionable PGx (/view/drug-label.do?id=PA166104877)		Actionable PGx (/view/drug-label.do?id=PA166123546)	Actionable PGx (/view/drug-label.do?id=PA166127692)
nalidixic acid/(molecule/PA164746384)	B Actionable PGx (/view/drug-label.do?id=PA166104891)		Actionable PGx (/view/drug-label.do?id=PA166160719)	
nefazodone/(molecule/PA450603)	B Informative PGx (/view/drug-label.do?id=PA166104880)			
nelfinavir/(molecule/PA450606)	Informative PGx (/view/drug-label.do?id=PA166104808)	Informative PGx (/view/drug-label.do?id=PA166105315)		
nilotinib/(molecule/PA165958345)	B Genetic testing required (/view/drug-label.do?id=PA166104842)	Genetic testing required (/view/drug-label.do?id=PA166105334)		Genetic testing required (/view/drug-label.do?id=PA166127693)
nitrofurantoin/(molecule/PA450640)	B Actionable PGx (/view/drug-label.do?id=PA166104903)			Actionable PGx (/view/drug-label.do?id=PA166127694)

Drug	FDA	EMA	PMDA	HCSC
nivolumab(/molecule/PA166129522)	B Informative PGx (/view/drug-label.do?id=PA166160121)			
norelgestromin(/molecule/PA164953212)		Genetic testing required (/view/drug-label.do?id=PA166120287)		Actionable PGx (/view/drug-label.do?id=PA166127695)
norfloxacin(/molecule/PA450654)	Actionable PGx (/view/drug-label.do?id=PA166104885)			Actionable PGx (/view/drug-label.do?id=PA166127696)
nortriptyline(/molecule/PA450657)	B Actionable PGx (/view/drug-label.do?id=PA166104888)			Actionable PGx (/view/drug-label.do?id=PA166127697)
ofatumumab(/molecule/PA165291493)	Informative PGx (/view/drug-label.do?id=PA166105059)	Informative PGx (/view/drug-label.do?id=PA166121252)		
olanzapine(/molecule/PA450688)	Informative PGx (/view/drug-label.do?id=PA166104788)	Informative PGx (/view/drug-label.do?id=PA166104915)		
olaparib(/molecule/PA164920420)	B Genetic testing required (/view/drug-label.do?id=PA166159964)			
omeprazole(/molecule/PA450704)	B Informative PGx (/view/drug-label.do?id=PA166104921)		Informative PGx (/view/drug-label.do?id=PA166160720)	Informative PGx (/view/drug-label.do?id=PA166127698)
osimertinib(/molecule/PA166131626)	B Genetic testing required (/view/drug-label.do?id=PA166131627)			
oxcarbazepine(/molecule/PA450732)	Genetic testing recommended (/view/drug-label.do?id=PA166105213)			
palbociclib(/molecule/PA166153469)	B Genetic testing required (/view/drug-label.do?id=PA166160133)			
palonosetron(/molecule/PA10352)	B Informative PGx (/view/drug-label.do?id=PA166160052)			
panitumumab(/molecule/PA162373091)	B Genetic testing required (/view/drug-label.do?id=PA166104809)	Genetic testing required (/view/drug-label.do?id=PA166105319)	Genetic testing required (/view/drug-label.do?id=PA166123547)	Genetic testing required (/view/drug-label.do?id=PA166127699)
pantoprazole(/molecule/PA450774)	B Actionable PGx (/view/drug-label.do?id=PA166104901)			
Parathyroid Hormones And Analogues(/molecule/PA164713150)	B Actionable PGx (/view/drug-label.do?id=PA166160040)			
paroxetine(/molecule/PA450801)	B Informative PGx (/view/drug-label.do?id=PA166104864)			
pazopanib(/molecule/PA165291492)	B Actionable PGx (/view/drug-label.do?id=PA166105058)	Actionable PGx (/view/drug-label.do?id=PA166121326)		
peginterferon alfa-2b(/molecule/PA164784024)	Actionable PGx (/view/drug-label.do?id=PA166104801)			
pegloticase(/molecule/PA165963961)	B Genetic testing recommended (/view/drug-label.do?id=PA166104900)	Genetic testing required (/view/drug-label.do?id=PA166121327)		
pembrolizumab(/molecule/PA166124615)	B Genetic testing required (/view/drug-label.do?id=PA166160009)			
perphenazine(/molecule/PA450882)	B Actionable PGx (/view/drug-label.do?id=PA166104893)		Actionable PGx (/view/drug-label.do?id=PA166160845)	

Drug	FDA	EMA	PMDA	HCSC
pertuzumab(/molecule/PA165290933)	B Genetic testing required (/view/drug-label.do?id=PA166104889)	Genetic testing required (/view/drug-label.do?id=PA166122066)		Genetic testing required (/view/drug-label.do?id=PA166127700)
phenylacetic acid(/molecule/PA165950342)	B Genetic testing required (/view/drug-label.do?id=PA166104794)			
phenytoin(/molecule/PA450947)	B Actionable PGx (/view/drug-label.do?id=PA166104860)			Genetic testing recommended (/view/drug-label.do?id=PA166127701)
pimozide(/molecule/PA450965)	B Genetic testing required (/view/drug-label.do?id=PA166104870) <i>has dosing information</i>			
ponatinib(/molecule/PA165980594)	B Actionable PGx (/view/drug-label.do?id=PA166114931)	Genetic testing required (/view/drug-label.do?id=PA166122067)		Genetic testing required (/view/drug-label.do?id=PA166129527)
posaconazole(/molecule/PA151958574)		Informative PGx (/view/drug-label.do?id=PA166123418)		
prasugrel(/molecule/PA154410481)	B Informative PGx (/view/drug-label.do?id=PA166104917)	Informative PGx (/view/drug-label.do?id=PA166105321)		
pravastatin(/molecule/PA451089)	B Actionable PGx (/view/drug-label.do?id=PA166114941)			
prilocaine(/molecule/PA451101)	B Actionable PGx (/view/drug-label.do?id=PA166105178)			
primaquine(/molecule/PA451103)	B Actionable PGx (/view/drug-label.do?id=PA166104876)			Actionable PGx (/view/drug-label.do?id=PA166127702)
probenecid(/molecule/PA451106)	Actionable PGx (/view/drug-label.do?id=PA166104906)			
propafenone(/molecule/PA451131)	B Actionable PGx (/view/drug-label.do?id=PA166104837)			Actionable PGx (/view/drug-label.do?id=PA166127704)
propranolol(/molecule/PA451145)	B Informative PGx (/view/drug-label.do?id=PA166104798)	Informative PGx (/view/drug-label.do?id=PA166122487)		
protriptyline(/molecule/PA451168)	B Actionable PGx (/view/drug-label.do?id=PA166104812)			
pyrazinamide(/molecule/PA451182)	B Informative PGx (/view/drug-label.do?id=PA166104850)			
quinidine(/molecule/PA451209)	B Informative PGx (/view/drug-label.do?id=PA166104811)	Actionable PGx (/view/drug-label.do?id=PA166119827)		
quinine(/molecule/PA451213)	B Actionable PGx (/view/drug-label.do?id=PA166105232)			Actionable PGx (/view/drug-label.do?id=PA166127705)
rabeprazole(/molecule/PA451216)	B Actionable PGx (/view/drug-label.do?id=PA166104848)		Actionable PGx (/view/drug-label.do?id=PA166160846)	Actionable PGx (/view/drug-label.do?id=PA166127706)
ranolazine(/molecule/PA164746007)		Actionable PGx (/view/drug-label.do?id=PA166122947)		
rasburicase(/molecule/PA10176)	B Genetic testing required (/view/drug-label.do?id=PA166151881)	Actionable PGx (/view/drug-label.do?id=PA166104894)	Actionable PGx (/view/drug-label.do?id=PA166123548)	Genetic testing recommended (/view/drug-label.do?id=PA166127707)

Drug	FDA	EMA	PMDA	HCSC
regorafenib(/molecule/PA166114943)	Informative PGx (/view/drug-label.do?id=PA166114944)	Informative PGx (/view/drug-label.do?id=PA166122488)		
rifampin(/molecule/PA451250)	B Informative PGx (/view/drug-label.do?id=PA166104850)			
risperidone(/molecule/PA451257)	B Informative PGx (/view/drug-label.do?id=PA166104793)			Informative PGx (/view/drug-label.do?id=PA166127708)
ritonavir(/molecule/PA451260)		Informative PGx (/view/drug-label.do?id=PA166123410)		
rituximab(/molecule/PA451261)	B Informative PGx (/view/drug-label.do?id=PA166105240)	Genetic testing required (/view/drug-label.do?id=PA166122546)		
rosuvastatin(/molecule/PA134308647)	B Actionable PGx (/view/drug-label.do?id=PA166105023)			Actionable PGx (/view/drug-label.do?id=PA166127709)
ruxolitinib(/molecule/PA166123386)		Informative PGx (/view/drug-label.do?id=PA166123388)		
sevoflurane(/molecule/PA451341)	B Actionable PGx (/view/drug-label.do?id=PA166129519)			Actionable PGx (/view/drug-label.do?id=PA166129520)
sildenafil(/molecule/PA451346)		Informative PGx (/view/drug-label.do?id=PA166122968)		
simeprevir(/molecule/PA166122590)	B Informative PGx (/view/drug-label.do?id=PA166122592)			Informative PGx (/view/drug-label.do?id=PA166127710)
sirolimus(/molecule/PA451365)		Informative PGx (/view/drug-label.do?id=PA166123411)		
sodium benzoate(/molecule/PA451374)	B Genetic testing required (/view/drug-label.do?id=PA166104794)			
sodium nitrite(/molecule/PA166115361)	B Actionable PGx (/view/drug-label.do?id=PA166115362)			Actionable PGx (/view/drug-label.do?id=PA166129528)
sodium phenylbutyrate(/molecule/PA166114316)	Genetic testing required (/view/drug-label.do?id=PA166114317)	Informative PGx (/view/drug-label.do?id=PA166114381)		Genetic testing required (/view/drug-label.do?id=PA166127712)
sofosbuvir(/molecule/PA166122593)	B Informative PGx (/view/drug-label.do?id=PA166122594)			
succimer(/molecule/PA451521)	B Informative PGx (/view/drug-label.do?id=PA166115363)			
succinylcholine(/molecule/PA451522)	Actionable PGx (/view/drug-label.do?id=PA166122970)			Actionable PGx (/view/drug-label.do?id=PA166127713)
sulfadiazine(/molecule/PA451539)	Actionable PGx (/view/drug-label.do?id=PA166104902)		Actionable PGx (/view/drug-label.do?id=PA166160847)	Actionable PGx (/view/drug-label.do?id=PA166127714)
sulfamethoxazole(/molecule/PA451544)	B Actionable PGx (/view/drug-label.do?id=PA166104874)		Actionable PGx (/view/drug-label.do?id=PA166160848)	Actionable PGx (/view/drug-label.do?id=PA166127715)
sulfasalazine(/molecule/PA451547)	Actionable PGx (/view/drug-label.do?id=PA166104892)		Actionable PGx (/view/drug-label.do?id=PA166160849)	Actionable PGx (/view/drug-label.do?id=PA166127716)
sulfisoxazole(/molecule/PA164748964)	Actionable PGx (/view/drug-label.do?id=PA166104895)			Actionable PGx (/view/drug-label.do?id=PA166127717)

Drug	FDA	EMA	PMDA	HCSC
sunitinib(/molecule/PA162372840)		Informative PGx (/view/drug-label.do?id=PA166123412)		
tamoxifen(/molecule/PA451581)	B Actionable PGx (/view/drug-label.do?id=PA166104819)			Genetic testing required (/view/drug-label.do?id=PA166127718)
tamsulosin(/molecule/PA451583)	Actionable PGx (/view/drug-label.do?id=PA166160672)			
telaprevir(/molecule/PA165958354)	B Actionable PGx (/view/drug-label.do?id=PA166104867)	Actionable PGx (/view/drug-label.do?id=PA166114378)		
telithromycin(/molecule/PA10202)		Informative PGx (/view/drug-label.do?id=PA166123417)		
tenofovir(/molecule/PA10204)		Actionable PGx (/view/drug-label.do?id=PA166123422)		Actionable PGx (/view/drug-label.do?id=PA166127667)
terbinafine(/molecule/PA451614)	Informative PGx (/view/drug-label.do?id=PA166104822)			
tetrabenazine(/molecule/PA140222719)	B Genetic testing required (/view/drug-label.do?id=PA166104829) <i>has dosing information</i>		Actionable PGx (/view/drug-label.do?id=PA166160850)	Actionable PGx (/view/drug-label.do?id=PA166127719)
thioguanine(/molecule/PA451663)	B Actionable PGx (/view/drug-label.do?id=PA166104838)			Actionable PGx (/view/drug-label.do?id=PA166127720)
thioridazine(/molecule/PA451666)	B Actionable PGx (/view/drug-label.do?id=PA166104805)			
ticagrelor(/molecule/PA165374673)	B Informative PGx (/view/drug-label.do?id=PA166104851)	Actionable PGx (/view/drug-label.do?id=PA166114382)		
timolol(/molecule/PA451690)	(/view/drug-label.do?id=PA166104925)	Informative PGx (/view/drug-label.do?id=PA166115435)		
tiotropium(/molecule/PA164769056)	Informative PGx (/view/drug-label.do?id=PA166104830)			
tipranavir(/molecule/PA163522473)		Informative PGx (/view/drug-label.do?id=PA166123423)		
tolterodine(/molecule/PA164746757)	B Actionable PGx (/view/drug-label.do?id=PA166104806)		Informative PGx (/view/drug-label.do?id=PA166123549)	Informative PGx (/view/drug-label.do?id=PA166127721)
tositumomab(/molecule/PA164748364)	B Informative PGx (/view/drug-label.do?id=PA166104804)			
tramadol(/molecule/PA451735)	B Actionable PGx (/view/drug-label.do?id=PA166104799)			Actionable PGx (/view/drug-label.do?id=PA166127628)
trametinib(/molecule/PA166115364)	B Genetic testing required (/view/drug-label.do?id=PA166115365)	Genetic testing required (/view/drug-label.do?id=PA166129450)		Genetic testing required (/view/drug-label.do?id=PA166127722)
trastuzumab(/molecule/PA451743)	B Genetic testing required (/view/drug-label.do?id=PA166104920)	Genetic testing required (/view/drug-label.do?id=PA166114481)	Genetic testing required (/view/drug-label.do?id=PA166123550)	Genetic testing required (/view/drug-label.do?id=PA166127724)
trastuzumab emtansine(/molecule/PA165958441)	B Genetic testing required (/view/drug-label.do?id=PA166104796)	Genetic testing required (/view/drug-label.do?id=PA166122547)		Genetic testing required (/view/drug-label.do?id=PA166127723)
tretinoin(/molecule/PA451746)	B Genetic testing required (/view/drug-label.do?id=PA166104817)		Informative PGx (/view/drug-label.do?id=PA166123551)	Genetic testing required (/view/drug-label.do?id=PA166127725)

Drug	FDA	EMA	PMDA	HCSC
trimethoprim(/molecule/PA451788)	B Actionable PGx (/view/drug-label.do?id=PA166104874)		Actionable PGx (/view/drug-label.do?id=PA166160848)	Actionable PGx (/view/drug-label.do?id=PA166127715)
trimipramine(/molecule/PA451791)	B Actionable PGx (/view/drug-label.do?id=PA166104857)			
valproic acid(/molecule/PA451846)	B Actionable PGx (/view/drug-label.do?id=PA166104825)		Actionable PGx (/view/drug-label.do?id=PA166123552)	Actionable PGx (/view/drug-label.do?id=PA166127726)
vandetanib(/molecule/PA166118341)		Genetic testing recommended (/view/drug-label.do?id=PA166122907)		
vardenafil(/molecule/PA10229)		Informative PGx (/view/drug-label.do?id=PA166122969)		
velaglucerase alfa(/molecule/PA166115366)	Genetic testing required (/view/drug-label.do?id=PA166115367)	Genetic testing required (/view/drug-label.do?id=PA166122548)		Genetic testing required (/view/drug-label.do?id=PA166127727)
vemurafenib(/molecule/PA165946873)	B Genetic testing required (/view/drug-label.do?id=PA166104858)	Genetic testing required (/view/drug-label.do?id=PA166114482)	Genetic testing required (/view/drug-label.do?id=PA166160851)	Genetic testing required (/view/drug-label.do?id=PA166127728)
venlafaxine(/molecule/PA451866)	B Informative PGx (/view/drug-label.do?id=PA166104847)			
viekira pak(/molecule/PA166160002)	B Informative PGx (/view/drug-label.do?id=PA166160005)			
vitamin c(/molecule/PA451898)	B Actionable PGx (/view/drug-label.do?id=PA166104897)		Actionable PGx (/view/drug-label.do?id=PA166160854)	Actionable PGx (/view/drug-label.do?id=PA166127729)
voriconazole(/molecule/PA10233)	B Actionable PGx (/view/drug-label.do?id=PA166104818)	Informative PGx (/view/drug-label.do?id=PA166122826)	Actionable PGx (/view/drug-label.do?id=PA166160856)	Actionable PGx (/view/drug-label.do?id=PA166127730)
vortioxetine(/molecule/PA166122595)	B Actionable PGx (/view/drug-label.do?id=PA166122607) <i>has dosing information</i>	Actionable PGx (/view/drug-label.do?id=PA166123408)		Actionable PGx (/view/drug-label.do?id=PA166127731)
warfarin(/molecule/PA451906)	B Actionable PGx (/view/drug-label.do?id=PA166104776) <i>has dosing information</i>			Actionable PGx (/view/drug-label.do?id=PA166127732)
zonisamide(/molecule/PA451978)		Informative PGx (/view/drug-label.do?id=PA166123413)		

Showing 1 to 233 of 233 entries

Last modified on Mon Oct 03 12:00:38 PDT 2016 ([FDA Label for clopidogrel and CYP2C19\(/label/PA166104777\)](#))